owers' International Transistor Selector

T D Towers, MBE, MA, BSc, C Eng, MIERE
Over 10,000 American, British, European and Japanese Transistors with Electrical and Mechanical Specifications, Manufacturers and Available Substitutes

## Towers' International Transistor Selector

Specification data for the identification, selection and substitution of transistors

by T D Towers, MBE, MA, BSc, C Eng, MIERE


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## Preface

If you deal with transistors - whether as a student, a hobbyist, a circuit engineer, a buyer, a teacher or a serviceman - you often want data on a specific transistor of which you know only the type number.

Specifications apart, you may be even more interested in where you can get the device in question. And perhaps more important still (particularly with obsolete devices), you may want guidance on a readily available possible substitute.

This transistor compendium, a comprehensive tabulation of basic specification for over 10,000 transistors, offers information on:

1. Ratings
2. Characteristics
3. Case details

4 Terminal identifications
5. Applications use

## 6. Manufacturers

7. Substitution equivalents (both European and American)

The more than ten thousand transistors covered in this compendium are a selection of the more common current and widely-used obsolete types.

It is international in scope and covers transistors not only from the USA and Continental Europe, but also from the United Kingdom and the Far East (Japan).

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# An Introduction to the Transistor 

Invented in 1948 at the Bell Telephone Laboratories in the USA, the transistor is a semiconductor amplifying device which has largely replaced the valve ('thermionic tube') in electronics.
There are several fundamentally different types of 'transistors', but to most people a transistor is of the 'bipolar junction' type. This is a three-lead device with special names for its terminals (input $=$ 'base', output $=$ 'collector' and common = 'emitter'). This compendium confines itself mainly to such transistors with only a few passing references to special 'non-transistor' three terminal devices such as fet's (unipolar or field effect transistors), phototransistors, thyristors (scr's), etc.
When you are considering a transistor type, the first thing is to confirm it is a junction type, and not for example an unobtainable early 'point contact' type or an fet.

Next you must identify whether it is 'npn' (using positive supply rail) or 'pnp' (using negative supply). Any replacement must be of the same polarity, i.e. npn or pnp.
Two semiconductor materials, germanium and silicon, are both in common use in transistor manufacture, although silicon is steadily replacing germanium. Leakage currents in germanium devices are orders of magnitude higher-than in silicon. As a result, it is prudent normally to replace germanium with germanium and silicon with silicon. However, skilled engineers can usually select a silicon (low leakage) device to substitute for an unobtainable germanium (high leakage) one. This does not usually work the other way round.

Many differently shaped cases have been developed over the years for transistors, and you will need to know details of the case outline in any transistor you are going to use. This compendium provides such details togetḥer with lead/ terminal identification diagrams.

The transistor is basically a low voltage device and it is important to check the permissible maximum voltages that can be applied to the various device terminals. This compendium gives ratings for collector-base, collector-emitter and emitter-base. The emitter-base rating, often overlooked in transistor listings, is important. In modern silicon transistors it is usually under 6 V , whereas the older germanium types were much higher. Also, the higher the frequency-handling capability of the transistor, the lower the emitter voltage rating tends to be.

Thermionic tubes had one big advantage over transistors. They could withstand substantial current overloads ('going blue') without catastrophic results. Transistors unfortunately are catastrophically sensitive to current overloads. It is important, therefore, to know the maximum permissible
collector current and ensure it is not exceeded under any circumstances.

The transistor is not so sensitive to heat overloads as to voltage or current. The junction heats up inside the transistor under load and manufacturers carefully specify maximum permissible junction temperature to guard against excessive degradation of device characteristics with time. Permissible maximum junction temperature for germanium lie in the region of $60-100^{\circ} \mathrm{C}$ and for silicon $125-200^{\circ} \mathrm{C}$. This is useful in distinguishing silicon from germanium transistors.

For power dissipation, manufacturers specify either a 'free air' rating at $25^{\circ} \mathrm{C}$ for low power devices normally mounted by their leads only, or a 'case-rated' dissipation at $25^{\circ} \mathrm{C}$ case temperature for high power devices usually mounted on some form of fin or heat sink. Occasionally, however, the maximum dissipation is specified as attached to a heat sink at $25^{\circ} \mathrm{C}$ ambient temperature. It is important to realise that the permissible dissipation in use must be reduced, i.e. the device 'derated', as the ambient temperature rises above $25^{\circ} \mathrm{C}$. For a device rated $P_{\text {tot }}$ at $25^{\circ} \mathrm{C}$ and with a maximum permissible junction temperature of $T_{j}$, the permissible dissipation at an elevated ambient temperature of $\mathrm{T}_{\mathrm{a}}$ can be shown to be $P_{\text {TOT }}^{\prime}=P_{\text {TOT }}\left(T_{i}-T_{a}\right) /\left(T_{j}-25\right)$.

One of the most important characteristics of the transistor is its 'current gain' (also known as 'beta') $\mathrm{H}_{\text {fE }}$, i.e. the ratio of the output (collector) current to the input (base) current. It is necessary to know the current gain not only to design the dc bias networks for the device but to compute the stage gain or amplification. Transistor beta changes rapidly with the level of standing collector bias current, but is relatively insensitive to standing bias voltage. This compendium therefore quotes the bias current at which the gain is measured.

Finally the high frequency characteristics of the device are important. The two that give the greatest measure of useful information are $f_{T}$ (the frequency at which the current gain falls to unity) and $C_{o b}$ (the collector-to-base capacitance). Generally any replacement should be a device with similar $f_{T}$ and $C_{o b}$. For silicon it will be found that $f_{T}$ tends to be 10 to 100 times higher than germanium.

The compendium tables give general application guidance on the use of each transistor by a special coding in a separate column.

Additionally the tables offer in the last two columns possible UK and USA substitute standard devices. Substitution guidance given should be used with caution because special characteristics not recorded may make the suggested substitute unacceptable in some applications. You should get detailed specification of the proposed substitute from the manufacturer and consider them in relation to your own

## An Introduction to the Transistor

application before committing yourself. The suggested substitutes can be taken only as general guide lines.

Over the years, manufacturers and standards associations have issued somewhere between 50,000 and 100,000 separate transistor type numbers. The vast ?majority of these were never widely used or are no longer used by designers.

Devices either have type numbers peculiar to individual manufacturers (see Appendix D) or conform to industry standard serial numbering systems (suppliable by more than one manufacturer).

The principal industry standard numbering systems are: (a) ' $\mathbf{2 N}$ ' (The EIA in the USA maintains a register of ' $\mathbf{2 N}$ ' types familiarly known as 'Jedec' types, which have had world wide acceptance. The most accessible detailed information on current ' $2 \mathbf{N}$ ' types will be found in the 'Transistor Data Book' published annually with a half yearly supplement by Derivation and Tabulation Associates Inc (Data) of 32 Lincoln Avenue, Orange New Jersey, USA.
(b) 'Proelectron' (The Association Internationale Pro Electron in Europe maintains a register of Pro Electron types which have wide acceptance in Europe. All commercially available devices registered with the Pro Electron organisation are listed together with technical data and the names and addresses of suppliers in the annual edition of 'Semiconductors' published on behalf of Pro Electron by Ae. E. Kluwer, Santvoortbeeklaan 21-23, 2100, Deurne - Antwerp, Belgium. Transistors in the Pro Electron system are registered either under a two letter/three numeral code (e.g. BC107) for consumer devices, or a three letter/two numeral code (e.g. ACY17) for industrial devices. Device numbers starting with ' $A$ ' refer to germanium and ' $B$ ' to silicon. All second and third letter have applications significance as indicated in Appendix D hereto.)
(c) '2S' (In Japan, the JIS, Japanese Industrial Standards, system of transistor numbering is almost universal, there being very few housecode devices. In this system, all transistor numbers start with '2S' followed by a letter and several numbers (e.g. 2SB364). The letter after the ' S ' has significance: $A=p n p$ hf, $B=p n p$ If, $C=n p n$ hf, $D=n p n$ If).
(d) Old standards (A standard now obsolete but still met with is the 'old European' where the transistor was registered as 'OC' of 'OD' followed by two or three numerals (e.g. OC28). A former UK Government standard gradually being phased out is the CV system. Appendix $E$ gives a listing of such CV transistors. Many of these in the 7,000 part of the series will now be found transferred into the new British Standards Institution 'BS9000' system. Where items have been so transferred, the 'CV7' part of the number will have
been replaced by 'BS9300C'. Thus the CV7084 could now appear as BS9300CO84.)

The transistors selected for inclusion in this compendium are listed in serial numero-alphabetical order in tables immediately following this introduction. The tables are designed as far as possible to be self explanatory. For readers to whom some of the nomenclature is strange there is in Appendix $A$ an explanatory set of notes supplementing the tabulation. Besides detailed comments on the tables, Appendix A incorporates a ready reference chart of the tabular format and a glossary of terms used.

The transistor tables are also supported by:
Appendix $B$ : Lead/terminal identification diagrams.
Appendix $C$ : Case outline diagrams.
Appendix D: House Codes for individual manufacturers.
Appendix E: CV Transistors and related prototypes.
Appendix F: Manufacturer listings.
Every reasonable care has been taken to ensure accuracy of information in the tables, but no responsibility can be accepted for inaccuracies that may have arisen. The user who wishes fuller technical information on current devices should consult the data issued by the manufacturer.

## Tabulations

| TRANSISTOR NUMBER | $\left\|\begin{array}{c} \text { PM } \\ \mathbf{O A} \\ \mathbf{L T} \end{array}\right\|$ | PACK- | $\left\|\begin{array}{\|l\|} \text { LEAD } \\ \text { INFO } \end{array}\right\|$ | VCB MAX | $\begin{gathered} \text { VCE } \\ \text { MAX } \end{gathered}$ | $\begin{aligned} & \text { VEB } \\ & \text { MAX } \end{aligned}$ | $\stackrel{I_{\text {MAX }}^{c}}{\text { c }}$ | $\stackrel{T}{\mathrm{~J}} \underset{\operatorname{MAX}}{ }$ | TOT | $\begin{array}{ll} F_{1} & C_{O B} \\ \text { MIN } & \text { MAX } \end{array}$ | $H_{F E}$ | $\begin{gathered} \mathrm{H}_{\mathrm{FE}} \\ \text { BIAS } \end{gathered}$ | USE | MFR | $\begin{aligned} & \text { EURO } \\ & \text { EQVT. } \end{aligned}$ | USA EQVT. | ISS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2 CY 17 | PG | 105 | 104 | 70 V |  | 12V | 500MA | 100 C | 240 MhF | 500K 40 P | 35/140 | 500 MA | AMH | IIB | ACY17 |  | 0 |
| 2CY18 | PG | 105 | 104 | 50 V |  | 12 V | 500MA | 100C | 240 MWF | 500 K 40 P | 30/110 | 500MA | AMG | IIB | ACY18 |  | 0 |
| 2CY19 | PG | 105 | 104 | 50 V |  | 12 V | 500 AA | 100C | 24 MMW | 750 K 40 P | 60/235 | 500ma | AHG | TIB | ACY19 |  | 0 |
| 2 CY 20 | PG | 105 | 104 | 40 V |  | 12V | 500mA | 100C | 240 MWF | 500K 40 P | 50/145 | 50 MA | AMG | TIB | AC Y20 |  | 0 |
| 2 CY 21 | PG | 105 | 104 | 40 V |  | 12v | 500 MA | 100C | 240 MWF | 650 K 40 P | 90/250 | 50 MA | AMG | TIB | ACY21 |  | 0 |
| 2CY22 | PG | 105 | 104 | 20 V |  | 12 V | 500MA | 100C | 240MHF | 400k 40P | 20/210 | 500 ma | AMG. | IIB | ACY22 |  | 0 |
| 26101 | PG | 105 | 104 | 15 V | 154 | 1 V | 20 MA | 100C | 100 MWF | 180M 5P | 20MN | 2 MA | RLA | TIB | AS221 | 2N2273 | 0 |
| $2 \mathrm{G102}$ | PG | 105 | 104 | 15 V | 15 V | 1 v | 20 MA | 100C | 100 MWF | 200M 5P | 20MN | 2 MA | RLA | TIB | AS221 | 2N2273 | 0 |
| 2 Cl 103 | PG | 1018 | 101 | 15 V | 15 V | 2 V | 50 MA | 100C | 300 MW | 200M 5P | 20 MN | 10 MA | RLS | 1 I | AS 221 | 2N2273 | 0 |
| 26104 | PG | T018 | 101 | 15V | 154 | 3 V | 50 MA | 1006 | 300 MWF | 200M 5P | 20MN | 10MA | RLS | TIB | AS22 1 | 2N2273 | 0 |
| $2 \mathrm{G1} 66$ | $P \mathrm{G}$ | 1018 | 101 | 18 V | 154 | $4 v$ | 100Ma | 100C | 150MW | 60 M 5 P | 30 MN | 10 MA | RLA | 118 | AF124 | 2N990 | 0 |
| 2G110 | PG | 105 | $L 04$ | 36 V | 154 | 2 V | 50 MA | 100C | 300MWF | 100M 5P | 15MN | 50 MA | RLS | 18 | AS 221 | 2N2273 | 0 |
| 26210 | PG | 103 | L05 | 60 V | 60 V | 20 V | 6 A | 100J | 75 WH | 200k | 25/90 | 5 A | aha | IIB | ASZ15 | 2N1533 | 0 |
| $2 \mathrm{G220}$ | PG | 103 | L05 | 40 V | 40 V | 30 V | 10 A | 100C | 80 WH | 200K | 10 MN | 10A | AHG | TIB | ASZ 16 | 2N1536 | 0 |
| 26221 | P6 | 103 | L05 | 60 V | 60 V | 30 V | 10 A | 1006 | 80 WH | 200k | 10 MN | 10A | AHG | T1B | ASZ15 | 2N1533 | 0 |
| 20222 | PG | 103 | 105 | 80 V | 804 | 30 V | 104 | 100 C | 8 CWH | 200k | 10 MN | 10 A | AHH | 118 | ASZ 15 | 2N1533 | 0 |
| 26223 | PG | 103 | 105 | 40 V | 40 y | 30 V | 15 A | 100C | 80 WH | 200K | 10 MN | 15 A | AHG | 1 IB | AuY29 | 2N1167 | 0 |
| 26224 | PG | 103 | $L 05$ | 60 V | 60 V | 30 V | 15 A | 100c | 80 WH | 200K | 10MN | 15 A | AHG | IIB | AUY29/ | 52N1167 | 0 |
| 2G225 | PG | 103 | L05 | 40 V | 40 V | 30 V | 15 A | 100C | 80 wh | 200K | 10 MN | 15A | AHG | IIB | AUY $29 /$ | $52 N 1167$ | 0 |
| 2 6 226 | PG | T03 | L05 | 40 V | 40 V | 30 V | 20A | 100 C | 80 WH | 200k | 10 MN | 20 A | AHG | IIB | AUY29/ | 52N1167 | 0 |
| 2 G 227 | PG | 103 | 105 | 60 V | 60. | 30 V | 204 | 100C | 80 HH | 200k | IOMN | 20 A | AHG | IIB | AuY29/ | 52N1167 | 0 |
| 2 6 228 | PG | T03 | 105 | 80 V | 80 y | 30 V | 204 | 1006 | 80 WH | 200k | 10 MN | 20A | AHG | It | AUY29 | 52N1167 | 0 |
| 26229 | PG | 103 | L05 | 40 V | 40 y | 30 V | $25 A$ | 100C | 80 WH | 200k | 10 MN | 25A | AHG | TIB | AUY29 | 52N1167 | 0 |
| 26230 | PG | 103 | L05 | 60 V | $60 y$ | 30 V | $25 A$ | 100C | 80 WH | 200k | 10 MN | 25 A | AHG | IIE | AUY29 | 52N1167 | 0 |
| 26231 | PG | 103 | L05 | 80 V | 80 y | 30 V | $25 A$ | 100C | 80 WH | 200K | 10 MN | 25 A | APG | TIB | AUY29/ | 52N1167 | 0 |
| 2 G 240 | PG | 103 | 105 | 80 V | 804 | Iv | 3 A | 65C | 25wh | 7 M | 40 MN | 500 MA | RPA | IIB | AL 103 | 2N2147 | 0 |
| 2G301 | PG | 1014 | L01 | 20 V | 20. | 10 V | 300MA | 100 C | 200 MmF | 3N 12 P | 30 MN | 1 MA | RLS | TIE | OC 44 N | 2N 2614 | 0 |
| 26302 | PG | r014 | L01 | 20 V | 20. | 10 V | 300MA | 100 C | 200MWF | 7 M 15 P | 45 MN | 1 MA | RLS | TIE | OC44N | 2N2614 | 0 |
| 2G303 | PG | r01A | 101 | 30 V | 304 | 10V | 300MA | 100C | 200 MWF | 3 M 15 P | 30 MN | 1 MA | RLA | TIB | OC44N | 2N2614 | 0 |
| 2G304 | PG | 101A | LC1 | 30 v | 304 | 10 V | 300 MA | 100C | 300MWF | 7M 15P | 45 MN | 1 MA | RLA | TIB | OC44N | 2N2614 | 0 |
| 2G306 | PG | t01A | 101 | 20 V | 204 | 10 V | 300MA | 100C | 300 MhF | 12M 15P | 90Mn | 1 MA | RLA | TIB | 0C44N | 2N2614 | 0 |
| 2 G 308 | PG | r01A | 101 | 20 V | 204 | lov | 300MA | 100 C | 300 MwF | 3 N 15 P | 40 MN | 120 MA | RLS | 118 | 0C44N | 2N2614 | 0 |
| 2G309 | PG | T01A | L01 | 20 V | 20. | 10 V | 300MA | 100 C | 300MWF | 12 N 15 P | 120 MN | 120 MA | RLS | 1 IB | OC 44 N | 2N2614 | 0 |
| 2 C 319 | PG | IO5 | L04 | 30 V | 204 | 3 V | 200MA | 85 C | 225 MWF | 1 M 50 P | 20 MN | 20 MA | AlA | TAD | ACY17 | 2N1176 | 0 |
| 26320 | PG | T05 | L04 | 30 V | 20 V | 3 V | 200MA | 85 C | 225 MWF | 1 M 50 P | 30 MN | 20 mA | AlA | tad | ACY17 | 2N1176 | 0 |
| 26321 | PG | T05 | L04 | 30 V | V | $3 v$ | 200MA | 85 C | 225 | 2 M 50 P | 50 MN | 20 MA | ALA | TAD | ACY17 | 2N1176 | 0 |
| 2 G 22 | PG | 105 | 164 | 16 V | 16 V | 3 V | 100MA | 85 C | 150 MWF | 1 M 50 P | 25 MN | 1 MA | Ala | tad | ACY 17 | 2N1176 | 0 |
| 2 G 323 | PG | 105 | L04 | 16 V | 164 | 3 V | 100 MA | 85 C | 150 MWF | $2 \mathrm{M} \mathrm{50P}$ | 30 mN | 1 MA | ALA | tad | ACY17 | 2N1176 | 0 |
| 2 G 324 | PG | 105 | 104 | 16 V | 164 | 3 v | 100\%A | 85 C | 150MWF | 2 M 50 P | 50 MN | 1 MA | ALA | TAO | AC Y 17 | 2N1176 | 0 |
| 2 G 344 | PG | T01A | 102 | 15 V | 15. | 10 V | 100MA |  | 150 MwF | 8 M 12 P | 50 MN | 1 MA | RLA | TB | 0044 N | 2N2614 | 0 |
| 29345 | PG | rola | L02 | 15 V | 15. | 10 V | 100 mA | $85 C$ | 150 | 2N 12 P | 25 MN | 1 MA | RLA | II8 | OC44N | 2N 2614 | 0 |
| 2 G 371 | PG | rola | L02 | 20 V | 204 | 10 V | 300MA | 90 C | 200MWF | 1 M 40 P | 25 MN | 1 MA | ALA | IIB | AC126 | 2N2431 | 0 |
| 26374 | Ps | 101A | L02 | 20 V | 204 | 10 V | 100 ma | 85 C | 150 mWF | 1 M 40 P | 60 MN | 1 MA | ALA | 118 | AC 126 | 2N2431 | 0 |
| 26376 | ${ }^{\text {PG }}$ | roiA | L02 | 30 V | 304 | 10V | 300 Na | 85 C | 150 MmF | 1 M 40 P | 30 NN | 100 mA | ALG | TIB | AC126 | 2N2431 | 0 |
| $2 \mathrm{G377}$ | PG | tola | L02 | 60 V | 50 V | 10 V | 300mA | 85C | 150 MWF | 1 N 40 P | 30 MN | L00MA | alg | TB | AC126 | 2N2431 | 0 |
| 26381 | PG | tola | 102 | 20 V | 15 | 3 v | 400MA | 85 C | 250Mwf | 1 M 50 P | 75 MN | 300 ma | AMG | IIB | AC128 | 2N2706 | 0 |
| 26382 | PG | tola | L02 | 20 V | 15 | 3 v | 400 Na | 85 C | 250 | 1 M 50 P | 75 MN | 300 MA | AMG | 18 | AC 128 | 2N2706 | 0 |
| 26383 | PG | TOS | 104 | 70 V | 30 V | 12 V | 100 mA |  | 250 NWF | 1M 70P | 40 MN | 50 MA | ALG | IIB | ACY17 | 2N1176 | 0 |
| 26384 | PG | 105 | 104 | 50 V | 25 V | 12 V | 100ma | 85C | 250 MwF | 1 M 70 P | 55 MN | 50 MA | ALG | 1 IB | ACY 17 | 2N1176 | 0 |
| 2G 385 | PG | 105 | 104 | 50 V | 25. | 12 V | 100 mA | 85 C | 250 MWF | 1 M 70 P | 100 mN | 50 MA | ALA | TIA | ACY17 | 2N1176 | 0 |
| 2G386 | PG | 105 | 104 | 40 V | 20. | 12 V | 100ma | $85 C$ | 250MWF | 1 M 70 P | 55 MN | 50 MA | ala | IIE | ACY17 | 2N1176 | 0 |
| 26337 | PG | 105 | 104 | 40 V | 20 V | 12 V | 100NA | 85 C | 250 MmF | 1 M 70 P | 100 MN | 50 MA | AlA | IIB | ACY17 | 2N1176 | 0 |
| 26395 | PG | 105 | 104 | 30 V | 15 V | 20 V | 200ma | 85 C | 150 MHF | 2M 18P | 20 MN | 10 MA | RLS | TAD | ASY27 | 2N1305 | 0 |
| 2G396 | PG | 105 | LC4 | 30 V | 204 | 20 V | 200MA | 85 C | 150 MmF | 4 M 18 P | 30 NN | 10 MA | RLS | rad | ASY27 | 2N1305 | 0 |
| 26397 | PG | 105 | L04 | 30 V | 15. | 20 V | 200 MA | 85 C | 150 MWF | 6 M 18 P | 40 NN | 10 MA | RLS | TAD | ASY27 | 2N1305 | - |
| 2 G 398 | PG | 105 | L02 | 105 V | 60 V | 40 V | 200mA | 85 C | 150 MWF | 800K 30P | 30 MN | 1 MA | Ala | tab | ACY17 | 2N1176 | 0 |
| 2G401 | PG | 1012 | L09 | 20 V | 20 V | 3 V | 10 MA | $85 C$ | 100 MWF | 40 N 5 P | 25 MN | 1 MA | RLA | TIB | AF 124 | 2N990 | 0 |
| 26402 | PG | 1012 | L09 | 20 V | 20 V | 3 V | 10 MA | 85 C | 100 MWF | 40 M 5 P | 50 MN | 1 MA | RLA | IIB | AF124 | 2N990 | 0 |
| 2G403 | $P \mathrm{P}$ | 1012 | LCS | 40 V | 40 V | 3 V | 25 MA | 85 C | 100 MWF | 60M 5P | 50 MN | 1 MA | RLA | TIB | AF124 | 2N990 | - |
| 2G524 | $\mathrm{P}_{\mathrm{G}}$ | r05 | 204 | 45 v | 304 | 15 V | 500 ma | 85 C | 225MWF | 1 M 40 P | 15 MN | 1 MA | AMG | TAD | ACY17 | 2N1176 | 0 |
| 26525 | PG | 105 | 104 | 45 V | 304 | 15 V | 500mA | 85 C | 225 MWF | 1 M 40 P | 30 MN | 1 MA | AL G | IAD | ACY17 | 2N1176 | 0 |
| 26526 | PG | 105 | 104 | 45 V | 30 V | 15 V | 500MA | $85 C$ | 225 MmF | LN 40 P | 30 MN | 1 MA | ALG | TAD | ACY 17 | 2N1176 | 0 |
| 2G527 | PG | 105 | 104 | 45 V | 30 V | 15 V | 500MA | 85 C | 225 MWF | 1N 40 P | 40 MN | 1 MA | ALG | tad | ACY17 | 2N1176 | 0 |
| 2 S 577 | PG | 105 | L04 | 70 V | 30 V | 20 V | 500 MA | 85 C | 225 MWF | 1 M 40 P | 30 MN | 1 MA | ALG | tad | ACY1 7 | 2N1176 | - |
| 2G605 | PG | 105 | L04 | 30 V | 20 V | 20 V | 200ma | 85 C | 150MWF | 4 M 18 P | 40 MN | 5 MA | RLA | TAD | ASY27 | 2N1305 | - |
| 2G1024 | PG | 105 | LC4 | 70 V | 40 y | 20 V | 500mA | 85 C | 225 MWF | 1 M 40 P | 15 MN | 1 MA | ALA | TAD | ACY17 | 2N1176 | 0 |
| 2G1025 | PG | 105 | L04 | 70 V | 40 V | 20 V | 500 ma | 85 C | 225 MWF | IN 40 P | 20 NN | 1 MA | ALG | tad | ACY17 | 2N1176 | 0 |
| 2 Cl 1026 | PG | 105 | 102 | 70 v | 40 V | 20 V | 500MA | $85 C$ | 225 MWF | IM 40P | 30 MN | 1 MA | ALG | TAD | ACY17 | 2N1176 | - |
| $2 \mathrm{G1027}$ | PG | 105 | $1 L_{4}$ | 70 V | 40 V | 20 V | 500ma | 85 C | 225MWF | 1 M 40 P | 40 MN | 1 MA | ALG | TAD | ACY17 | 2N1176 | 0 |
| $2 \wedge 22$ | PC |  |  |  |  |  |  |  |  |  |  |  | PCT | OBS |  |  | 0 |
| 2^23 | PC |  |  |  |  |  |  |  |  |  |  |  | PCT | 085 |  |  | 0 |
| 2N24 | PC |  |  |  |  |  |  |  |  |  |  |  | PCT | OBS |  |  | 0 |
| 2N25 | PC |  |  |  |  |  |  |  |  |  |  |  | PCT | OBS |  |  | 0 |
| 2 N 26 | PC |  |  |  |  |  |  |  |  |  |  |  | PCT | OBS |  |  | 0 |
| 2N27 | ng | OBS | ObS | 35 V |  |  | 100MA | 85 C | 50 NWF | 1 N 16 P | 507 P | 1 MA | AL 6 | 08S | AS $\times 29$ | 2N1304 | 0 |
| 2N28 | NG | obs | овS | 30 V |  |  | 100 ma | 85C | 50 MmF | 500k 16P | 507 P | 1 MA | ALG | OBS | ASY29 | 2N1304 | 0 |
| 2 N 29 | NG | OBS | OBS | 35 V |  | 20 V | 100 ma | $85 C$ | 120MWF | IM 16P | 501 P | 1 MA | ALG | OBS | ASY29 | 2N1304 | 0 |
| 2N30 | PC |  |  |  |  |  |  |  |  |  |  |  | PCT | OBS |  |  | 0 |
| 2N31 2N32 | $\left.\begin{array}{l\|} \mathrm{PC} \\ \mathrm{PC} \end{array} \right\rvert\,$ |  |  |  |  |  |  |  |  |  |  |  | PCT <br> PC T | OBS |  |  | 0 |


| TRANSISTOR NUMBER | $\left\|\begin{array}{c} \text { PM } \\ \text { OA } \\ \text { LT } \end{array}\right\|$ | $\begin{array}{\|c} \text { PACK- } \\ \text { AGE } \end{array}$ | $\begin{aligned} & \text { LEAD } \\ & \text { INFO } \end{aligned}$ | $\begin{aligned} & \text { VCB } \\ & \text { MAX } \end{aligned}$ | $\begin{gathered} \text { VCE } \\ \text { MAX } \end{gathered}$ | $\begin{aligned} & \text { VEB } \\ & \text { MAX } \end{aligned}$ | $\underset{\operatorname{MAX}}{\mathbf{I}}$ | $\underset{\text { MAX }}{\mathbf{J}}$ | тот | $\begin{array}{ll} F^{T} & C_{O B} \\ \text { MIN } & \text { MAX } \end{array}$ | $H_{F E}$ | $\begin{gathered} \mathrm{H}_{\mathrm{FE}} \\ \text { BIAS } \end{gathered}$ | USE | MFR | EURO EQVT. | $\begin{aligned} & \text { USA } \\ & \text { EQVT. } \end{aligned}$ | ISS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2N33 | PC |  |  |  |  |  |  |  |  |  |  |  | PCT | 08S |  |  | 0 |
| 2N34 | PG | 1022 | 137 | 40 V | 25 v |  | 100 ma | 75 C | 150MwF | 200k | 35 MN | 1 MA | ALG | OBS | AC125 | 2N406 | - |
| 2N34A | PG | 1022 | L37 | 25 V | 25 V |  | 100MA | $75 C$ | 150MWF | 300K | 35 MN | 1 MA | ALG | OBS | AC125 | 2N406 | 0 |
| 2N35 | NG | 1022 | 137 | 40 V | 25 V | 10 V | 100 MA | 85 C | 180 MWF | 400k | 25/125 | 1 MA | ALG | OBS | AC176 | 2N2430 | 0 |
| 2N36 | PG | 105 | 104 | 20 V | 20 V |  | 8 MA | 50 C | 50 MWF | 200k | 40 MN | 1 MA | ALG | OBS | AC Y 17 | 2N1176 | 0 |
| 2N37 | PG | 105 | L04 | 20 V | 204 |  | 8MA | 50 C | 5 CMWF | 400k | 15MN | 1 Ma | Al 6 | 0es | AC125 | 2N406 | 0 |
| 2N38 | PG | 105 | 104 | 20 V |  |  | 8MA | 80 C | 50 MWF | 200K | 10 MN | 1 MA | ALG | OBS | AC 125 | 2N406 | 0 |
| 2N38A | PG | 105 | 104 | 20 V |  |  | ¢MA | 80 C | 50 MWF | 200k | 15MN | 1 MA | ALG | OBS | AC 125 | 2N406 | 0 |
| 2N39 | PG | OBS | OBS |  |  |  |  |  |  |  |  |  | ALG | OBS | AC125 | 2N406 | 0 |
| 2 N 40 | PG | oes | OBS |  |  |  |  |  |  |  |  |  | ALG | OBS | AC125 | 2N406 | 0 |
| 2N41 | PG | OBS | OBS | 25 V |  |  | 15 NA | 50 C | 50 MWF | 200K | 40 TP | 1 MA | Al, | OBS | AC125 | 2N406 | 0 |
| 2N43 | PG | 105 | 104 | 45 V |  | 5 V | 300MA | 85 C | 240 MWF | 80 P | 53 TP | 1 MA | AMG | OBS | AC 128 | 2N2706 | 0 |
| 2N43A | PG | 105 | 104 | 25V |  | 5 V | 300MA | 85 C | 155 MmF | 80P | 5319 | 1 MA | AMG | OBS | AC128 | 2N2706 | 0 |
| 2 N 44 | PG | 105 | L04 | 45 V |  | 5 V | 300 MA | 85C | 240 MWF | 200K 80P | 317 P | 1 MA | AMG | OBS | ACl 28 | 2N2706 | 0 |
| 2N44A | PG | 105 | 104 | 25 V |  |  | 50 MA |  | 155 MWF | 300K 80P | 317 P | 1 MA | AMG | 08s | ACY17 | 2N1176 | 0 |
| 2N45 | PG | OBS | OBS | 45 V |  | 15 V | 50 Ma | 85 C | 150MWF | 100K 80P | 12 TP | 1 MA | ALG | OBS | AC 125 | 2N406 | 0 |
| 2 4 46 | PG | OBS | ORS | 25 V |  |  | 15 MA | 50 C | 50 MWF |  | 40 TP | 1 MA | Al G | OBS | AC125 | 2N406 | 0 |
| 2N47 | ${ }^{\text {PG }}$ | 08S | OBS | 35 V |  |  | 20 MA | 500 | 50 mFF |  | 39 TP | 1 MA | ALG | OBS | AC125 | 2N4 06 | 0 |
| 2N48 | $P \mathrm{P}$ | OBS | OBS | 35 V |  |  | 20 MA | 50 C | 50 MmF |  | 39 TP | 1 MA | ALG | OBS | AC125 | 2N406 | 0 |
| 2N49 | PG | CBS | OBS | 35 V |  |  | 20 MA | 50 C | 50 MWF |  | 39 TP | 1 MA | AL G | OBS | AC125 | 2N406 | 0 |
| 2N50 | PC |  |  |  |  |  |  |  |  |  |  |  | PC ${ }^{\text {d }}$ | CBS |  |  | 0 |
| 2NE1 | PC |  |  |  |  |  |  |  |  |  |  |  | PCT | OBS |  |  | 0 |
| 2N52 | PC |  |  |  |  |  |  |  |  |  |  |  | PCT | OBS |  |  | 0 |
| 2N53 | PC |  |  |  |  |  |  | 600 | 20 CHF |  |  |  | PC T <br> ANG | CBS | ACY 17 | 2N117t | 0 |
| 2N54 | PG | OES | Oes | 45 V |  |  |  | 600 | 20 CNHF |  |  |  |  |  |  | 2n117e |  |
| 2^55 | PG | cbs | obs | 45 V |  |  |  | 60C | 200 NWF |  |  |  | AMG | 0BS | ACY17 | 2N1176 | 0 |
| 2N56 | PG | OeS | 085 | 60 V |  |  |  | 60 C | 200 MWF |  |  |  | AMG | OBS | ACY17 | 2N1176 | 0 |
| 2N57 | PG | obs | OBS | cov |  |  | 800 Na | 85 C | 2 CWC | 200k | $601 p$ | 200 MA | ANG | OBS | AD162 | 2N2835 | 0 |
| 2N59 | PG | 105 | 104 | 25V |  | 10 V | 200MA | $85 C$ | 180 MWF | 800 K 80 P | 901P | 100 mA | AMG | OBS | ACY17 | 2N1176 | 0 |
| 2A59A | PG | 105 | L04 | 40 V |  | 10 V | 200MA | 85 C | 180 MmF | 800 K 80 P | 9018 | 100MA | AMG | OBS | ACY17 | 2N1176 | 0 |
| - 1598 | PG | 105 | 104 | 50 V |  | 1 cv | 200MA | 85 C | 180 MWF | 800K 80P | gotp | 100 MA | AMG | OBS | ACY17 | 2N1176 | 0 |
| 2N59C | PG | 105 | LC4 | 60 V |  | 10 V | 200MA | 85 C | 180 MWF | 800K 80P | 90тP | 100 MA | AMG | OBS | ACY17 | 2N1176 | 0 |
| 2N60 | PG | 105 | 104 | 25 V |  | 10 V | 200MA | 85C | 180 MWF | 600k 80P | 7019 | 100 MA | ANG | CBS | AC Y 17 | 2N1176 | 0 |
| 2N60A | $P G$ | 105 | L04 | 40 V |  | 10 V | 200MA | 85 C | 180 MWF | 600K 80P | 7018 | 100 MA | AMG | 08S | ACY17 | 2N1176 | 0 |
| $2 \mathrm{N6OB}$ | PG | tos | 104 | 50 V |  | 10V | 200MA | 85 C | 18CMWF | $600 \mathrm{~K} \mathrm{80P}$ | 70TP | 10 CMA | AMC | OBS | ACY 17 | 2N1176 | 0 |
| 2N60C | PG | 105 | LC4 | 60 V |  | 10 V | 20nma | 85. | 180MWF | 600K 8 CP | 70TP | 100 MA | AMg | OBS | ACY17 | 2N1176 | 0 |
| 2N61 | PG | 105 | L04 | 25 V |  | 10 V | 200 MA | $85 C$ | 180 MWF | $400 \mathrm{~K} \mathrm{80P}$ | 45 TP | 100MA | AMG | OBS | ACY17 | 2N1176 | 0 |
| 2N61A | PG | 105 | L04 | 40 V |  | 10 V | 200 MA | 85 C | 180 MWF | $400 \mathrm{~K} \mathrm{80P}$ | 45 TP | 100 MA | AMG | CBS | ACY 17 | 2N1176 | 0 |
| 2N618 | $P_{6}$ | T05 | L04 | 50 V |  | 10 V | 200 MA | 85 C | 180 MWF | 400k 80 P | 457 P | 100 MA | AMG | OBS | ACY17 | 2N1176 | 0 |
| 2N6IC | PG | 105 | L04 | 60 V |  | 10V | 200 MA | 85 C | 180 MWF | 400 K 80P | 45 TP | 100 Ma | AMG | OBS | ACYI 7 | 2N1176 | 0 |
| 2N62 | PG | ces | 085 | 35 v |  |  | 20\%A |  | 50 MWF |  | 25 MN | 1 MA | ALG | CBS | AC125 | 2N406 | 0 |
| $2 N 63$ | $P \mathrm{P}$ | T0S | 104 | 25 V | 22 V | 12 V | 10 MA . | $85 C$ | 100 MWF | 100 K | $22 T \mathrm{P}$ | 1 MA | ALG | OBS | AC125 | 2N406 | 0 |
| 2N64 | $P \mathrm{P}$ | 105 | LC4 | 25 V | 22 V | 12v | 10 mA | 85 C | 10cmwf | 150K | 501 P | 1 MA | Al G | 08S | AC 125 | 2N406 | 0 |
| 2N65 | PG | 105 | L04 | 12 V | 12 V |  | 10 MA | 85C | 100MWF |  | 901P | 1 MA | ALG | OBS | AC125 | 2N406 | 0 |
| 2N66 | PG | 085 | ors | 40 V | 40 V |  | 800 MA | 80C | IWF | 100K |  |  | AMG | OBS | AD 162 | 2N2835 | 0 |
| 2N67 | PG | ObS | 0 es | 25 V |  |  | 1500 MA | 700 | 2 wF | 100k |  |  | AHG | OBS | AD162 | 2N2835 | 0 |
| 2N68 | PG | CBS | OBS | 30 V | 15 v | 15 V | 1500 MA | 75 C | 4 WC | 150K | $40 T \mathrm{P}$ | 50 MA | AMG | OBS | AC128 | 2N2706 | 0 |
| 2N71 | PG | OBS | OBS | 5 CV | 50 V |  | 250 MA | 60C | IWF | 100K |  |  | AHE | OBS | AC162 | 2N2835 | 0 |
| 2N74 | $\mathrm{P}_{\mathrm{G}}$ | oes | OBS | 50 V | 50 V |  |  |  | 200MWF |  |  |  | ALG | OBS | AC 125 | 2N406 | 0 |
| 2N 12 | PC |  |  |  |  |  |  |  |  |  |  |  | PCT | OBS |  |  | 0 |
| 2N75 | PG | oes | oes | 50 V | 50 V |  |  |  | 20 CNFF |  |  |  | ALG | 0es | AC125 | 2N406 | 0 |
| 2N73 | PG | 0es | 085 | 50 V | 50 V |  |  |  | 200 MWF |  |  |  | ALG | OBS | AC125 | 2N406 | 0 |
| 2N76 | PG | 08S | 0 S | 20 v |  |  | 10 Ma | 60C | 175 MWF | 200k | 301 P | 1 MA | ALE | OBS | AC 125 | 2N406 | 0 |
| 2N71 | NG | 105 | 104 | 25 V |  |  | 15 MA | 50 C | 35 MWF | 200 K 80P | $551 P$ | 100UA | ALG | OBS | ASY29 | 2N1304 | 0 |
| 2N78 | NG | 105 | 104 | 15 V | 15 v | 5 V | 20MA | 856 | 65 MmF | 4M 6P | $901 P$ | 1 MA | RLG | OBS | ASY29 | 2N1304 | 0 |
| 20178 | NG | 105 | L04 | 20 V | 20 V | 5 V | 20MA | 85C | 65*WF | 4M 6P | gotp | 1 MA | RLG | OES | ASY29 | 2N1304 | 0 |
| 2N79 | PG | oes | OBS | 30 V |  |  | 50 MA |  | 35 Mm | 300K | 4619 | 1 MA | ALG | 08S | AC125 | 2N406 | 0 |
| 2N80 | PG | 08S | OBS | 20 V |  |  | 15 MA |  | 50 MWF |  | 301 P | 1 MA | AL G | OBS | AC 125 | 2N406 | 0 |
| 2N81 | PG | 085 | OBS | 20 V |  |  | 15 MA |  | $\bigcirc 0 \mathrm{MWF}$ |  | 301 P | 1 MA | AL G | OBS | AC125 | 2N406 | 0 |
| 2N82 | PG | oes | OBS | 20 V |  |  | 15 MA |  | 35 MWF |  | 30 TP | 1 MA | ALG | OBS | AC 125 | 2N4 06 | 0 |
| $2{ }^{\text {A } 83}$ | PG | CBS | OBS | 66 V | 60 V | 12 V | 2 A | 85 C | 10 WC | 150k | 1 18TP | 50 CMA | AHH | OBS | ASZ15 | 2N1533 | 0 |
| 2N83A | PG | 08 S | OBS | 66 V | 60 V | 12 V | 3 A | 85 C | 10 WC | 175k | 18 TP | 1 A | AHH | OBS | ASZ15 | 2N1533 | 0 |
| 2N84 | PG | CBS | OBS | 50 V | 45 v | 12 V | 2 A | 85 C | 10 WC | 175K | 2019 | 500 MA | AHG | OBS | AS216 | 2N1536 | - |
| 2N84A | PG | 08S | OBS | 50 V | 45 V | 12 V | 3 A | 85 C | 10 WC | 175 K | 20TP | 1 A | AHG | OBS | AS216 | 2N1536 | 0 |
| 2^94 | NG | 1022 | L37 | 20 V |  | $5 v$ | 100 MA | 85 C | 150 MWF | 1\% 22 P | $501 p$ | 1 MA | RLG | 0 OS | ASY29 | 2N1304 | 0 |
| 2N94A | nG | 1022 | 137 | 20 V |  | 5 v | 100 ma | 85 C | 150 MWF | 2M 22 P | $501 P$ | 1 MA | RLG | OBS | ASY29 | 2N1304 | 0 |
| 2N93 | ng | OBS | 0 SS | 30 V | 15 V | 15 V | 1500 MA | $75 C$ | 4 WC | 175K | 4019 | 50 MA | AMG | OBS | AC 176 | 2N2430 | 0 |
| 2N96 | PG | OES | OBS | 30 V |  |  | 20MA | 55 C | 5 CMWF | 200k | 35 TP | 1 MA | ALG | OBS | AC125 | 2N406 | 0 |
| 2ヘ97 | $\wedge G$ | 105 | L04 | 30 V | 30 V |  | 10NA | 75 C | 50 MWF | 400 K 38 P | 1319 | 1 MA | ALG | 0 OS | ASY29 | 2N1304 | 0 |
| 2197A | NG | 105 | 104 | 40 V | 40 V |  | 10 ma | 85C | 5 CMWF | 400 K 38 P | 13 TP | IMA | ALG | OBS | ASY29 | 2N1304 | 0 |
| 2Ns8 | ng | 105 | 104 | 40 V | 40 V |  | 10 ma | 750 | 50 MWF | 1 M 28 P | $40 T P$ | 1 MA | RLG | OBS | ASY29 | 2N1304 | 0 |
| 2N98A | NG | 105 | 104 | 40 V | 40 V |  | 10 MA | 75 C | 50 MWF | 1 M 28 P | 401 P | 1 MA | RLG | OBS | ASY29 | 2N1304 | 0 |
| 2N99 | NG | 105 | 104 | 40 V | 40 V |  | 10 MA | 750 | 50 MmF | 1500 K 20 P | 40 IP | 1 MA | RLG | OBS | ASY29 | 2N1304 | 0 |
| 2N100 | NG | OBS | 08S | 25V | 25 V |  | 5 MA | 50 C | 25 MWF | 2 M | 100 TP | 1 MA | RLG | OBS | ASY29 | 2N1304 | 0 |
| 2N101 | PG | CBS | OBS | 30 V | 15 V | 15 V | 1500ma | 750 | lwf |  | 11 MN | 500mA | AHG | OBS | ACl88k |  | 0 |
| 2N102 | NG | oes | OBS | 30 V | 30 V | 15 V | 1500ka | 75C | 1 WF |  | 11 MN | 500 MA | AHG | OBS | AC187k |  |  |
| 2 N 103 | NG | T05 | L04 | 35 V |  |  | 10 MA | 756 | 50 MWF | 300K 40 P | 4MN | 1 MA | ALG | OBS | ASY29 | 2N1304 | 0 |
| 2N104 | PG | $\times 01$ | LC3 | 30 V |  | 12V | 50 MA | 75 C | 15 CMWF | 300 K 60 P | 44 TP | 1 MA | AL G | RCU | AC125 | 2N406 | 0 |
| 2N105 | PG | OBS | 085 | $25 v$ |  |  | 15 MA | 75 C | 35 MWF | 300K 30P | 55 TP | 7000 A | ALN | RCU | AC107N |  | 0 |
| 2N106 | PG | 1022 | 137 | 15 V |  |  | 10 NA | 85 C | 100 MWF | 300K 60P | 4519 | 500 UA | AlG | OBS | AC 125 | 2N406 | 0 |


| TRANSISTOR | $\left\|\begin{array}{c} \text { PM } \\ \text { OA } \\ \text { LT } \end{array}\right\|$ | $\begin{aligned} & \text { PACK- } \\ & \text { AGE } \end{aligned}$ | $\begin{array}{\|c\|c\|} \hline \text { LEAD } \\ \text { INFO } \end{array}$ | $\begin{aligned} & \text { VCB } \\ & \text { MAX } \end{aligned}$ | $\begin{gathered} \text { VCE } \\ \operatorname{MAX} \end{gathered}$ | $\begin{aligned} & \text { VEB } \\ & \text { MAX } \end{aligned}$ | $\stackrel{I_{\text {MAX }}^{c}}{\text { ( }}$ | $\underset{\text { MAX }}{\mathbf{T}}$ | TOT | $\begin{aligned} & \mathbf{F}_{\mathbf{T}} \\ & \text { MIN } \end{aligned}$ |  | $\mathbf{H E}_{\text {FE }}$ | $\begin{gathered} \mathrm{H}_{\mathrm{FE}} \\ \text { BIAS } \end{gathered}$ | USE | MFR | $\begin{aligned} & \text { EURO } \\ & \text { ENMVT } \end{aligned}$ | $\begin{aligned} & \text { USA } \\ & \text { EQVT. } \end{aligned}$ | ISS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2N 107 | PG | OBS | OBS | 12 V |  |  | 10 MA | 60C | 50 NWF | 400k | 70 P | 1919 | 1 Ma | ALG | obs | AC 125 | 2N406 | 0 |
| 2N108 | PG | oes | OBS | 20 V |  |  | 15 MA | 60 C | 50 MWF |  |  | 80 TP | IMA | ALG | OBS | AC125 | 2N406 | 0 |
| 2N109 | PG | $\times 01$ | 103 | 35 V | 25v | 12 V | 150 mA | 85 C | 165 MWF | 150K | 60P | 65 MN | 50 MA | AMG | RCU | AC128 | 2N2706 | - |
| 2N110 | PC |  |  |  |  |  |  |  |  |  |  |  |  | PCT | OBS |  |  | 0 |
| 2N111 | PG | 1022 | 137 | 30 V | 15 V | 20 V | 200MA | 85 C | 130MWF | 1 M | 24 P | 257p | 1 MA | RMG | OBS | ASY27 | 2N 1305 | 0 |
| 2^111A | PG | OBS | OBS | 30 V | 15 V | 20 V | 200MA | 850 | 130 NWF | 1 M | 24 P | 2519 | 1 ma | RMG | OBS | AS Y 27 | 2N1305 | 0 |
| 2N112 | PG | 1022 | L37 | 30 V | 15v | 20 V | 200MA | $85 C$ | 130 MWF | 2 N | 24 P | 30 TP | 1 Ma | R MG | OBS | ASY27 | 2N1305 | 0 |
| 2N112A | PG | oes | OBS | 30 V | 15 V | 20 V | 200MA | 85 C | 130 MWF | 2M | 24 P | $301 p$ | 1 Ma | RMG | OBS | ASY27 | 2N1305 | - |
| 2N113 | PG | 1022 | L37 | 30 V | 6 V | 20 V | 200~A | 85 C | 130 MWF | 4 M | 24 P | 45 TP | 1 MA | RMG | OBS | ASY2 7 | 2N1305 | - |
| 2N114 | PG | 1022 | 1.37 | 30 V | 6 V | 20 V | 200MA | 850 | 130 MWF | 8 M | 24P | 75 TP | 1 MA | RMG | OBS | ASY27 | 2N1305 | 0 |
| 2N117 | NS | T022 | L37 | 45 V |  | 1 V | 25 NA | 175c | 150 MWF | 2 N | 14P | 15 TP | 1 MA | ALG | OBS | BC107 | A157 | 0 |
| 2N118 | NS | 1022 | L37 | 45 V |  | IV | 25 MA | 1756 | 150 MWF | 2 N | 14 P | 29 TP | 1 MA | ALG | OBS | 8C107 | A157 | 0 |
| 2N1184 | NS | 1022 | L37 | 45 v |  | Iv | 25 MA | 165C | 150 MWF | 3 M | 14 P | 54 TP | 1 MA | ALG | OBS | 8C107 | Al 57 | 0 |
| 2N119 | NS | 1022 | 137 | 45 V |  | iv | 25 MA | 175C | 150MWF | 2 M | 14 P | 63 TP | 1 MA | ALG | OBS | BC 107 | A157 | 0 |
| 2N120 | As | 1022 | 137 | 45 V |  | 1 V | 25.9 MA | 175C | 150 NWF | 3 M | 14 P | 200 TP | 1 ma | ALG | OBS | BC107 | A157 | 0 |
| 20122 | NS | oes | OBS | 120 V |  | 1 V | 140MA | 150C | 9 wC |  |  | 2018 | 100 ma | AMH | 118 | 8SW66 | 2N1893 | 0 |
| 2N123 | PG | OBS | OBS | 20 V | 15 V | 10 V | 125 MA | 85 C | 150 MWF | 4M | 24 P | 75 TP | 1 CMA | RMG | OBS | ASY27 | 2N1305 | 0 |
| 2N124 | NG | 1022 | L37 | 10 V |  | 5 V | 8MA | 750 | 50 MWF 1 | 200k | 20P | 1819 | 1 MA | RLG | OBS | ASY29 | 2N1304 | 0 |
| 2N125 | NG | 1022 | 137 | 10 V |  | 5 V | 8MA | 750 | 50 MWF | 2 M | 20P | $36 T P$ | 1 MA | RLG | OBS | ASY29 | 2N1304 | 0 |
| 2N126 | AG | 105 | L04 | 10 V |  | 5 V | 8 MA | 750 | 50 NHF | 2 N | 25P | 201P | IMA | RLG | OBS | AS Y 29 | 2N1 304 | 0 |
| 2N128 | PG | obs | OBS | 10 V | 4 V | 10 V | 5 MA | 85 C | 25 Mm | 40 M | 6 6 | 19 MN | 500UA | RLA | OBS | AF124 | 2N990 | 0 |
| 2N129 | PG | OBS | OBS | 10V | 4 V | 10 V | 5 MA | 85C | 25 MWF | 30 M | 6P | 20TP | 500UA | RLA | OBS | AF124 | 2N990 | 0 |
| 2N130 | PG | T05 | L04 | 25 V | 22 V | 12 V | 10 MA | 85 C | 85 MWF | 300k | 80P | 24 TP | 1 MA | ALG | OBS | AC 125 | 2N406 | 0 |
| 2N130A | PG | 105 | 104 | 45 V | 40 V | 12 V | 100mA | 85 C | 10 CMWF | 300K |  | 26 TP | 1 MA | ALG | OBS | AC 125 | 2N406 | 0 |
| 2M131 | PG | 105 | L04 | 25 V | 15v | 12 V | 10NA | 85 C | 85 MWF | 350K | 80 P | 50TP | 1 MA | ALG | OBS | ACl25 | 2N406 | 0 |
| 2N131A | PG | to5 | 104 | 45 V | 30 V | 12 V | 100ma | 85 C | 100 MWF | 300k |  | 45 | 1 MA | ALG | OBS | AC 125 | 06 | 0 |
| 2N132 | PG | 105 | 104 | 25 V | 12 V | 12 V | 10 MA | 85 C | 85 MWF | 400K | 80p | 901 P | IMA | ALG | OBS | AC 125 | 2N406 | 0 |
| 2N132A | PG | 105 | L04 | 35 V | 20 V | 12 V | 100ma | 856 | 100 MWF | 4 COK |  | gotp | 1 MA | AL G | OBS | AC125 | 2N406 | 0 |
| 2N133 | PG | ics | L04 | 25 V | 15 V | 12 V | 10 MA | 85C | 85 MWF | 300k | 80 P | $501 p$ | 1 MA | ALG | O8S | AC125 | 2N406 | 0 |
| 2N133A | PG | 105 | L04 | 45 v | 30 V | 12 V | 100ma | 85C | 100 MwF | 300k |  | S0TP | 1 MA | ALG | OBS | AC125 | 2N406 | 0 |
| 2N135 | $P G$ | obs | OBS | 20 V | 12 V |  | 50MA | 850 | 100 | 2 M | 25P | 2019 | A | RLG | OBS | ASY27 | 2N1305 | 0 |
| 2N136 | PG | obs | OBS | 20 V | 12 V |  | 50MA | 856 | 100 MWF | 3 N | 25 P | 201P | 1 MA | RLG | OBS | ASY27 | 2N1305 | 0 |
| 2N137 | PG | cbs | 0bS | 20 V | 6 V |  | 50 MA | 85 C | 100 MWF | 4 M | 25 P | 60 Pp | 1 MA | RLG | OBS | A SY27 | 2N1305 | 0 |
| 2N138 | PG | 1022 | L37 | 20 V | 12 V |  | 150MA | 75 C | 15 CMWF |  |  | 44 TP | 50 mA | AMG | OBS | AC128 | 2N2706 | 0 |
| 2N138A | PG | oes | ObS | 45 V | 30 V |  | 100 ma | 85C | 240 MWF | 600k |  | 40 TP | 1 MA | ALG | OBS | AC125 | 2N406 | 0 |
| 2N138B | PG | OBS | 085 | 45 V | 30 V |  | 100 ma | 85 C | 100 mmF | 600k |  | TP | 1 MA | ALG | ORS | AC125 | 06 | 0 |
| 2N139 | PG | $\times 01$ | L03 | 16 V | 12 V | 12 V | 15MA | 756 | 35 NFF | 2 N | 12 P | 48 TP | INA | RLG | RCU | 0 C 44 N | 2N2614 | 0 |
| $2 \mathrm{N140}$ | PG | $\times 01$ | L03 | 16 V | 9 v | 12 V | 15 MA | 75 C | 80 MWF | 4 N | 12P | 75 N | 600UA | RLG | RCU | OC44N | 2N2614 | 0 |
| 2N141/13 | PG | obs | 08S | 60 V | 30 V | 30 V | 1 A | 75 C | 20 WC | 200k |  | 25 MN | 500 Na | AMG | OBS | A0162 | 2N2835 | 0 |
| 2N142/13 | NG | oes | 085 | 60 V | 60 V | 30 V | 800ma | 750 | 4 Wil | 200k |  | 30 TP | 50 OMA | AMG | OBS | AD161 | 2N4077 | 0 |
| 21143 | PG | Obs | 0 OS | 60 V | 30 V | 30 V | 1 A | 75 C | 20 WC | 200k |  | 10 MN | 250 Na | AMG | OBS | AD162 | 2N2835 | 0 |
| 2N144/13 | NG | oes | oes | 60 V | 60 V | 30 V | 800mA | 75 C | 4 WC | 200k |  | 11 MN | 250 MA | AMG | OBS | AD161 | 2N4077 | 0 |
| 2N145 | NG | T022 | L 37 | 20 V |  |  | SMA | 75 C | 5 MmF | 600k | 2 P | 30TP | 1 MA | RLG | OBS | ASY29 | 2N1304 | 0 |
| 2N146 | ng | 1022 | L37 | 20 V |  |  | 5 MA | 750 | 65 | 700k | 2 P | 50TP | IMA | RLG | OeS | ASY29 | 2N1304 | 0 |
| 2N147 | ng | T022 | 137 | 20 V |  |  | 5MA | 750 | 65 MWF | 800k | 2P | 70TP | 1 MA | RLG | OBS | ASY29 | 2N1 304 | 0 |
| 21148 | NG | T022 | L37 | 16 V |  |  | 5MA | 750 | 65 MWF | 500k | 2 P | $50 T \mathrm{P}$ | 1 MA | RLG | OBS | A SY29 | 2N1304 | 0 |
| 2N148A | NG | 1022 | 137 | 32 V |  |  | 5 MA | 75 C | 65 MWF | 500k | 2 P | $501 p$ | 1 Na | RLG | OBS | ASY29 | 2N1304 | 0 |
| 2N149 | NG | 1022 | L37 | 16 V |  |  | 5 MA | 75 C | 65 MWF | 50JK | 2 P | 50 TP | IMA | RLG | OBS | ASY29 | 2N1304 | 0 |
| 2N149A | $n \mathrm{n}$ | T022 | L37 | 32 V |  |  | 5NA | 750 | 65 MWF | 500k | 2 P | $501 p$ | MA | RLG | OBS | ASY29 | 2N1304 | 0 |
| 2N150 | ng | T022 | L37 | 16 V |  |  | 5 MA | 750 | 65 MWF | 500k | 2 P | 5019 | IMA | RLG | OBS | AS Y29 | 2N1304 | 0 |
| 2N150A | NG | ro22 | 137 | 32 V |  |  | 5 MA | 75 C | 65 MWF | 500k | 2P | 5019 | 1 MA | RLG | OBS | A SY29 | 2N1304 | 0 |
| 2N155 | PG | 103 | LC5 | 30 V | 15 | 15 V | 3 A | 85 C | 20wC | 100K |  | 32 | 500 ma | AHG | OBS | ASZ16 | 2N1 536 | 0 |
| 2N. 156 | PG | obs | ObS | 30 V | 30 V | 15 V | 3 A | 85 C | 2 CWC | 100K |  | 25 MN | 50 OMA | AHG | OBS | AS216 | 2N1536 | 0 |
| 2N157 | PG | T03 | L05 | 60 V |  | 30 V | 3 A | 85 C | 2 ChC | 100k |  | 25 NN | 500 mA | AHG | OBS | AS216 | 2N1536 | 0 |
| 2A157A | PG | to3 | L05 | 90 V |  | 30 V | 3 A | 856 | 20 WC | 100k |  | 25 MN | 500 MA | AHH | OBS | AS<15 | 2N1533 | 0 |
| 2N158 | PG | OES | OBS | 60 V | 60 v | 30 V | 3 A | 85 C | 20 WC | 100k |  | 21 MN | 500 mA | AHH | OBS | ASL15 | 2N1536 | 0 |
| 2N158A | PG | CBS | 08S | 80 V | 60 V | 30 V | 3 A | 85 C | 20 WC | 100k |  | 21 MN | 500 ma | AHH | OBS | ASZ15 | 2N1533 | 0 |
| 2N160 | ns | T022 | 137 | 40 V |  | IV | 25 MA | 1756 | 150 MWF | 2 M | 12P | 15 T P | 1 MA | RLG | OBS | BC107 | A157 | 0 |
| 2N160A | NS | 1022 | 137 | 40 V |  | 5 V | 25 MA | 175C | 150 MWF | 2 N | 12 P | 15 TP | 1 MA | RLG | OBS | BC107 | A157 | 0 |
| 2N161 | NS | T022 | L37 | 40 V |  | 1 V | 25 MA | 175C | 150MWF2 | 2500K | 12P | 3019 | IMA | RLG | OBS | BC107 | A157 | 0 |
| 2N161A | NS | 1022 | L37 | 40 V |  | 5 v | 25 MA | 175C | 150 MmF 2 | 2500k | 12P | 30 TP | IMA | RLG | OBS | BC 107 | Al 57 | 0 |
| 2N102 | as | 1022 | 137 | 40 V |  | 1 V | 25 MA | 1506 | 150 MWF | 3 M | 12P | 3919 | 1 MA | RLG | OBS | BC107 | A157 | 0 |
| 2N162A | ns | 1022 | 137 | 40 V |  | 5 V | 25 MA | 150C | 150 MWF | 3 N | 12 P | 3919 | IMA | RLG | OBS | BC107 | A157 | 0 |
| 2N163 | NS | 1022 | 137 | 40 V |  | IV | 25 MA | 150 C | 150 NHF | 3 N | 12 P | 7819 | 1 MA | RLG | OBS | 8 Cl 107 | A157 | 0 |
| 2N163A | NS | T022 | L37 | 40 V |  | Iv | 25 MA | 150 C | 150 MWF | 3 N | 12 P | 781p | IMA | RLG | OBS | 8C107 | A157 | 0 |
| 2N164A | ng | T05 | L04 | 15 V | 15 V |  | 20 MA | 85 C | 65 NWF | 4 M | 5P | 40 TP | 20UA | RLG | OBS | ASY29 | 2N1304 | 0 |
| 2N165 | NG | 105 | 104 | 15 V | 15v |  | 20 MA | 85 C | 65 MWF | 2 N | 5 P | 72 TP | 20UA | RLG | OBS | AS Y 29 | 2N1304 | 0 |
| 2N160 | NG | 105 | L04 | 6 V | 6 V |  | 20 MA | 50 C | 35 MWF | 2 M | 5 P | $321 p$ | 1 MA | RLG | OBS | ASY29 | 2N1304 | 0 |
| 2N167 | NG | 1022 | 137 | 30 V | 30 v | 5 V | 75 MA | 75 C | 75 MWF | 4 M | 5 P | 65 TP | IMA | RLG | OBS | ASY29 | 2N1304 | 0 |
| 2N167A | NG | r022 | 137 | 30 V | 30 V | 5 V | 25 MA | 75 C | 75 MWF | 4 M | 9 P | 30 TP | 8MA | RLG | OBS | ASY29 | 2N1304 | 0 |
| 2^168 | NG | T05 | 104 | 15 V | 9 V |  | 20 MA | 85 C | 65 MWF | 2 M |  | 90 TP | IMA | RLG | OBS | ASY29 | 2N1304 | 0 |
| 2N168A | NG | 1022 | L37 | 15 V | 15 v |  | 20 MA | 85C | 65 MhF | 3 H | 5 P | 40 TP | IMA | RLG | CBS | ASY29 | 2N1304 | 0 |
| 2N169 | NG | T022 | L37 | 15V | 15 v |  | 20MA | 85 C | 65 MWF | 3 N | 5 P | 72 TP | 1 MA | RLG | OBS | ASY29 | 2N1304 | 0 |
| 2N169A | NG | T022 | L37 | 25 V | 25 V | 5 V | 25 MA | 85 C | 65 MWF | 4 M | 5 P | $501 p$ | 1 MA | RLG | OBS | ASY29 | 2N1 304 | 0 |
| 2N170 | NG | T022 | L37 | 6 V | 6 V |  | 20 MA | 85C | 25 MWF | 1 M | 6 P | $201 p$ | 1 MA | RLG | OBS | ASY29 | 2N1304 | 0 |
| 2N172 | $\wedge \mathrm{A}$ | T022 | L37 | 16 V | 16 V | 10 V | 5MA | 75c | 65 MWF | 1 N | 2 P | 40 PP | IMA | RLG | OBS | ASY29 | 2N1304 | 0 |
| 2N173 | PG | 103t | L13 | 60 V | 45 V | 40 V | 15A | 100C | 150 WC | 100k |  | 35170 | 5 A | AHG | M08 | ADE12 | 2N1100 | 0 |
| 2N174 | PG | T036 | 113 | 80 V | 55 V | 60 V | 154 | 100C | 150 WC | 100k |  | 25/50 | 54 | AHG | MOB | ADZ12 | 2N1100 | 0 |
| 2N174A 2N175 | PG | ¢03t | $\left\lvert\, \begin{aligned} & \text { L1 } \\ & \text { L03 }\end{aligned}\right.$ | 80 V 10 v | 40 V | 60 V 10 V | 15 A | 100 C 85 C | 150 WC 20 miFF | 100k | 70P | $40 / 80$ 6519 | 1200 ma 1500 UA | AHG | OBS | AD212 AC125 | 2N1100 2N406 | 0 |


| TRANSISTOR NUMBER | $\begin{array}{\|c\|} \hline \text { PM } \\ O A \\ \text { LT } \end{array}$ | $\begin{array}{\|c} \text { PACK- } \\ \text { AGE } \end{array}$ | $\begin{array}{\|c\|c\|} \hline \text { LEAD } \\ \text { INFO } \end{array}$ | $\begin{aligned} & \text { VCB } \\ & \text { MAX } \end{aligned}$ | $\begin{aligned} & \text { VCE } \\ & \text { MAX } \end{aligned}$ | $\begin{aligned} & \text { VEB } \\ & \text { MAX } \end{aligned}$ | ${ }_{\text {MAX }}^{\mathbf{I}}$ | $\stackrel{\mathbf{T}}{\operatorname{MAX}}$ | тоТ | $\begin{array}{ll} F^{T} & C_{0 B} \\ \text { MIN } & \text { MAX } \end{array}$ | $\mathbf{H E}_{\text {FE }}$ | $\begin{gathered} \mathrm{H}_{\mathrm{FE}} \\ \text { BIAS } \end{gathered}$ | USE | MFR | $\begin{aligned} & \text { EURO } \\ & \text { EQVT. } \end{aligned}$ | $\begin{aligned} & \text { USA } \\ & \text { EQVT. } \end{aligned}$ | Iss |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2N176 | PG | TC3 | LC5 | 40 V | 12 V |  | 3 A | 90 C | 9 CwC | 125K | 25／90 | 500ma | AHG | MCB | ASZ16 | 2N1536 | 0 |
| $2 \mathrm{N178}$ | PG | r03 | L05 | 30 V | 30 V | 20 V | 3 A | 90 C | 90 WC | 100k | 15／45 | 500ma | AHG | MOB | AS 216 | 2N1536 | 0 |
| 21180 | PG | 105 | L04 | 30 V | 30 V | 30 V | 25MA | 75 C | 150 MWF | 300K 40P | 6019 | 1 MA | ALG | OBS | AC128 | 2N406 | 0 |
| 2N181 | PG | 105 | L04 | 30 V | 30 V | 30 V | 38 MA | 75C | 250 MWF | 300K 40P | 60 TP | 1 MA | ALG | OBS | AC128 | 2N406 | 0 |
| 2N182 | NG | 105 | L04 | 25 V |  | 15 V | 10 MA | 75 C | 100 MWF | 2 M 20 P | 25 TP | 1 MA | RLG | obs | ASY29 | 2N1304 | － |
| 2N183 | NG | 105 | 104 | 25 V |  | 15 V | 10 MA | 75 C | 10 CMWF | 3 M 20 P | 40 TP | 1 MA | RLG | OBS | ASY29 | 2N1304 | 0 |
| 2N184 | ng | 10， | L04 | 25 V |  | 15 V | 10 MA | 75C | 100MWF | 7M 20P | 601P | 1 MA | RLG | OBS | A Y Y 29 | 2N1304 | 0 |
| 2N185 | PG | 1022 | L37 | 20 V | 20 V | 10 V | 150MA | 75 C | 15 CMWF |  | 8019 | 50 MA | AMG | OBS | AC128 | 2N2706 | 0 |
| 2N186 | PG | oes | OBS | 25 V |  | 5 V | 200 mA | 85 C | 100 MWF | 300K 80P | 24 TP | 1 MA | AMG | OBS | AC 128 | 2N2706 | 0 |
| 2N186A | PG | CBS | OBS | 25 V |  | 5 V | 200NA | 85 C | 200MWF | 300K 800 | 24 TP | 100Na | AMG | OBS | AC128 | 2N2706 | 0 |
| 2N187 | ${ }^{P} \mathrm{PG}$ | oes | OBS | 25 V |  | 5 V | 200MA | 85C | 10 CMWF | 400k 80p | 36 | 10 cma | AMG | OBS | AC128 | 2N2706 | 0 |
| 2N187A | PG | oes | OBS | 25 V |  | 5 V | 200mA | 85 C |  | 400k 80P | 36 TP | 100 MA | AMG | OBS | AC128 | 2N2706 | 0 |
| 2N188 | PG | OBS | OBS | 25 V |  | 5 V | 200～A | 85 C | 100 MWF | 500K 80P | 54 TP | 1 MA | AMG | OBS | AC 128 | 2N2706 | 0 |
| 2N188A | PG | OBS | OBS | 25 v |  | 5 V | 200MA | 856 | 200 MWF | 500K 80P | 54 TP | 100MA | $A^{\prime N G}$ | OBS | AC 128 | 2N2706 | 0 |
| 2N189 | PG | oes | OBS | 25 V |  | 5 V | 200MA | 85C | 200MWF | 300K 80p | 32 TP | 1 MA | AMG | OBS | AC 128 | 2N2706 | 0 |
| 2N190 | PG | OeS | 08 S | 25 V |  | 5 V | 200ms | 85 C | 200 MWF | 400k 80p | 42 TP | 1 MA | AMG | OBS | AC128 | 2N270t | 0 |
| 2N191 | PG | oes | ObS | 25 V |  | 5 V | 200 MA | 85 C | 200 MwF | 500K 80P | 67 TP | 1 MA | AMG | OBS | AC128 | 2N2706 | 0 |
| 2N192 | PG | obs | obs | 25 V |  | 5 V | 200NA | 85 C | 200MWF | 700k 80P | gotp | 1 MA | AMG | OBS | AC 128 | 2N2706 | 0 |
| 2＾193 | NG | 1022 | L37 | 18 V |  | 5 V | 万OMA | 750 | 150 MWF | 1 M 22 P | 1019 | 1 MA | RLG | OBS | AS Y29 | 2N1 304 | 0 |
| 2N194 | NG | 1022 | L37 | 25 v | 18 v |  | 100MA | 756 | 50 MhF | 200k 22P | 1019 | 1 MA | RLG | OBS | ASY29 | 2N1304 | 0 |
| 2A194A | $\wedge G$ | 10 | L3 | 18 V | 18 V | 5 V | 50 MA | 750 | 50 MWF 1 | 200K 22P | 101 P | 1 MA | RLG | CES | ASY29 | 2N1304 | 0 |
| 2N194A | G | 1022 | 137 | 18 V | 18 V | 5 V | 50MA | 75 C | 50 M | 1200K 22P | 10 TP | 1 MA | RLG | OBS | ASY29 | 2N 1304 | 0 |
| 2N195 | PG | ros | L04 | 15 V | 12 V | 6 V | 30NA | 750 | 200MWF | 400k | 180TP | 1 MA | ALG | OBS | AC 125 | 2N406 | 0 |
| 2N196 | PG | 105 | L04 | 30 V | 25 v | 6 V | 30 MA | 750 | 200 MWF | 350 K | 50 TP | 1 MA | AlG | OBS | AC 125 | 2N40s | 0 |
| 2N197 | PG | tos | L04 | 30 V | 25 V | 6 V | 30 MA | 7.56 | 200 MhF | 300K | $40 T \mathrm{P}$ | 1 MA | ALG | OBS | AC125 | 2N406 | 0 |
| 2N198 | PG | 105 | LC4 | 30 V | 25 | 6 V | 0 M | 750 | 200 MWF | 300k | 301 T | 1 ma | ALG | 0es | AC125 | 2N406 | 0 |
| 2N199 | PG | 105 | L04 | 30 V | 25 | 6 V | 30 mA | 75 C | 200 MWF | 200k | 15 TP | 1 MA | ALG | OBS | AC125 | 2N406 | 0 |
| 2N200 | PG | T05 | 104 | 36 V | V | 12 V | 100NA | 85 C | 350 MWF | 200k | 30 TP | 1 MA | ALG | OBS | AC 125 | 2N406 | 0 |
| 2ヘ204 | PG | T05 | 204 | 36 V | 30 V | 12 V | IJOMA | 85 C | 350 MWF | 200k | 15 TP | 1 MA | ALG | OBS | AC 125 | 2N406 | 0 |
| 2N205 | PG | 105 | L04 | 36 V | 30 V | 12 V | 100ma | 85 C | 350 NWF | 200 K | 15 TP | 1MA | ALG | OBS | AC， 125 | 2N406 | 0 |
| 2＾206 | PG | TOL | LC2 | 30 V | 30 V | 12 V | A | 85 C | 75MWF | 300K 700 | 47 TP | 1 NA | AL G | OES | AC125 | 2N2706 | 0 |
| 2N207 | PG | 105 | L04 | 12 V | 12 V | 12 V | 20MA | 65 C | WF | 500K 80P | 100TP | 1 MA | ALG | OBS | AC 125 | 2N406 | 0 |
| 2N207A | $P G$ | r05 | L04 | 12 V | 12 V | 12 V | 20MA | 65 C | 85 | 400 K 80 P | 100 TP | 1 Ma | ALG | OBS | AC12 | 2N406 | 0 |
| 2N2078 | PG | tos | L04 | 12 V | 12 V | 12 V | 20 M | $65 C$ | 85 | 1N 80 P | 10019 | 1 MA | ALG | OBS | AC125 | 2N406 | 0 |
| 2＾211 | NG | 1022 | 1.37 | 10 V | 10 V |  | soma |  | 50 | 200k 20F | 10 TP | 6MA | RLG | OBS | ASY29 | 2N1304 | 0 |
| 2＾212 | NG | $r 022$ | 137 | 18 V | 18 V | 5 b | 100na | 75 C | 150 MWF | 4 M 20 P | 201 | 1 MA | MG | OPS | ASY29 | 2N1304 | 0 |
| 2N213 | ng | 1022 | 137 | 40 V | 25 V | 10 V | 100MA | 75 C | 180 MWF | 1M 20 P | 8019 | 1 MA | RNG | ORS | ASY29 | 2N1304 | 0 |
| 2N2134 | NG | 1022 | 137 | 40 V | 25 V | 10 V | 100ma | 750 | 180 | 100 K | 18519 | 1 MA | ALG | OBS | AC176 | 2N2430 | 0 |
| 2N214 | $\wedge \mathrm{A}$ | 1022 | L37 | 40 V | 25 V | 10 V | 100 NA | 750 | 180 MWF | 300K 50P | 44 MN | 35 MA | AMG | OBS | AC176 | 2N2430 | 0 |
| 2N214A | no | r05 | LC4 | 40 V | 25 V | 10 V | l 00MA | 750 | 180 NWF | 100K 50P | 50 MN | 35 MA | AMG | oes | AC176 | 2N2430 | 0 |
| EN215 | PG | 101 | L02 | 30 V |  | 12 V | 50MA | 850 | 150 MWF | 300 K 80 P | 44 T | 1 MA | ALG | OBS | AC 125 | 2N406 | 0 |
| 2A？ 16 | $\wedge$ | 1022 | 137 | 18 V | 15 V |  | 50 MA | 756 | $\bigcirc 0$ | 1N 20 P | 8 Mn | 1 MA | RLG | OBS | ASY29 | 2N1 304 | 0 |
| 2＾217 | PG | 101 | L02 | 25 v | V | 12 V | 70 MA | 50 C | 150 |  | 75 TP | 50 MA | ANG | RCU | AC 128 | 2N2706 | 0 |
| 2N218 | PG | 101 | 102 | 16 V | 12 V | Ovs | 15 M | 85C | 35 Mh | 6 N 18 P | 48 TP | 1 MA | RLG | RCU | OC 44 N | 2N2614 | － |
| 2＾219 | PG | 1044 | 136 | 16 V | 9 | OVb | 15 MA | 85 C | 80 MWF | 4M 15P | 75 MN | 600UA | RLG | RCU | OC44N | 2N2614 | 0 |
| 2N220 | $\mathrm{P}_{\mathrm{s}}$ | 101 | 102 | 10 V |  | 10 V | 2NA | 850 | SOMMF | 400 K 70 P | 51 | 500U4 | ALG | RCL | AC125 | N406 | 0 |
| 2N223 | PG | OBS | OBS |  | 18 V |  | 150 MA | 656 | 250 MWF | 200K180P | 39 MN | 2 MA | AMG | CBS | ACl 28 | 2N2706 | 0 |
| 2＾224 | PG | oes | oes | 25 v |  |  | 150MA | 75 C | 250 | 200K180 ${ }^{\text {P }}$ | 60 MN | 1 COMA | AMG | OBS | AC 128 | 2N2706 | 0 |
| 2N225 | PG | oes | OBS | 25 V |  |  | 150 M | 75 C | 250MwF | POOK1800 | 60 MN | lcona | NPP | OBS | AC 128 x | ？2N224x | 0 |
| 2N226 | PG | OBS | OBS | 30 V |  |  | LSONA | 750 | 250 MWF | $150 \times 250 \mathrm{P}$ | 60tP | 1 COMA | AMG | OBS | AC 128 | 2N2706 | 0 |
| 2N227 | PG | oes | 085 | 30 V |  |  | 150 mA | 750 | 25 CMhF | 150k250p | 60tp | 100 Na | NPP | ORS | AC $128 \times$ | 2N226x2 | － |
| 2N228 | NG | 1022 | L36 | 40 V | 15 v | 10 V | 100NA | 75 C | 180 MhF | 200k | 80TP | 1 Na | AMG | OBS | AC176 | 2N2430 | 0 |
| 21229 | NG | 1022 | 137 | 10 V | 10 V | 20 V | 100 mA | 75 C | 180 MWF | 250 K | 75 TP | 1MA | AL G | oes | AC125 | 2N406 | 0 |
| 2N231 | $\mathrm{p}_{\mathrm{G}}$ | OBS | OBS | 5 V | 4 V | 5 V | 3MA | 55 C | 9 MWF | 20M 6P | 19 MN | 500 UA | via | OBS | AF 124 | 2N990 | 0 |
| 2N232 | PG | oes | OBS | 4 V 5 |  |  | Ma | 55 C | 9 Mm | 20N bP | $24.7 P$ | 500UA | VLA | OBS | AF124 | 2N990 | 0 |
| 2＾233 | NG | 1022 | 137 | 10 V | 10 V | 5 V | 100MA | 75 C | 15 CNHF | 2 N 18 P | 3 NN | 1 MA | RLG | Oes | ASY29 | 2N1304 | 0 |
| 2N233A | NG | T022 | $\llcorner 37$ | 18 V | 12 V | 5 V | l 100 ma | 75 C | 150 MWF | 2 N 18 P | 15 TP | 1 MA | RLG | ORS | ASY29 | 2N1304 | 0 |
| 2N234 | PG | 103 | LC5 | 30 V | 30 V |  | 3 A | 90C | 40 WC |  | 25 MN | 50 cma | AHG | OBS | AS116 | 2N1536 | － |
| 2N234A | PG | 103 | 105 | 30 V | 30 V |  | 3A | 9 x | 40 WC |  | 25 MN | 500 MA | AHG | OBS | ASZ16 | 2N1536 | 0 |
| 2N235 | PG | 103 | 105 | 50 V | 40 V | 15 V | 3 A | 90 C | 4 CnC |  | 40 TP | 500 MA | A | CBS | AS 216 | 2N1536 | 0 |
| 2＾2354 | PG | 103 | L05 | sov | 40 V | 15 V | 3 A | 90 C | 40 WC |  | 40 TP | 500 MA | AHG | OBS | AS216 | 2N1536 | 0 |
| 2N235日 | PG | 103 | 105 | 50 V | 40 v | 15 V | 3 A | 90 C | 40 WC |  | 60 TP | 500 mA | AHG | OBS | ASZ16 | 2N1536 | 0 |
| 2N236 | PG | 103 | 105 | 50 V | 40 V |  | 3 A | 90C | 40 WC |  | 40 TP | 500 MA | AHG | OBS | ASZ16 | 2N1536 | 0 |
| 2N236A | PG | 103 | L05 | 50 V | 40 v | 15 V | 3 A | 90 C | 40 WC |  | $40 T P$ | 500 MA | AHG | OBS | AS216 | 2N1536 | 0 |
| 2N236B | $P G$ | 103 | L05 | 50 V | 40 V |  | 3 A | 900 | 40 hC |  | $601 P$ | 50 CMA | AH | S | ASL16 | 2N1536 | 0 |
| 2＾237 | PG | 105 | 104 | 45 V |  | 20 V | 20NA | 85 C | 150 MWF | 200k | SOTP | 1 MA | AL G | ORS | AC125 | 2 N 406 | 0 |
| 2N238 | PG | 1022 | 137 | 20 V |  |  | 150 MA | 75 C | 150 MWF |  | 45 TP | 50 MA | ANG | OBS | AC 128 | 2N2706 | 0 |
| 2N240 | PG | oes | OBS | 6 V | 6 V | 5 V | 15 NA | 85C | 30 MkF | 15M 5P5 | 37 P | 3MA | VLA | OBS | AFl24 | 2N990 | 0 |
| 2N241 | PG | OBS | OBS | 25 V |  | 5 V | 200 MA | 856 | 100 MWF | 500k 80P | 7319 | 100 MA | AMG | OBS | AC128 | 2N2706 | 0 |
| 2N241A | PG | oes | 085 | 25 V |  | 5 V | 200MA | 85 C | 20 CMhF | 500k 80p | $73 T \mathrm{P}$ | 100 mA | AM | 0 BS | AC128 | 2N2706 | 0 |
| 2N242 | PG | 103 | 105 | 45 V | 45 V | 45 V | 2A | 100 C | 25 WC | 100k | 601p | 500 mA | AHG | MCB | AS216 | 2N1536 | 0 |
| 2N243 | AS | OBS | OBS | 60 V | 60 V |  | 60MA | 150 C | 750 NWF |  | 201p | 5 MA | ALG | OBS | BFYSO | 2N2297 | 0 |
| 2N244 | NS | 105 | L04 | 50 V | 60 V |  | 60MA | 150 C | 750 NhF |  | $597 P$ | 5 MA | ALG | OBS | BFY50 | 2N2297 | 0 |
| 2N245 | NS | r05 | L04 | 60 V |  |  | 60 MA | 150 C | 1 hF |  | 15 TP | 5 MA | ALG | OBS | BFY50 | 2N2297 | 0 |
| 2＾246 | NS | T05 | L04 | 60 V |  |  | G0MA | 150C | IWF |  | 50TP | 5 MA | AL G | OBS | BFY50 | 2N2297 | 0 |
| 2N247 | PG | 107 | 107 | 35 V |  | iv | IONA | 85 C | 35 MmF | 60N 3P | 607P | 1 MA | vLA | RCU | AF 124 | 2N990 | 0 |
| 2N247／33 | PG | OBS | ObS | 40 V | 40 V | OV5 | 10 MA | 856 | 120 MWF | 60N 3P | 601P | 1 ma | vLA | OBS | AF 124 | 2 N 990 | 0 |
| 2N248 | PG | 1022 | L37 | 25 V |  |  | 5MA | 85 C | 30 MhF | 25 M | $201 p$ | 500UA | VLA | CBS | AF124 | 2N990 | 0 |
| 2N249 2＾250 | PG | 105 103 | L04 | 25 V 30 V |  |  | 200MA | 85 C 85 C | 350 MWF 25 WC |  | $501 P$ $30 / 90$ | 100 MA 500 MA | ANG | OBS | ACY17 ASZ16 | 2N1176 2N1536 | 0 |


| TRANSISTOR NUMBER | $\begin{aligned} & \text { PM } \\ & \text { OA } \\ & \text { LT } \end{aligned}$ | $\begin{aligned} & \text { PACK- } \\ & \text { AGE } \end{aligned}$ | LEAD INFO | $\begin{aligned} & \text { VCB } \\ & \text { MAX } \end{aligned}$ | VCE MAX | VEB MAX | $1$ <br> C MAX | $T$ J MAX | ${ }^{P}$ | $\begin{array}{ll} \text { F } & C_{0} \\ \text { MIN } & \text { MAX } \end{array}$ | $H_{F E}$ | $H_{\text {FE }}$ BIAS | USE | MFR | EURO EQVT． | USA EQVT． | ISS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2N250A | PG | 103 | L05 | 40 V | 25 V | 20 V | 7 A | 100C | 90 hC | 160k | 25／100 | 3 A | AHG | OBS | ASZ16 | 2N1536 | 0 |
| 2N251 | PG | 103 | L05 | 60 V |  |  | 3 A | 100C | 25 WC |  | 30／90 | 500 MA | AHG | OBS | AS216 | 2N1536 | 0 |
| 2＾2ち14 | PG | 103 | 105 | 6 CV | 35 v | 20 V | 78 | － 1006 | 90 WC | 160K | $25 / 100$ | 3 A | AHG | OBS | AS 116 | 2N1536 | 0 |
| 2N252 | PG | 1022 | L37 |  | 16 V |  | 5 MA | $75 C$ | 3 CMWF | 2N 2 P | 30 NN | 1 MA | RLG | OBS | AF124 | 2N990 | 0 |
| 2N253 | NG | 1022 | 137 | 12 V | 5 V |  |  | 75 C | 65 MmF | 1 N | 1019 | 1 MA | RLG | 08 S | A SY29 | 2N1304 | 0 |
| 2N254 | $n \mathrm{G}$ | 1022 | L37 | 20 V |  | 5 V |  | 750 | 65 MWF | 1 M | 20 TP | INA | RLG | OBS | ASY29 | 2N1304 | 0 |
| 2N255 | PG | 103 | L05 | 30 V | 15 v | 15 V | 3 A | 85C | SWC | 100k | 30／100 | 500 MA | AHG | OBS | AS 216 | 2N1536 | 0 |
| 2＾255A | $P G$ | 103 | L05 | 15 V | $15 v$ | 15 V | 3 A | 100 C | 20 WC | look | 30 MN | 500 MA | AHG | CBS | AS216 | 2N1536 | 0 |
| 2＾250 | ${ }^{P} \mathrm{~F}$ G | 103 | LC5 | 30 V | 30 V | 30 V | 3 A | 85 C | 35 WC | 100k | 30／100 | 500MA | AHG | OBS | AS2 16 | 2N1536 | 0 |
| 2N256A | PG | T03 | LO5 | 30 V | 25 v | 15 V |  | 85 C | 35 WC | louk | 30 MN | 500 mA | AHG | OBS | ASL16 | 2N1536 | 0 |
| 2N257 | PG | 103 | 105 | 40 V | 35 v | 1 CV | 3 A | 85 C | 45 WC | 100k | 40 MN | $2 \Delta$ | AHG | OES | AS216 | 2N1536 | 0 |
| 2N2578 | PG | 103 | LC5 | 4 CV | 35 V | 20 v | 3 A | 856 | 45 WC | 100k | 50 MN | 2 A | AHG | OBS | ASZ16 | 2N1536 | 0 |
| 2N257G | PG | T03 | L05 | 40 V | 35 v | 20 V | 3 A | 85 C | 45 WC | 100k | 40 MN | 2 A | AHG | OBS | ASL16 | 2N1536 | 0 |
| 2N257n | PG | T03 | LC5 | 4 CV | 35 v | 20 V | 3 A | 85 C | 45 WC | 100k | 60 MN | 2 A | AHC | OBS | ASZ16 | 2N1536 | 0 |
| 2N260 | PS | 08j | OBS | 10 V |  |  | 50 MA | 150 C | 200 MWF | Rook | $1 \in T P$ | IMA | ALG | OBS | BC 177 | 2N3965 | 0 |
| 212604 | PS | 08S | ObS | 30 V |  |  | 50 MA | 150C | 200nwf | 800k | $16 T P$ | 1 MA | alg | CBS | BC177 | 2N3965 | 0 |
| 2＾201 | PS | ors | OBS | 75 V |  |  | SOMA | 150 C | 20 CNhF | 800 K | lotp | 1 MA | AL G | OBS | BC177 | 2N3965 | 0 |
| 2N？S2 | Ps | ces | 0es | 10 V |  |  | 50 ma | $150 C$ | 20 cmiF | 24 | 2019 | IMA | ALG | OBS | BC117 | 2N3965 | － |
| 2N262A | P S | OHS | OBS | 30 V |  |  | 50 ma | 150C | 200MwF | 24 | 20tp | 1 MA | AL G | OBS | BC177 | 2N3965 | 0 |
| 2＾263 | AS | $1022$ | 137 | 45 V |  |  | $\angle 0 \mathrm{MA}$ | 150 C | 125NAF | 10M | 45 MN | 10 MA | ALG | abs | BC107 | 4157 | 0 |
| 2N264 | NS | T022 | 137 | 45 V |  |  | 20 MA | 150C | 125 MmF | 3N | 20NN． | 10 MA | AlG | OBS | BC107 | A157 | c |
| 21265 | $P \mathrm{PG}$ | 085 | oes | 25 V |  |  | 50 MA | 85 C | 75 NWF | 600k 80P | 115 TP | 1 MA | ALG | Oes | AC125 | 2N400 |  |
| 2N267 | $\mathrm{PGG}^{\text {P }}$ | oes | OES | 12 V | 12 V | ovs | 10 NA | 85 C | SOMWF | 30438 | 60 TP | 1 MA | VIA | OBS | AF 124 | 2N990 | 0 |
| 2N208 | $\mathrm{PG}^{\mathrm{P}}$ | 103 | L05 | 30 V | tov | 40 V | $3{ }^{4}$ | 850 | 45 NC | 100k | 40 MN | 2 A | AHH | OBS | AS／1） | 2N1533 | 0 |
| 2＾2664 | $P G$ | 103 | LOS | 80 V | 60 v | 20 V | 3 A | 85 C | 45 WC | 100x | 20／80 | 2 A | AHH | OBS | AS 15 | 2N1533 | 0 |
| 2N269 | PG | rol | LC2 | 20 V | 20 V | 9 V | 100ma | 85 C | 120 MmF | 4 N 30 P | $40 T \mathrm{P}$ | 20 MA | RMS | RCU | ASY27 | 2N1305 | 0 |
| 2＾270 | PG | 107 | L03 | 2 bv | 12 v | 12 v | 150 Na | 85 C | 250 MWF | 300k | 70rp | 15 CMA | AMG | RCU | AC128 | 2N2700 | 0 |
| 2N271 | PG | i0s | LC4 | 30 V | 1 cv | 20 V | 200MA | 85 C | 150 NFF | 4 M 15 P | 45 T | 1 MA | RMG | OBS | ASY27 | 2N1305 | 0 |
| 2N2114 | $P G$ | 105 | LC4 | 30 V | 10 V | 20 V | 200 ma | 350 | 150 MmF | 4 M 15 P | 45 TP | i Ma | R NG | ORS | ASY2l | 2N1305 | 0 |
| 20272 | $P G$ | 105 | L04 | 24 V | 24 v | 10 V | 100 ma | 85 C | 150 MmF | 203k 60P | 120TP | 1 Na | ALG | OBS | $A C 1<5$ | 2N406 | 0 |
| 2N273 | PG | TOS | L04 | 30 V | 30 v | 10 V | 100～a | 85 C | 150 MmF | 400 K GOP | 20 tP | 5 CMA | $A^{N G}$ ， | 035 | AC128 | 2， 2706 | 0 |
| 2N274 | PG | 1044 | L36 | 35 V | 12 v | Ovs | 10NA | 850 | 3UMWF | 12M 3P | G0tP | INA | KLA | RCU | AF124 | 2N990 | 0 |
| 21277 | PG | 1036 | 113 | 40 V | 25 V | ？CV | 15A | 95 C | 150 WC | 200 K | 35／70 | 5 A | AHG | MOB | AD212 | 2N1100 | 0 |
| 2N 2774 | NG | 105 | L04 | 40 V |  | 15 V | 200 ma | 100 C | 200 NFF | 1 M | 4019 | 10 MA | AMG | OBS | AC176 | 2N2430 | 0 |
| 21278 | ${ }^{\text {PG }}$ | 1036 | L13 | 50 V | 30 V | 30 V | 158 | 1000 | 150 Wc | 200 K | 35／70 | 54 | AHG | MOA | ACL12 | 2N1100 | 0 |
| 2N279 | Pb | $\times 01$ | L03 | 30 V | 30 v |  | 10 Ma | 850 | 125 MWF | 150k | 3014 | 500 UA | ALC | 085 | AC． 125 | 2N406 | 0 |
| 2N230 | ${ }^{P} \mathrm{PG}$ | $\times 01$ | 103 | 30 V | 30 v |  | 10 NA | 856 | 125 MWF | 150k | 47 TP | 3MA | ALG | OBS | AC， 125 | 2N406 | 0 |
| 2N281 | $P G$ | $\times 02$ | L03 | 16 V | 16 V | 10 V | 125 MA | 756 | 125 MNF | 15 Jk | 7019 | $1 \mathrm{IOMA}^{\text {ma }}$ | AMG | OBS | AC128 | 2N2706 | 0 |
| $2 \mathrm{2N82}$ | ${ }^{P G} \mathrm{G}$ | $\times 02$ | L03 | 16 V | 16 V | 10 V | 125 MA | 750 | 125 NWF | 150 K | 70 TP | 10 MA | NPP | OES | AC128× | 2N281×2 | 0 |
| 2N283 | PG | $\times 02$ | ［03 | 32 V |  | 30 v | lona | 750 | 125 MmF | 290k | 40 T | 50 CUA | ALG | OBS | AC125 | 2N406 | － |
| 21204 | PG | $\times 02$ | 103 | 30 V | 30 v | 1 CV | l UMA | 750 | 125 NmF | 100k | 3018 | 50014 | ALG | OBS | AC． 125 | 2N406 | 0 |
| 2N284A | $P \mathrm{PG}$ | $\times 02$ | LC3 | 30 V | 30 v | 10v | 10 MA | 756 | 125 MhF | 100k | 47 TP | 3MA | ALG | CBS | $A C 1<5$ | 2N2706 | 0 |
| 2＾285 | ${ }^{P} \mathrm{P}$ G | TO3 | L05 | 40 V | 40 V |  | $3 \Delta$ | 95 C | 25 hC | 100 K | $150 T P$ | 500 ma | AHG | OHS | AS216 | $2 \times 1536$ | － |
| 2A285A | $P G$ | 103 | 105 | 4 CV | 40 V |  | 3 A | 950 | 25 \％C | 100k | 15018 | 500 ma | AHG | OBS | AS＜16 | $2 N 1530$ | 0 |
| 2N285R | PG | to 3 | 105 | 40 V | 40 v |  | 34 | 95 C | 25 hC | 100k | 150 TP | $5 C 0 \mathrm{MA}$ | AHG | OBS | AS216 | 2N1536 | － |
| 2＾290 | PG | 1036 | L13 | 70 V |  |  | 12 A | 95C | 55 NC | 200k | 7019 | 1200ma | AHG | OBS | AC212 | 2N1100 | 0 |
| 2へ231 | PG | $10<2$ | L37 | 25 V | 12 v |  | 200MA | 65 C | 1 ECNWF | 200x | 30 TP | 10 CMA | AMG | ObS | AC128 | 2N270t | 0 |
| 2N292 | NG | 1022 | － 37 | 15 V | 15 v |  | 20 Na | 85 C | 65 MmF | 2 N 5 P | 2579 | INA | RLG | OBS | ASY29 | 2N1304 | 0 |
| 2A292A | $\wedge \mathrm{n}$ | 105 | LC4 | 15 V | 15 v |  | 20NA | 85 C | 65 MWF | 2M 5p | 25 TP | IMA | RLG | OBS | ASYCG | 2V1304 | 0 |
| 2N2．3 | no | 1022 | 137 | 15 V | 15 v |  | 20 MA | 856 | 05 MNF | $4 \mathrm{M} \quad \mathrm{PP}$ | 2519 | 1 MA | RLG | ORS | ASY29 | 2N1304 | J |
| 2N250 | PG | 103 | L05 | 60 V | 60 V | IFV | 2 A | 100 C | 25hc | 100k | 23MN | 14 | AHH | OBS | AS215 | 2N1533 | 0 |
| 21297 | $\mathrm{PG}_{\mathrm{PG}}$ | 103 | LO5 | 6 CV | 50 V | 9 v | 54 | 95c | 45 WC | 100k | $12 / 40$ | 2.1 | AHG | OBS | AS216 | 2N1536 | 0 |
| 2V2974 | PG | 103 | LOS | 60 V | 40 V | 43 V | 4 A | 100 C | 35 hC | 100x | 40／100 | 50 cma | AHG | MCB | AS216 | 2N1536 | 0 |
| 2N299 | PG | 085 | OBS | 5 V | 4 V | 5 v | 5NA | 85c | 20 MWF | 40 M 4 P | $10 T P$ | 500 UA | VLA | OBS | AF 124 | 2N9YO | 0 |
| 21300 | $P G$ | 035 | OBS | 7 V |  | 5 V | $\angle O M A$ | 856 | 40 MiF | 40 M 4 P | 10 MN | $500 \cup \Delta$ | VLA | OES | AF124 | 2N990 | 0 |
| 2ヘ3Cl | PG | 103 | LO5 | 40 V | 32 v | 10 V | 34 | 95 C | 45 hc |  | 50 tp | 14 | AHG | RCU | ASL10 | 2N1536 | 0 |
| 2N3C14 | $P G$ | 103 | LC5 | ocv | 32 v | 10 V | 34 | 956 | 45 WC |  | S0tp | is | AHG | RCU | ASL16 | 2N1536 | 0 |
| $2 N 302$ | PG | 105 | 104 | 10 V | 10 v |  | 200MA | 8SC | 150MWF | 3 M | 457 P | IMA | RNG | 03 S | ASY27 | 2N1305 | 0 |
| 2N303 | $P G$ | T05 | LC4 | 10 V | 10 v |  | 200NA | 856 | 150 mhF | 6 M | $757 p$ | 1 MA | RMG | ORS | ASY27 | 2N1305 | 0 |
| 21306 | $\wedge G$ | 1022 | L37 | 20 V | 15 v | 10 V | 100ma | 756 | 180 MWF | 500k | 7519 | 1 MA | AL G | OBS | AC125 | 2 N 400 | ， |
| 2N $3 \mathrm{C7}$ | PG | ז03 | LC5 | 35 V | 35 v | 10 v | $5 A$ | 750 | 50 WC | 100k | 20Mn | 200 mA | AHS | NCA | ASL16 | 2N1536 | 0 |
| 2N3074 | $P G$ | r03 | LC5 | 35 V | 35 v | 10 V | 54 | 750 | 50 WC | 10．Jk | 30 Ma | 200ma | AHG | MOR | ASL16 | 2N1536 | 0 |
| 2N 3078 | PG | 103 | LC5 | 35 V | 35 v | 10 V | 5 A | 750 | Sow | 10．j | 40 MN | 200ma | AHG | OPS | AS 116 | 2N1536 | 0 |
| 2N308 | ${ }^{P} \mathrm{PG}$ | 1022 | L－37 | 20 V |  |  | $5 M A$ | 556 | 30 MFF | 2 P | 30 TP | 1 ma | RLG | ORS | AF 124 | 2N990 | 0 |
| 21309 | $P G$ | 10＜2 | L． 37 | 20 V |  |  | bNa | 55c | 30 MWF | 2 P | 3019 | 1 MA | RLG | OBS | AF124 | 2N990 | 0 |
| 2N31C | PG | 1022 | 137 | 20 V |  |  | 5Na | 55C | 30MWF | 2 P | 50 TP | 1 MA | RLG | OBS | AF 124 | 2N990 | 0 |
| ＜N311 | $P \mathrm{PG}$ | 105 | 104 | 15 V | 15 V | 6 V | 50NA | 856 | 150 MWF |  | S0tP | 10 MA | ALG | OBS | AC 125 | 2N406 | 0 |
| 2＾312 | $\wedge G$ | T05 | 104 | 15 V | 15 v | 15 V | 200 MA | 856 | 150 MmF |  | $50 T P$ | 10 MA | AMS | OBS | ASY29 | 2N1304 | 0 |
| 2N313 | NG | oes | 0es | 15 V | 15 v |  | 20 MA | 85 C | 65 MhF | $2 N$ | 25 TP | INA | RLG | CBS | ASY29 | 2N1304 | 0 |
| 2N314 | NG | oes | ces | 15 V | 15 v |  | 20NA | 85 C | 05MnF | 4 N | $251 P$ | IMA | RLG | OBS | ASY29 | 2N1304 | 0 |
| 2N315 | PG | T05 | L04 | 20 V | 15 v | 2 Cv | 500ma | $85 C$ | 150Mw | 2M 258 | 15／30 | 100 ma | RNS | OBS | ASY27 | 2N1305 | 0 |
| en 3158 | PG | TOS | 104 | 30 V |  | 20 V | 500 Na | 85 C | 150 MWF | 2M 25 P | $20 / 50$ | 100 ma | RNS | OBS | ASY27 | 2N1305 | 0 |
| 2＾315B | PG | TOS | L04 | 30 V |  | 20 V | 500 Na | 856 | 150 NWF | 2N 25 P | 7079 | 1 MA | RMG | OBS | ASY27 | 2N1305 | 0 |
| 2N310 | $\bigcirc \mathrm{PG}$ | 105 | LC4 | 20 V | 10 V | 20 V | 50CMA | 85 C | 15 CNWF | 5 M 20 P | $20 / 50$ | 2COMA | RMS | OES | ASY27 | 2N1305 | 0 |
| 2N3164 | ${ }^{\circ} \mathrm{G}$ | 105 | L04 | 30 V |  | 20 V | 400 Na | 100 C | 150 MmF | ， 420 P | $20 / 50$ | 2 Coma | RMS | OBS | ASY27 | 2N1305 | － |
| 2N317 | $P \mathrm{PG}$ | 105 | L04 | 20 V | 6 V | 20 V | 400MA | 850 | 100 mmF | 84209 | 20／60 | 400 MA | RMS | OBS | ASY27 | 2N1305 | 0 |
| 2N317A | PG | 105 | 104 | 20 V | sv | 20 V | 400 MA | 1006 | 150 MmF | 8N 20 O | $20 / 60$ | 400 MA | RMS | OBS | ASY 27 | 2N1305 | 0 |
| 2N318 | Pr |  |  |  |  |  |  |  |  | 8 L | $20 / 60$ | 400 ma | PHT | OBS | ASY 27 | 2N1305 | 0 |
| 2＾319 | PG | 105 | L04 | $25 V$ | 20 V | 3 v | 200na | 85 C | 225 MWF | 1 M 50 P | 34 TP | 20 MA | AMG | NCB | AC128 | 2N2706 | 0 |
| 2N320 | PG | 105 | L04 | 25 V | 20v | 3 V | 200MA | $85 C$ | 225MFF | 100K 40 P | 50 TP | 20 MA | AMG | мов | AC 128 | 2N2706 | 0 |


| TRANSISTOR NUMBER | $\begin{gathered} \mathbf{P M} \\ \mathbf{O A} \\ \mathbf{L T} \end{gathered}$ | $\begin{aligned} & \text { PACK- } \\ & \text { AGE } \end{aligned}$ | $\begin{aligned} & \text { LEAD } \\ & \text { TNFO } \end{aligned}$ | $\begin{aligned} & \text { VCB } \\ & \text { MAX } \end{aligned}$ | $\begin{aligned} & \text { VCE } \\ & \text { MAX } \end{aligned}$ | $\begin{aligned} & \text { VEB } \\ & \text { MAX } \end{aligned}$ | ${ }^{1} \mathbf{C}$ MAX | T <br> J MAX | TOT | $\left\lvert\, \begin{array}{ll} F_{7} & C_{0 B} \\ \text { MIN } & \text { MAX } \end{array}\right.$ | H <br> FE | FE BIAS | USE | MFR | $\begin{aligned} & \text { EURO } \\ & \text { EQVT. } \end{aligned}$ | $\begin{aligned} & \text { USA } \\ & \text { EQVT. } \end{aligned}$ | ISS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2N321 | PG | 105 | 104 | 25 V | 20 V | 3 V | 200MA | 85 C | 225MwF | 1 M 40 P | 801 P | 20 MA | AMG | MOB | AC Y 17 | 2N1176 | 0 |
| 2N323 | PG | 105 | 104 | 18 V | 18 V | 5 V | 200MA | $85 C$ | 200 MWF | 1500k 30P | 70TP | 1 MA | RMG | M 08 | AS Y 27 | 2N1305 | 0 |
| 2N322 | PG | 105 | L04 | 18 V | 18 v | 5 V | 200MA | 856 | 20 MmF | $1 \mathrm{M} \mathrm{30P}$ | 44 TP | 1 MA | AMG | mob | ACY 17 | 2N1176 | 0 |
| 2N324 | PG | r05 | 104 | 18 V | 18 v | 5 V | 200MA | 85C | 200MWF | 2M 30P | 8819 | 1 MA | RMG | MOB | ASY27 | 2N1305 | 0 |
| 2N325 | PG | 103 | 104 | 35 V |  | 15 V | 2 A | 85 C | 12WC | 120K | 15.160 | 1 A | AHG | 0es | ASZ16 | 2N1536 | 0 |
| 2N326 | NG | 103 | 105 | 35 V |  |  | 2 A | 856 | 7 mc | 120k | 15160 | 1 A | AHG | OBS | AD161 | 2N4077 | 0 |
| 2N327 | PS | 105 | L04 | 40 V | 35 v |  | 50 mA | 160C | 330 MWF | 100k | $9 / 22$ | 3MA | ALG | TB | BCY32 | 2N1475 | 0 |
| 2N327A | PS | 105 | L04 | 50 V | 40 V | 20 V | 50 MA | 160 C | 25 CMWF | 100K 120p | 9/22 | 3 MA | ALG | IIB | BCY32 | 2N1475 | 0 |
| 2N3278 | PS | 105 | LC4 | 50 V | 40 V | 20 V | 100 mA | 175C | 400 MmF | 2M 18P | 1419 | 2 MA | ALG | OBS | BCY32 | 2N1475 | 0 |
| 2N328 | PS | r05 | 104 | 50 V | 35 v | 20 V | 50 MA | 1606 | 385 MWF | 120K120P | 18/44 | 3 MA | ALG | OBS | BCY32 | 2N1475 | 0 |
| 2N328A | PS | 105 | 104 | 50 V | 35 v | 20 V | 50 MA | 160 C | 385 MWF | 120K120 ${ }^{\text {P }}$ | 18/44 | 3 MA | ALG | 118 | BCY32 | 2N1475 | 0 |
| 2N328B | PS | 105 | L04 | 50 V | 35 v | 20 V | 100 MA | 200C | 400 MWF 1 | 1200 K 18 P | 18/44 | 3 MA | ALG | OBS | BFS95 | 2N4036 | 0 |
| 2N329 | PS | 105 | LC4 | 30 V | 20 V |  | 50 Ma | 160C | 350 MWF | 200K 120P | 5019 | 3 MA | AL G | OBS | BCY32 | 2N1475 | 0 |
| 2N329A | PS | 105 | L04 | 50 V | 30 V | 20 V | 50 MA | $160 C$ | 390 MWF | 200K 120P | 36/88 | 3 Ma | ALG | TIB | BCY32 | 2N1475 | 0 |
| 2 N 329 B | PS | 105 | L04 | 50 V | 30 V | 20 V | 100 MA | 1756 | 400 MmF | $2 \mathrm{M} \mathrm{18P}$ | 36/88 | 3 MA | ALG | OBS | BFS95 | 2N4036 | 0 |
| 2N330 | PS | 105 | L04 | 45 V | 35 v |  | 100MA | 160C | 335 NmF | 200k 120P | 30 TP | 3 MA | ALG | OBS | BCY32 | 2N1475 |  |
| 2N330A | PS | 105 | 104 | 50 V | 30 V | 20 V | 50 MA | 160 C | 385 MWF | 200K120P | 25 TP | 3 MA | ALG | 0 SS | BCY32 | 2N1475 | 0 |
| 2N331 | PG | 105 | L04 | 30 V |  | 12V | 200ma | 85 C | 200MWF | 60P | 501P | 1 MA | AMG | MCB | AC Y 17 | 2N1176 | 0 |
| 2N332 | NS | 105 | 104 | 45 V |  | 1 V | 25 MA | 200 C | 150 MWF | 3 M 14 P | 9/20 | 1 MA | ALG | OBS | BFY50 | 2N2297 | 0 |
| 2N332A | NS | 105 | L04 | 45 V | 45v | 4 V | 25 MA | 1756 | 50 CmFF | 4 M 14 P | 9/20 | 1 MA | AlG | OBS | BFY50 | 2N2297 | 0 |
| 2N333 | NS | 105 | LC4 | 45 V |  | 1 V | 25 MA | 1750 | 15 CMWF | 3 M 14 P | $18 / 40$ | 1 MA | AL G | Oes | EFY5C | 2N2297 | 0 |
| 2N333A | NS | 105 | 104 | 45 V | 45 v | 4 V | 25 MA | 175C | 500MWF | 5 M 14 P | 18/40 | 1 MA | AlG | OBS | BFY50 | 2N 2297 | 0 |
| 2N334 | ns | 105 | 104 | 45 V |  | IV | 25 MA | $200 C$ | 150 MWF | 4 M 14 P | 18/86 | 1 Ma | AlG | OBS | BFY50 | 2N2297 | 0 |
| 2^334A | ns | 105 | L04 | 45 V | 45 v | 4 V | 25 MA | 1750 | 500 MWF | 5M 14P | 18/86 | 1 MA | Al 6 | OBS | BFY50 | 2N2297 | 0 |
| 2^3348 | NS | 105 | L04 | 60 V | 60 V | 4v | 25MA | 1750 | 500 MmF | 5 N 14 P | 15/85 | 1 MA | ALG | 08 S | BFY50 | 2N2297 | 0 |
| 2N335 | NS | 105 | LC4 | 45 V |  | 1 V | 25 MA | 175 C | 150 MWF | 5 M 20 P | 36/86 | 1 MA | al G | OBS | BFYSO | 2N2297 | 0 |
| 2N335A | ns | 105 | L. 04 | 45 V | 45 v | 4 V | 25 MA | 1750 | 500 MWF | 6 M 14 P | 36/86 | 1 MA | ALG | OBS | BFY50 | 2N2297 | 0 |
| 2N335日 | NS | 105 | 104 | 60 V | 60 V | 4 V | 25 MA | 1750 | 500MWF | 6 N 14 P | 28/90 | 1 MA | ALG | OBS | BFY50 | 2N2297 | 0 |
| 2N336 | NS | T05 | L04 | 45 V |  | 1 V | 25 MA | 200C | 150 NWF | 6 M 14 P | 76/333 | 1 MA | ALG | OBS | BFY50 | 2N2297 | 0 |
| 2N336A | NS | 105 | LO4 | 45 V | 5 v | 4 V | 25 MA | 175 C | 50 CMWF | 7M 14P | 9518 | 1 MA | alc | OBS | BFY5C | 2N2297 | 0 |
| 2N337 | ns | 105 | $1 \mathrm{LCH}_{4}$ | 45 V | 30 V | 1 V | 20 Na | 1756 | 125 MWF | 8 M 4P | $20 / 55$ | 10 ma | ALG | OBS | EFYSO | 2N2297 | 0 |
| 2N337A | ns | 105 | 104 | 45 V | 35 V | $2 \vee 5$ | 20 MA | 175 C | 500 MWF | 12 M 4 P | $20 / 55$ | 10 MA | ALG | OBS | BF Y50 | 2N2297 | 0 |
| 2N338 | NS | 105 | LC4 | 45 V | 30 V | 1 V | 20 MA | 175C | 125 MkF | 12M 4P | 45/150 | 10 MA | ALG | OBS | BFY50 | 2N2297 | 0 |
| 2^338A | NS | 105 | L04 | 45 V | 35 V | 2 V | 20 MA | 175C | 500 MWF | 20 N 4 P | 45/150 | 10 mA | ALG | OBS | BFY50 | 2N2297 | 0 |
| 2^339 | ns | 105 | 104 | 55 V | 55 v | 1 V | 60 ma | 150C | 1 WF | 60 P | 507 P | 5 MA | Alc | OBS | BFY50 | 2N2297 | 0 |
| EN339A | NS | 105 | LO4 | 60 V | 60 V | 3 V | 50 Na | 200C | 3 wC |  | 53 TP | 1 MA | ALG | 085 | 8F Y50 | 2N2297 | 0 |
| 2N340 | NS | 105 | L04 | 85 V | 85 V | 1 V | 60 MA | 150C | 1WF |  | 5019 | 1 MA | ALH | OBS | BSW66 | 2N1893 | 0 |
| 2N340A | NS | 105 | LC4 | 85 V | 85 V | 3 V | 60 MA | 200 C | 3 wc |  | 20/80 | 1 MA | ALH | OBS | BSW66 | 2N1893 | 0 |
| 2N341 | NS | 105 | L04 | 125 V | 85 V | IV | 60 MA | 150 C | 1 wF |  | 50TP | 5 MA | ALH | OBS | BSW66 | 2N1893 | 0 |
| 2N341A | ns | 105 | LC4 | 12 sV | 854 | 3 V | 6 CNA | 200C | 3WC |  | 20/80 | IMA | ALH | OBS | BSW66 | 2N1893 | 0 |
| 2N342 | NS | 105 | 104 | 6 CV | 604 | 1 v | 60 MA | 150 C | 1 kF |  | 201p | 5 MA | ALG | 085 | BFY50 | 2N1893 | 0 |
| 2^342A | NS | 105 | L04 | 85 V | $85 v$ | IV | 60 MA | 150 C | 1 hF |  | 201P | 5 MA | ALH | 0 OS | BSW66 | 2N1893 | 0 |
| 2N342B | AS | 105 | LC4 | 85 V | 854 | 2 V | 6 CMA | 150C | 1wf | 3M 20P | 21 TP | 5 MA | ALH | 0 BS | BSW66 | 2N1893 | 0 |
| 2N343 | NS | 105 | L04 | 60 V | $60 y$ | Iv | 60 NA | 150 C | WF |  | 50 TP | 5 MA | ALH | OBS | BSW 66 | 2N1893 | 0 |
| 2N343A | ns | 105 | 104 | 60 v | 604 | Iv | 6 cma | 150C | wF |  | 597 P | 5 MA | ALG | OBS | BFY50 | 2N2297 | 0 |
| 2N3438 | NS | 105 | 104 | 65 v | 65 V | 2 V | 60 mA | 150C | 1 mF | 2N 20 P | 597 P | 5 MA | ALG | 0 SS | BFY50 | 2N2297 | 0 |
| 2N344 | PG | oes | OBS | 5 V | 5 V |  | 5 MA | 85 C | 40 MWF | 20 M 12 P | 22 TP | 500va | Vi A | OBS | AF 124 | 2N990 | 0 |
| 2N345 | PG | OBS | OBS | 5 V | 5 |  | 5 Na | 85 C | 40 MWF | 20 M 12 P | 66 TP | 5CCla | VLA | OBS | AF 124 | 2N990 | 0 |
| 2N346 | P | OBS | OBS | 5 v | 5 V |  | 5 MA | 85 C | 40 MWF | 30 M 12 P | 10M ${ }^{\text {N }}$ | 500UA | VLA | OBS | AF 124 | 2N990 | 0 |
| 2N347 | NS | OBS | OBS | 60 V | 60 y |  | 40 MA | 150 C | 750 MkF | 2 M | 49 TP | 1 ma | ALG | OBS | BFY50 | 2N2297 | 0 |
| 2N348 | NS | OBS | OBS | 90 v | 904 |  | 40 MA | 150C | 750 NWF | 2 M | 24 TP | 1 MA | ALH | ObS | BSH66 | 2N1893 | 0 |
| 2N349 | NS | OBS | OBS | 125 V | $125 y$ |  | 40 NA | 150C | 75 cmhF | 2 M | 1919 | 1 MA | ALH | OBS | BSW66 | 2N1893 | 0 |
| 2N350 | PG | 103 | 105 | 50 V | $40 y$ |  | 3 A | 90 C | 90 WC | 300K | 20160 | 700MA | AHG | OBS | AS 216 | 2N1536 | 0 |
| 2N3504 | $P G$ | 103 | L05 | 50 V | 40 V |  | 34 | 90 C | 90 WC | 300 K | 20/60 | 700 MA | AHG | MOB | ASZ16 | 2N1536 | 0 |
| 2N351 | PG | 103 | LC5 | 5 CV | 40 y |  | 3 A | 90 C | 90 mC | 300k | 25/90 | 700 ma | AHG | RCU | AS216 | 2N1536 | 0 |
| 2N3514 | PG | 103 | LC5 | 50 V | $40 y$ |  | 3 A | 90C | 90 WC | 300k | $25 / 90$ | 70 CMA | AHG | NCB | AS216 | 2N1536 | 0 |
| 2N352 | $\mathrm{P}^{\mathrm{P}} \mathrm{G}$ | 103 | 105 | 50 V | 40 y |  | $2 A$ | 100C | 25 WC | 250 K | 30 MN | 1 A | AHG | OBS | AS216 | 2N1536 | 0 |
| 2N353 | PG | 103 | LC5 | 50 V | 40. |  | 2 A | 100 C | 3 chc | 250k | 40 MN | 1 A | AHG | OBS | ASZ16 | 2N1536 | 0 |
| 2 N 354 | PS | OBS | 085 | 25 V | $25 y$ |  | 50 MA | 1406 | 150 mWF | 6 M | 18 TP | 1 MA | ALG | OBS | BC177 | 2N3965 | 0 |
| 2^355 | PS | oes | OBS | 10 V | $10 y$ |  | 5 CMA | 140 C | 150 MmF | 12M | $18 T P$ | 1 Ma | ALG | OBS | BC177 | 2N3965 | 0 |
| 2N356 | $\wedge \mathrm{A}$ | T05 | 1.04 | 20 V | 18 | 20 V | 500 NA | 85 C | 150 MWF | 1 M 25 P | 20/50 | 1 CONA | RMS | RCU | ASY29 | 2N1304 | - |
| 2N356A | NG | 105 | L04 | 30 V | 204 | 20 V | 500 MA | $85 C$ | 150 NWF | 1425P | $20 / 50$ | 100MA | RMS | 085 | ASY29 | 2N1304 | 0 |
| 2N357 | NG | 105 | 104 | 20 V | 184 | 20 V | 500 MA | 85C | 150 MmF | 2M 25 P | $20 / 50$ | 200 MA | RNS | RCL | ASY29 | 2N1304 | 0 |
| 2N357A | NG | T05 | 104 | 30 V | 204 | 20 V | 500 MA | 85C | 150 MWF | 2N 25 P | 25/75 | 2 COMA | RMS | 085 | A SY29 | 2N1304 | 0 |
| 2^358 | NG | $r 05$ | 104 | 20 V | 184 | 20 V | 500 MA | 85 C | 15CMWF | $4 \mathrm{M} \mathrm{25P}$ | $20 / 50$ | 300 ma | RMS | RCU | ASY29 | 2N1304 | 0 |
| 2N358A | $n \mathrm{n}$ | 105 | 104 | 30 V | $20 y$ | 20 V | 500 mA | 85 C | 150 MWF | 4M 25 P | 25/75 | 300 NA | RNS | OBS | ASY29 | 2N1304 | 0 |
| 2N359 | PG | 105 | L04 | 25 V | 184 | 6 V | 200 MA | 856 | 170 MWF | 1500 K | 100 MN | 50 MA | RMS | OBS | ASY27 | 2N1 305 | 0 |
| 2N360 | PG | 105 | L04 | 32 V | 18 y | 6 V | 200MA | 85C | 170 NmF | 1 N | 50/153 | 50 MA | R M S | OBS | ASY27 | 2N1305 | 0 |
| 2N361 | PG | 105 | L04 | 32 V | 18. | 6 V | 200 MA | 85C | 170 MWF | 1 N | 25/75 | 50 MA | RMS | OBS | ASY27 | 2N1305 | 0 |
| 21362 | PG | 105 | LC4 | 25 V | 18 | 6 V | 100 MA | 85 C | 170 MWF | 1 M | 90tp | 1 MA | RLG | OBS | ASY27 | 2N1305 | 0 |
| 2N363 | PG | 105 | 104 | 32 V | 304 | 6 V | 100MA | 856 | 170 MmF | 600 K | 501 P | 1 MA | ALG | CBS | AC Y17 | 2N1176 | 0 |
| 2N36\% | NG | 1022 | L37 | 30 V |  | 2 V | 50 MA | 85 C | 150 MWF | 1 N 20 P | 15 TP | 1 MA | RLG | oes | ASY29 | 2N1304 | 0 |
| 2N365 | NG | 1022 | 137 | 30 V |  | 2 V | 50 MA | 85C | 15 CMWF | 1200 K 20 P | 19 MN | 1 MA | RLG | ORS | ASY29 | 2N1304 | 0 |
| 2N366 | NG | 1022 | 137 | 30 V |  | 2 V | 50 MA | 85 C | 150 MWF | 1500 K | 49 MN | 1 MA | RLG | OBS | A SY29 | 2N1304 | 0 |
| 2N367 | PG | 105 | LC4 | 30 V |  | 10 V | 50 Ma | 75 C | 150 MWF | 300K | 9MN | 1 MA | ALG | 08 S | ACY17 | 2N1176 | 0 |
| 2N368 | PG | 1022 | 137 | 30 V |  | 10V | 50 MA | 750 | 150 MWF | 400k | 19 MN | 1 MA | ALG | OBS | AC125 | 2N406 | 0 |
| 2N369 | PG | 1022 | L37 | 30 V |  | 10V | 50 MA | 750 | 150 MWF | 600k | 49 MN | 1 MA | ALG | OBS | ACl25 | 2N406 | 0 |
| 2 N 37 C | ${ }^{\text {PG }}$ | 107 | 407 | 20 V |  | 105 | 10 MA | 85 C | 80 MWF | 12 M 3P | 60TP | 1 MA | RLG | RCU | AF 124 | 2N990 | 0 |
| 2N370/33 | PG | OBS | OBS | 24V |  | OV5 | 10 MA | 85 C | 80 MWF | 12 M 3P | 1071P | 1 MA | RLG | OBS | AF 124 | 2 N 990 | 0 |
| 2N371 | PG | 107 | L07 | 20 V |  | 1 V | 10 MA | 85 C | 80 MWF | \| 12 N 3 P | 60TP | 1 MA | RLG | RCU | AF124 | 2N990 | 0 |


| TRANSISTOR NUMBER | $\left\|\begin{array}{c} \text { PM } \\ \text { OA } \\ \text { LT } \end{array}\right\|$ | $\begin{aligned} & \text { PACK- } \\ & \text { AGE } \end{aligned}$ | $\begin{array}{\|l\|l\|} \hline \text { LEAD } \\ \text { INFO } \end{array}$ | $\begin{aligned} & \text { VCB } \\ & \text { MAX } \end{aligned}$ | $\begin{aligned} & \text { VCE } \\ & \text { MAX } \end{aligned}$ | VEB MAX | $\underset{\operatorname{MAX}}{\mathbf{I}}$ | $\stackrel{\mathbf{T}}{\underset{\text { MAX }}{J}}$ | тот | $\begin{array}{ll} F_{\mathrm{T}} & C_{O B} \\ \text { MIN } & \text { MAX } \end{array}$ | $H_{F E}$ | $\begin{gathered} \mathrm{H}_{\text {FE }} \\ \text { BIAS } \end{gathered}$ | USE | MFR | EURO EQVT. | $\begin{aligned} & \text { USA } \\ & \text { EQVT. } \end{aligned}$ | ISS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2N311/33 | FG | OBS | 08S | 24 V |  | $0 \vee 5$ | 10 MA | 85 C | 80 MWF | 12M 3p | 97 TP | IMA | RLC | CBS | AF124 | 2N990 | 0 |
| 2N312 | PG | 107 | 107 | v |  | $1 \vee 5$ | 1 CMA | 85C | 8 C | 12 M 3 P | 60tp | 1 MA | RLG | RCU | AF124 | 2N990 | 0 |
| 2N372/33 | PG | O8S | S | 24 V |  | OV5 | 10 MA | 85C | 80M | 12M 3P | 97 TP | 1 MA | RLG | OBS | AF124 | 2N990 | 0 |
| 2N373 | PG | 107 | L07 | OV |  | 1V5 | 10 MA | 85 C | 80 M | 12 M 3 P | 601 | 1 MA | RLG | RCU | AF124 | 2N990 | 0 |
| 2N374 | PG | 107 | L07 | 2 CV |  | 1V5 | 10 MA | 85C | 80 MWF | 12M 3P | 6018 | 1 MA | RLG | RCU | AF 124 | 2N990 | 0 |
| 2^375 | PG | 103 | L05 | CV | 60 V | 4 ev | 3 A | 550 | sow C | 100k | 35/90 | 1 A | AHH | MOB | AS 215 | 2N1533 | 0 |
| 2^376 | PG | 103 | LC5 | 5 CV | 40 v | 10 V | 34 | 100C | sowc | 100k | 35/120 | 700MA | AHG | RCU | ASZ 16 | 2N1536 | 0 |
| 2N376A | $\mathrm{PG}_{6}$ | T03 | L05 | 50 V | 40 v | 10 v | 3 A | 100C | 9 CWC | 100k | 35/120 | 700MA | AHG | MOB | ASZ16 | 2N1536 |  |
| 2N377 | $\wedge \mathrm{A}$ | 105 | LC4 | 25 V | 20 v | 15 v | 200MA | 100C | 150 Mm | 3 M 30 P | 20/60 | 30 MA | RMS | OBS | ASY29 | 2N1304 | 0 |
| 2N3774 | $\wedge G$ | 105 | L04 | OV |  | 15 V | 200MA | 100 C | 150 MWF | 3M 30P | $20 / 60$ | 30 MA | RMS | OBS | ASY29 | 2N1304 | 0 |
| 20378 | $P G$ | 103 | L05 | 40 V | 20 V |  | 54 | 1000 | 50 nC |  | 15/40 | 2 A | AHG | MOB | ASZ16 | 2N1536 | 0 |
| 2N279 | PG | 103 | LC5 | 8 CV | 4 Cv |  | 5 A | 1000 | 50 WC |  | $20 / 70$ | 2 A | AHH | MOR | ASZ15 | 2N1533 | 0 |
| 2N38C | PG | 103 | LOS | 60 V | 30 V |  | 5 A | 1006 | 5 CWC |  | 30/70 | 2 A | AHG | MOB | ASZ16 | 2N1536 | 0 |
| 2N381 | PG | T05 | LC4 | 50 V | 25 v | 20 V | 400 Na | $85 C$ | 225 MmF | M 40P | 35/65 | 50 MA | AMG | M 08 | AC Y17 | 2N1176 | 0 |
| 2N332 | PG | 105 | 105 | 5 CV | 25 V | 2 CV | $4 C O M A$ | 85 C | 225 NNF | 1 N 40 P | 60/95 | 20 MA | AMG | MOB | ACY17 | 2N1176 | 0 |
| 2N383 | PG | 105 | LC5 | 50 V | 25 v . | 20 V | 400~a | 85 C | 225 MmF | 2 N 40 P | 75/120 | 2 CmA | AMG | MOE | ACY17 | 2N1176 | 0 |
| 21384 | PG | 1044 | 136 | 40 V | 40 V | OV 5 | 10 Na | 100 C | 120MWF | 40 M 4 P | 25/175 | 1 MA | RLG | RCU | AF124 | 2N990 | 0 |
| 2N384/33 | PG | CBS | OBS | 40 V | 40 V | ovs | 10 MA | 100C | 120 NWF | $4 \mathrm{MM} \mathrm{4P}$ | 25/175 | IMA | RLG | OBS | AF124 | 2N990 | 0 |
| 2N385 | NG | 105 | 104 | 25 V | 25 V | 15 V | 200ma | 1006 | 150 MkF | 2 N 30 P | 36/110 | 30 MA | RNS | OBS | ASY29 | 2N1304 | 0 |
| 2N385A | $\wedge G$ | T05 | 104 | 40 V | 15 V | 15 v | 2 CONA | 100C | 150 NmF | 3N 20p | 30/110 | 30 MA | RMS | OBS | A SY29 | 2N1304 | 0 |
| 2N3E6 | Piou | ces | OBS | 60 V | tov |  | 3 A | 10 CC | 12 nc |  | \% | 2 A | AHH | OBS | ASZ15 | N1533 | 0 |
| 2N387 | PG | CBS | ORS | 80 V | 80 V |  | 3 A | 1000 | 12 WC |  | 20 MN | 2 A | AHH | OBS | ASZ15 | 2N1533 | 0 |
| 21388 | $\wedge \mathrm{A}$ | 103 | 104 | V | 20 V | 15 V | 200mA | 1000 | 150 NWF | 7 M 30 P | 60/180 | 30 MA | RMS | TIB | ASY29 | 2N1 304 | 0 |
| 2N3384 | NG | 105 | LC4 | 40 V |  | 15 V | 200MA | 1006 | 200 NhF | $5^{M}$ | 60/200 | 30 MA | RMS | IA | ASY29 | 2N1304 | 0 |
| 2N389 | NS | CBS | OES | 60 V | tov | 10 V | 2 A | 2006 | 85 hC |  | 12160 | 1 A | AHG | T18 | BDY20 | 2N3055 | 0 |
| 2N339/1 | NS | OBS | OBS | 60 V | 60 V | 1 CV | 3 A | 2000 | 85 WC | 1 M | 2160 | 1 A | HG | OBS | B0Y20 | N3055 | 0 |
| 2N339A | $\wedge$ n | ces | OBS | 60 V | 60 v | 10 V | 3 A | 2006 | 85 hC |  | 12160 | 14 | AhG | OBS | BDY20 | 055 | 0 |
| 2N389A/1 | AS | OBS | OBS | 6 CV | 60 v | 10 V | 3 A | 2006 | 85 WC | 1 M | 12/60 | 14 | AHG | OBS | BOY20 | 2N3055 | c |
| 2N392 | PG | 103 | LC5 | 6CV |  | 40 V | 5 A | 95C | 48 WC |  | $60 / 150$ | 3 A | AHG | oes | ASZ16 | 2N1536 | 0 |
| 2N393 | PG | oes | OBS | 6 V | 6 V | 6 V | SOMA | 1000 | 25 MmF | 25M 7P | 20 Mn | 5 CMA | RLG | OBS | AF124 | 2N990 | 0 |
| $2 \mathrm{~N}^{294}$ | PG | 105 | L04 | 30 V | 10 V | 20 V | 200 ma | 850 | 150 NWF | 4M 74 P | ? $2 / 150$ | 10 MA | S | OBS | ASY27 | N1 305 | 0 |
| 2N394A | PG | 105 | LC4 | 30 V |  | 20 V | 200 MA | $85 C$ | 150 MmF | 3 N 24 P | 30/1>0 | 10 MA | RNS | CBS | ASY27 | N1305 | 0 |
| 2^395 | PG | Tos | L04 | 30 V |  | 20 V | 200 4 | 1 COC | 200 MmF | 2N 24 P | 20/150 | 10 MA | RMS | RCL | A SY27 | 2N1305 | 0 |
| 213 | $P G$ | 105 | LC4 | 30 V |  | 20 V | 20CMA | 1 COC | 200 MWF | 4 M 24 P | 30/150 | 10 ma | RMS | SEU | ASY27 | 2N1305 | 0 |
| 2N396A | PG | 105 | LC4 | 30 v | 20 V | 20 V | 200NA | 100c | 200 MmF | 4M 20 P | $30 / 150$ | 1 CmA | RMS | SEU | ASY 27 | 2N1305 | 0 |
| 2^397 | PG | 105 | 104 | 30 V |  | 20v | O0Ma | 1000 | 200 MWF | 5M 24 P | 40/150 | 10 ma | S | SEL | ASY27 | 1305 | 0 |
| 2^398 | PG | 105 | LC4 | 105 V | 105 v | 50 V | 100 MA | 856 | 5 CMWF | 400 K | 20 mN | 5 MA | ALH | CU | BSV68 | 497 | - |
| 2N398A | PG | 105 | L04 | 105 V | 105 V | 50 V | 200~A | 10 CC | 150 MWF | 400 K | 20 MN | 5 MA | Alt | RCU | BSV68 | 2N3497 | $\bigcirc$ |
| 2N198B | PG | T05 | LC4 | 105 V |  | 75 v | 200Na | 100 C | 250 MWF | 400 K | 20 MN | 5 MA | ALt | RCU | BSV68 | 2N3497 | 0 |
| 2N399 | PG | tc3 | L05 |  | 40 V |  | 3 A | 900 | 25 WC | 150k | 20/50 | 2 A | AHG | ORS | AS216 | 2N1536 | 0 |
| 2ヘ4CO | PG | 103 | L05 | 50 V | 40 V |  | 3 A | 950 | 35 hC | 200k | 50 m | 1 A | AHG | OBS | ASZ16 | 36 | 0 |
| 2N4Cl | PG | 103 | LC5 |  | 40 V |  | 3 A | 906 | 25 WC | 150x | 40 MN | 5 Coma | AHG | OBS | ASL16 | 2N1536 | 0 |
| 2N402 | PG | 105 | LC4 | $25 v$ | 20 v | 10 V | 150NA | 850 | 18 CMmF | 250k 70P | 25 TP | IMA | ALG | OBS | ACY17 | 2N1176 | 0 |
| 2N403 | PG | 105 | LC4 | 25 V | 20 v | 10 | 200na | 850 | 180 MWF | 400 K 7 CP | 35 TP | 1 MA | AMG | OBS | AC Y17 | 2N1176 | 0 |
| 21404 | PG | 105 | L04 | 25 V |  | 12v | 100ma | 85 C | 150 MwF | SM 24P | 40 TP | 24 MA | RMS | SEU | ASY27 | 2N1305 | 0 |
| 2N404A | PG | 105 | L04 | 40 V |  | 25 v | 150NA | 1000 | OMwF | 35 P | 5 | 12 MA | RMS | RCL | A SY27 | 2N1305 | 0 |
| 2^405 | PG | T044 | L36 | 20 V | 18 v | 2vs | 35NA | 850 | 150 NWF | 300k 709 | 35 rP | 1 MA | G | RCU | AC 125 | 2N406 | 0 |
| 2N406 | PG | 101 | 102 | 20 V | 18 v | 2vb | 35 MA | $85 C$ | 150MNF | 30JK 700 | 35 TP | INA | G | RCB | AC 125 | 406 | 0 |
| 2N407 | PG | $\times 01$ | L03 | 20 V | 18 V | $2 \vee 5$ | fona | 856 | 150 MmF |  | 6570 | 50 Na | $A^{\prime} G$ | RCU | AC 128 | 2N2706 | 0 |
| 2ヘ408 | PG | TOL | L02 | 20 V | 18 v | 2 V 5 | 70MA | $85{ }^{8}$ | 15 cmF |  | $657 P$ | 50 Ma | AMG | RCU | AC128 | 2N2706 | 0 |
| 2N4Cs | PG | $\times 01$ | LC3 | 13 V |  | co | 15NA | 85 C | 80 MmF | 20P | 8 T | 1N4 | KLG | RCU | OC44N | 2N2614 | 0 |
| 21410 | PG | rol | LCO | 13 V |  | CV5 | 15 NA | 850 | 80 MWF | 208 | 48 T | ina | RLG | RCu | OC44 | 2N2614 | 0 |
| 2N411 | PG | $\times 01$ | L03 | 13 V |  | ovo | 15 MA | 850 | 30 NWF | 8M 18P | 7519 | 600UA | RLG | RCU | OC44 | 614 | 0 |
| 2N412 | $P G$ | rol | LC2 | 13 V |  | cus | ISMA | 856 | 8 CMWF | 8 BN 18 P | 7519 | 600ua | RLG | OBS | OC44N | 2N2614 | 0 |
| 2^413 | $p G$ | T05 | LC4 | 30 V | 18 V | 20 V | 200ma | ${ }^{85} 5$ | 170 MWF | $1 \sim 24 \mathrm{P}$ | $3 \cap T P$ | 1 MA | RMS | OBS | ASY27 | 2N1305 | 0 |
| 2N413A | $P G$ | T05 | L04 | 30 v |  |  | 200~a | ${ }^{85} 5$ | 150MWF | 1 M | 3018 | 1 MA | RLC | 08S | ASY27 | 2N1305 | 0 |
| 2N414 | PG | 105 | LC4 | 30 V | 15 V | 20 V | 200Na | 856 | 170 MWF | 3M 24P | gotp | INA | RNG | RCL | ASY27 | 2N1305 | 0 |
| 2N414A | $P G$ | 105 | L04 | 30 V | 15 V |  | 200ma | 85C | 150 NaF | 3 N | gorp | 1NA | RMG | ORS | ASY27 | 2N1305 | 0 |
| $2 \wedge 4148$ | $P \mathrm{P}$ | ios | LC4 | 30 V |  | 20 v | 400 ma | 100C | 200 MhF | 3 N 24 P | 6019 | 1 MA | RNS | aes | ASY 27 | 2N1305 | 0 |
| 2N414C | PG | 105 | L04 | 30 V | 20 V |  | 400 Na | 100C | 200 MmF | $3 N 24 P$ | GOTP | ina | RMS | OBS | ASY27 | 2v1305 | 0 |
| 2N415 | PG | 105 | L04 | 30 V | 10 V | 2 Cv | 50 MA | 85 C | 150NmF | $4 \mathrm{M} \mathrm{5CP}$ | sotp | 1 MA | RLG | OBS | ASY27 | 2N1305 | 0 |
| 2N415A | PG | 105 | L04 | 30 V | 10 V |  | 200ma | 85 C | 150 MWF | 4 N | 80tp | 1 Ma | RNS | CBS | ASY27 | 2N1305 | 0 |
| $2 N 416$ | PG | 105 | L04 | 30 V | 12 V | 20 V | 200 MA | 85 C | 150 MmF | 4 N 20 P | gotp | 10 MA | RMS | OBS | A SY27 | 2N1305 | 0 |
| 2N417 | $P \mathrm{PC}$ | 105 | LC4 | 30 V | 10 v | 20 V | 200 MA | 85 C | 15CNWF | 8N 20p | 14019 | IMA | RMS | oes | ASY27 | 2N1305 | 0 |
| 2N418 | PG | 103 | L05 | 100 V | 80 v |  | 5A | 100 C | 25 WC | 200k | 40 MN | 4 A | AHH | OBS | ASL15 | 2N1533 | 0 |
| 21419 | PG | 103 | 105 | 55 V | 45 v |  | 54 | 1000 | 25 WC | 200k | 9/44 | $2 A$ | AHG | oes | ASL16 | 2N1536 | 0 |
| 2N420 | PG | r03 | LCS | 65 v | 45 V |  | 5 A | 100c | 25 kC | 200k | 40 MN | 4 A | AHG | OBS | ASZ10 | 2N1536 | 0 |
| 2N42CA | PG | T03 | L05 | 90 V | 70 v |  | 54 | 1006 | 25 wC | 200k | 40 mN | 4 A | AHH | OBS | AS215 | 2N1533 | - |
| 21422 | PG | r05 | LC4 | 35 V | 20 V | $12 v$ | 100 Ma | 85C | 150 mWF | 350k | 5019 | 1 MA | Al G | OBS | ACY17 | 2N1176 | 0 |
| 2N424 | NS | obs | OBS | 80 V |  | 10 V | 2 A | 206 | 85 WC |  | $12 / 60$ | 1 A | AHG | tis | BDY20 | 2N3055 | 0 |
| 2N424/1 | As | OBS | Obs | 8 CV | 80 V | 10 V | 3 A | 2000 | 85 WC |  | 12160 | $1 \Delta$ | AHH | OBS | 80×11 | 2N3442 | 0 |
| 2N424A | NS | oes | OES | 3 CV |  | $10 v$ | 34 | 200 C | 85 nC | 1 N | 12150 | 14 | AHG | OBS | BCy20 | 2N3055 | 0 |
| 2N424A/1 | NS | ces | ORS | 80 V | 80 V | 10 v | 34 | 200C | 85 WC | 1 M | 12160 | 1 A | AHH | CBS | B0x11 | 2N3055 | 0 |
| 2 N 425 | PG | 105 | LC4 | 30 V | 2 Cv | 20 V | 400 Na | 85c | 175 MWF | 2M 25 F | 20/40 | 1 MA | KMS | OBS | ASY2 7 | 2N1305 | 0 |
| $2 N 426$ | PS | 105 | L04 | 30 V | 18 V | 20 v | 400 MA | 85 C | 175 MWF | 2 M 25 P | $30 / 60$ | 1 Ma | RNS | OBS | ASY27 | 2N1305 | 0 |
| 21427 | PG | 105 | 104 | 30 V | 15 V | 20 v | 400NA | 850 | 170 MhF | 5N 25P | 40/80 | 1 MA | RMS | OBS | ASY27 | 2N1305 | 0 |
| 2 N 428 | PG | 105 | LC4 | 30 V | 12 V | 20 v | 400 mA | 85 C | 170 HFF | 8M 25P | 60 MN | IMA | RMS | OBS | ASY27 | 2N1305 | 0 |
| 2N428A | PG | 105 | L04 | 30 V | 18 v | 2 Cv | 400NA | 85 C | 150 MWF | 4 M 20 P | 20 NN | 1 CMA | RNS | OBS | ASY27 | 2N1305 | 0 |
| 2N432 2N433 | As | ros | L04 | 30 V | 15 V | 4 V | locks | 1656 | 150 MWF 150 MWF | 10 M <br> 10 l <br> 10 P <br> 15 P | 20 MN 20 MN | 2MA 2 MA | ALG | OBS | BFY50 BFY | $2 N 2297$ $2 N 2297$ | 0 |


| TRANSISTOR NUMBER | $\left\lvert\, \begin{aligned} & \text { PM } \\ & \text { OA } \\ & \text { LT } \end{aligned}\right.$ | $\begin{aligned} & \text { PACK- } \\ & \text { AGE } \end{aligned}$ | $\begin{array}{\|l\|l\|} \hline \text { LEAD } \\ \text { INFO } \end{array}$ | $\begin{aligned} & \text { VCB } \\ & \text { MAX } \end{aligned}$ | VCE MAX | VEB MAX | $\underset{\text { MAX }}{\mathbf{C}}$ | $\stackrel{\mathbf{T}_{\mathrm{MAX}}^{J}}{ }$ | TOT | $\begin{array}{ll} F_{T} & C_{O B} \\ \text { MIN } & \text { MAX } \end{array}$ | $H_{F E}$ | $\begin{gathered} \mathrm{H}_{\mathrm{FE}} \\ \text { BIAS } \end{gathered}$ | USE | MFR | $\begin{aligned} & \text { EURO } \\ & \text { EQVT. } \end{aligned}$ | $\begin{aligned} & \text { USA } \\ & \text { EQVT. } \end{aligned}$ | ISS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2N438 | NG | 105 | 104 | 30 V | 254 | 25 V | 300 MA | $85 C$ | 15 CMWF | 1500k 25P | 20 MN | 50 MA | RMS | OBS | ASY29 | 2N1304 | 0 |
| 2N438 | NG | 105 | 104 | 25 V |  | 25 V | 300 MA | 85C | 150 MHF | 1500K 25P | 20 MN | 50 MA | RMS | OBS | ASY29 | 2N1304 | 0 |
| 2N439 | NG | T05 | $1 \mathrm{~L}_{1}$ | 25 V |  | 25 V | 300MA | 85 C | 100 MHF | 3 M 18 P | 30 MN | 50 MA | RMS | 085 | ASY29 | 2N1304 | 0 |
| 2N439A | NG | 105 | 104 | 25 V |  | 25 V | 300 mA | 85C | 150MWF | $3 \mathrm{M} \mathrm{18P}$ | 30 MN | 50 MA | RMS | OBS | ASY29 | 2N1304 | 0 |
| 2N440 | NG | 105 | 104 | 30 V | 15 y | 25 V | 300 MA | 85C | 150 MWF | 5M 15P | 40 MN | 50 MA | RMS | OBS | ASY29 | 2N1304 | 0 |
|  |  |  |  |  |  |  |  | 85 |  | 4* 18 P | 40 NN | 50 MA | RHS | OBS | ASY29 | 2N1304 | 0 |
| 2N440A | NG | 105 | 104 | 25 V |  | 25 V | 300mA | ${ }^{856}$ | 150 HF 50 WC | 4 N 18 P | 20/40 | 5 A | AHG | MOB | ADZ12 | 2N1100 | 0 |
| 2 N 441 | ${ }^{P} \mathrm{PG}$ | 1036 | L13 | 40 V 50 V | 25 304 | 20 V | 4 A | 95 C 95 C | 50 WC 50 WC |  | 20/40 | 5 A | AHG | MOB | ADE12 | 2N1100 | 0 |
| 2 N 442 | ${ }^{\text {PG }}$ | 1036 1036 | L13 | 50 V 60 V | $30 y$ 45 v | 30 V 4 cV | $4 A$ $4 A$ | 950 956 | 50 WC 50 WC |  | $20 / 40$ | 5 A | AHG | MOB | ADZ12 | 2N1100 | 0 |
| 2N443 | PG | 1036 105 | 113 | 60V | 45 V | 40 V 10 V | 25MA ${ }^{4}$ | 956 | 150 MWF | 400k 30P | 15 TP | 1 MA | ALG | OBS | AC 176 | 2N2430 | 0 |
| 2N444 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2N444A | NG | 105 | L04 | 40 V |  | 10 V | 25MA | 100C | 15 CMWF | 400K 28 P | $20 / 40$ | 20 MA | ALG | OBS | AC176 | 2N2430 | 1 |
| 2N445 | NG | 105 | L04 | 15 V |  | 10 V | 25 MA | 85C | 150 MWF | 1 M 32 P | 35 TP | 1 MA | RMS | OBS | ASY29 | 2N1304 | 0 |
| 2N445A | NG | 105 | LC4 | 30 V |  | 10 V | 50 ma | 100C | 150 MWF | 2M 28 P | 40/160 | 20 MA | RMS | OBS | ASY29 | 2N1304 | 0 |
| 2N446 | NG | 105 | 104 | 15 V |  | 10 V | 25 MA | $85 C$ | 150 MWF | 4 M 30 P | 601P | 1 MA | RMS | 085 | ASY29 | 2N1304 | 0 |
| 2N446A | NG | 105 | L04 | 30 V |  | 10V | 50 MA | 85C | 150 MWF | 8 M 28 P | 60/250 | 20 MA | RMS | OBS | ASY29 | 2N1304 | 0 |
| 2N447 | $\wedge \mathrm{N}$ | 105 | 104 | 15 V |  | 10 V | 50 ma | 85 C | 150 MWF | $8 \mathrm{M} \mathrm{32P}$ | 125TP | 1 MA | RMS | OBS | ASY29 | 2N1 304 | 0 |
| 2N447A | NG | 105 | 104 | 30 V |  | 10 V | 50 MA | 85C | 150 MWF | 8 M 28 P | 80/300 | 20 MA | RM | OBS | ASY29 | 2N1305 | 0 |
| 2N4478 | NG | 105 | 104 | 25 V |  | 10 V | 50 MA | 85C | 150M6F | 8 M 28 P | 80/300 | 20 MA | RMS | 0 SS | ASY29 | 2N1304 | 0 |
| 2N448 | NG | 1022 | L37 | 15 V | 15 V |  | 20 MA | 856 | 65 MWF | 2M 5P | 34 MN | 1 MA | RLG | 0 OS | ASY29 | 2N1304 | 0 |
| 21449 | NG | 1022 | L37 | 15 V | 15 V |  | 20MA | 85 C | 65 MWF | 3 M | 34 MN | 1 MA | RLG | 0 OS | ASY29 | 2N1403 | 0 |
| 2N450 | PG | 105 | LO4 | 20 V | 12 v | 10 V | 125 MA | 85C | 150 MWF | 4M 20P | 30 MN | 10 MA | RMS | OBS | ASY27 | 2N1305 | 0 |
| 2N451 | $n \mathrm{~s}$ | OBS | OBS |  | $65 v$ |  | 5 A | 150 C | 85 WC | 200k | 16 MN | 500 MA | AHG | OBS | BDY 20 | 2N3055 | 0 |
| 2N452 | NS | OBS | OBS |  | 65 y |  | 54 | 150 C | 85 WC | 200k | 12 MN | 500 MA | AHG | OBS | BDY 20 | 2N3055 | 0 |
| 2N453 | NS | obs | OBS |  | 65 V |  | 5 A | 150C | 85 WC | 200k | 30 MN | 500 mA | AHG | OBS | BDY20 | 2N3055 | 0 |
| 2 N 454 | NS | OBS | OBS |  | 65 V |  | 5 A | 150C | 85 WC | 200k | 15 MN | 500MA | AHG | 0 BS | BCY20 | 2N3055 | 0 |
| 2N456 | PG | 103 | 105 | 40 V | 40 V | 20 V | 5 A | 95 C | 5 CWC |  | 10 NN | 5 A | AHG | RCU | AS216 | 2N1536 | 0 |
| 2N456A | PG | 103 | L05 | 4 cv | 30 V | 20 V | 7 A | 100 C | 90 WC | 100k | 30/90 | 5 A | AHG | MOB | ASZ16 | 2N1536 | 0 |
| 2N456B | PG | 103 | LC5 | 4 CV | 30 V | 30 V | 7 A | 100 C | 150 wC | 200k | 30/90 | 5 A | AHG | JIB | ASZ 16 | 2N1536 | 0 |
| 2N457 | PG | 103 | L05 | 60 V | 60 V | 20 V | 7 A | 100C | 50 WC |  | 10/30 | 5 A | AHG | TIB | ASZ 16 | 2N1536 | 0 |
| 2N457A | PG | 103 | LC5 | 60 V | 40 y | 20 V | 7 A | 100 C | 90 WC | 100k | 30/90 | 5 A | AHG | MOB | AS216 | 2N1536 | 0 |
| 2N4578 | PG | 103 | 105 | 60 V | 40 V | 30 V | 7 A | 100C | 15 chC | 200k | 30/90 | 5 A | AHG | TIE | ASZ16 | 2N1536 | 0 |
| 2N458 | PG | 103 | L05 | 80 V | 80 V | 20 V | 5 A | 95 C | 50 WC | 100k | 10 MN | 5 A | AHH | OBS | AS215 | 2N1533 | 0 |
| 2N458A | PG | 103 | LO5 | 80 V | 45 V | 20 V | 7 A | 950 | 90 WC | 100k | $30 / 90$ | 5 A | AHG | MOB | ASZ 16 | 2N1536 | 0 |
| 2N4588 | PG | 103 | L05 | 80 V | 45 V | 30 V | 7 A | 85C | 150 WC | 200K | 30/90 | 5 A | AHG | OBS | ASZ16 | 2N1536 | 0 |
| 2N459 | PG | 103 | LCS | 105 V | 60 v | 25 V | 5 A | 100 C | 5 CWC |  | 20/70 | 2 A | AHH | MOB | ASZ15 | 2N1533 | 0 |
| 2N459A | PG | IC3 | L05 | 105 V | 60 V | 25 V | 5A | 100C | 106 WC | 150 K | $20 / 70$ | 2 A | AHH | MOB | ASL15 | 2N1533 | 0 |
| 2N460 | PG | 105 | L04 | 45 V | 35 V | 10 V | 400 MA | 1006 | 225 MWF | 500k 80P | 26 TP | 1 MA | AMG | OBS | ACY17 | 2N1176 | 0 |
| 2N461 | PG | 105 | LC4 | 45 V | 354 | 10 V | 400 MA | 100C | 225 MWF | 1500K 30P | 491 P | 1 MA | AMG | OBS | ACYI7 | 2N1176 | 0 |
| 2N462 | PG | OBS | OBS | 40 V |  | 40 V | 200 mA | 75 C | 150MWF | 200k | 20MN | 20 MmA | AMG | OBS | AC 128 | 2N2706 | 0 |
| 2N463 | PG | OBS | OBS | 60 V |  | 50 V |  | 85 C | 5 cmC |  | 20160 | 2 A | AHG | OBS | AS216 | 2N1536 | 0 |
| 21464 | PG | 105 | L04 | 45 V | 40 V | 12V | 100MA | 85 C | 170NHF | 400k | 14 MN | 1 MA | Al G | MOB | ACY17 | 2N1176 | 0 |
| 2N465 | PG | 105 | L04 | 45 V | 30 V | 12 V | 100MA | $85 C$ | 170 MWF | 500k | 27 MN | IMA | ALG | MOB | ACY17 | 2N1176 | 0 |
| 2N466 | PG | 105 | L04 | 35 V | 204 | 12 V | 100NA | 85 C | 170 MWF | 600K | 56 MN | 1 MA | ALG | MOB | ACY17 | 2N1176 | 0 |
| 2N467 | PG | 105 | L04 | 35 v | 15 V | 12V | 100ma | $85 C$ | 170 MWF | 600K | 112 MN | IMA | ALG | MOB | ACY 17 | 2N1176 | 0 |
| 2N468 | NG | OBS | oes | 60 V | 45 y | 15 V | 3 A | 85 C | 12 wC | 100k | 15/80 | 1 A | AHG | OBS | AD16 1 | 2N4077 | 0 |
| 2N46s | PH |  |  |  |  |  |  |  |  |  |  |  | PHT |  |  |  | 0 |
| 2N469A | PH |  |  |  |  |  |  |  |  |  |  |  | PHT |  |  |  | 0 |
| 2N470 | ns | 105 | 104 | 15 V | 15 V | 2 V |  | 200C | 200 MmF | 15M 5P | 171 P | 1 MA | ALG | CBS | 8FY50 | 2N2297 | 0 |
| 2N471 | NS | 105 | L04 | 30 V | 30 V | 2 V |  | 200 C | 200 MWF | 15M 5P | 1719 | 1 MA | ALG | 0 SS | BFYj0 | 2N2297 | 0 |
| 2, 4714 | NS | 105 | L04 | 30 V | 30 V | 2 V |  | 2006 | 200 NhF | 8 N 20 P | 6 MN | 1 MA | ALG | OBS | BFY50 | 2N2297 | 0 |
| 2 M 472 | $n s$ | 105 | 104 | 45 v | 45 v | 2 V |  | 200 C | 200MWF | 15M 5P | 17 TP | 1 MA | ALC | Oes | Bfyso | 2N2297 | 0 |
| 2N472A | NS | 105 | L04 | 45 V | 45 V | 2 V |  | 2006 | 200 MWC | 8M 20 P | 6 MN | 1 MA | ALG | OBS | BFY50 | 2N2297 | 0 |
| < ${ }^{1} 473$ | NS | 105 | 104 | 15 V | 15v | 2 V |  | 2006 | 200 MWF | 15 N 5 P | $351 P$ | 1 MA | ALG | OBS | BFY50 | 2N2297 | 0 |
| 2N474 | AS | 105 | 104 | 30 V | 30 V | 2 V |  | 200C | 200 MmF | 15M 5P | 35TP | 1 MA | ALG | OBS | BFY50 | 2N2297 | 0 |
| 2N474A | NS | 105 | LC4 | 30 V | 30 y | 2 V |  | 200C | 20CMWF | 8M 20P | 20 MN | 1MA | Al G | 0 BS | BFY50 | 2N2297 | 0 |
| 2N475 | $\wedge S$ | 105 | LC4 | 45 V |  | 2 V |  | 200C | 200 MWF | 5 M | 30TP | 1 MA | ALG | OBS | BFY50 | 2N2297 | 0 |
| 2N475A | NS | 105 | L04 | 45 V | $45 v$ | 2 V |  | 2000 | 200 NWF | 8M 20P | 3519 | 1 MA | ALG | OBS | BFY50 | 2N2297 | 0 |
| 2N476 | NS | 105 | L04 | 15V | 15 V | 2 V |  | 2006 | 200 MmF | 16 P | 45 TP | 1 MA | ALG | OBS | BFY50 | 2N2297 | 0 |
| 21477 | NS | 105 | L04 | 30 V | 30 V | 2 V |  | 200C | 200M6F | 16 P | 45 TP | 1 MA | ALG | OBS | BFY50 | 2N2297 | 0 |
| 2^478 | AS | T05 | 104 | 15 V | 15v | 2 V |  | 200C | 200 NHF | 5M | GOTP | 1 MA | Al G | 0 OS | BFY50 | 2N2297 | 0 |
| 2N479 | $n \mathrm{~S}$ | 105 | L04 | 30 V | 30 V | 2 V | 5 P | 2006 | 200 mmF | 18M 5P | 60TP | 1 MA | ALG | OBS | BFY50 | 2N2297 | 0 |
| 2N479A | NS | 105 | 104 | 30 V | 30 V | 2 V |  | 200 C | 200 MWF | 8 M 20 P | 7019 | 1MA | AlG | OBS | BFY50 | 2N2297 | 0 |
| 2 N 48 C | NS | 105 | 104 | 45 V | 45 V | 2 V |  | 200C | 200 mmF | 18 N 5 P | 6019 | 1 MA | ALG | OBS | BFY50 | 2N2297 | 0 |
| 2N480A | NS | 105 | L04 | 45 V | 45 v | 2 V |  | 2006 | 200MWF | 8M 20P | 7019 | 1 MA | ALG | OBS | BFY50 | 2N 2297 | 0 |
| 2N481 | PG | 105 | LC4 | 12 V |  |  | 20MA | 85 C | 150MWF | 1 M 25 P | 507 P | IMA | RL G | OBS | ASY2 7 | 2N1305 | 0 |
| 2N482 | PG | 105 | 104 | 12 V |  |  | 20 MA | 856 | 150 NHF | 1500 K 24 P | 501 P | 1 MA | RLG | OBS | ASY27 | 2N1305 | 0 |
| 2N483 | PG | 105 | L04 | 12 V |  |  | 20 MA | 85 C | 150 MWF | 2500K 24 P | 601P | 1 MA | RLG | OBS | ASY27 | 2N1305 | 0 |
| 21484 | PG | 105 | L. 04 | 12 V |  |  | 20 MA | 85 C | 150MWF | 4M 24P | 901P | 1 MA | RLG | OES | ASY27 | 2N1305 | 0 |
| 2N485 | PG | 105 | L04 | 12 V |  |  | 10 MA | 85 C | 150MwF | 3500K 24P | 50 TP | 1 MA | RLG | OBS | ASY27 | 2N1305 | 0 |
| 2N486 | PG | 105 | L04 | 12 V |  |  | 10 MA | 856 | 150 MWF | 5 M 24P | 100TP | IMA | RLG | OBS | ASY27 | 2N1305 | 0 |
| 2^489 | UJ |  |  |  |  |  |  |  |  |  |  |  | UJT | IIe |  |  | 0 |
| 2N4894 | uJ |  |  |  |  |  |  |  |  |  |  |  | UJT | T18 |  |  | 0 |
| 2N4898 | しJ |  |  |  |  |  |  |  |  |  |  |  | UJT | ${ }^{1} 18$ |  |  | 0 |
| 2N490 | us |  |  |  |  |  |  |  |  |  |  |  | UJT | Ti8 |  |  | 0 |
| 2N490A | しJ |  |  |  |  |  |  |  |  |  |  |  | UST | tie |  |  | 0 |
| 2^49CB | UJ |  |  |  |  |  |  |  |  |  |  |  | UJT | TIB |  |  | 0 |
| 2 N 49 CC | UJ |  |  |  |  |  |  |  |  |  |  |  | UJT | T18 |  |  | 0 |
| 2N491 | UJ |  |  |  |  |  |  |  |  |  |  |  | UJT | TIB |  |  | 0 |
| 2N491A 2N491B | $\left.\begin{aligned} & \mathrm{U} \\ & \mathrm{U} . \end{aligned} \right\rvert\,$ |  |  |  |  |  |  |  |  |  |  |  | UJJT | $\|$TII  <br> 1 8 |  |  | 0 |



| TRANSISTOR NUMBER | $\begin{gathered} \text { PM } \\ \mathbf{O A} \\ \mathbf{T T} \end{gathered}$ | $\begin{aligned} & \text { PACK- } \\ & \text { AGE } \end{aligned}$ | $\left\|\begin{array}{l} \text { LEAD } \\ \text { INFD } \end{array}\right\|$ | $\begin{aligned} & \text { VCB } \\ & \text { MAX } \end{aligned}$ | $\begin{aligned} & \text { VCE } \\ & \text { MAX } \end{aligned}$ | $\begin{aligned} & \text { VEB } \\ & \text { MAX } \end{aligned}$ | $\underset{\operatorname{MAX}}{\mathbf{I}}$ | $\underset{\text { MAX }}{\mathbf{T}}$ | тот | $\begin{array}{ll} F_{T} & C_{0 B}^{O B} \\ \text { MIN } \end{array}$ | $H_{F E}$ | $\begin{gathered} { }^{H} \mathrm{FE} \\ \text { BIAS } \end{gathered}$ | USE | MFR | $\begin{aligned} & \text { EURO } \\ & \text { EQVT. } \end{aligned}$ | $\begin{aligned} & \text { USA } \\ & \text { EQVT. } \end{aligned}$ | ISS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 21536 | PG | 105 | LO4 | 2 CV | 204 | 20 V |  | 85 | 85 NWF | 1 N 50 P | 100 mN | 3 MAA | RMS | OBS | ASY27 | 2N1305 | 0 |
| 2N537 | PG | 105 | 204 | 30 V |  | 1 v |  | 85 C | 225 M | 1 G 2P8 | 10 MN | 10 MA | ULA | OBS | AF 2395 |  | 0 |
| 2N538 | PG | OBS | OBS | 80 V | $60 y$ | 28 V | 3500 MA | 95 C | 34 WC | 200K | $20 / 50$ | 2 A | AH | OES | AS215 | 2N1533 | 0 |
| 2N538A | PG | OBS | OBS | 80 V | 60 V | 28 V | 3500MA | 95 C | 34WC | 200k | $20 / 50$ | 2 A | AHH | OBS | AS215 | 2N1533 | 0 |
| 2N539 | PG | OBS | OBS | 80 V | 5 V | 28 V | 3500 MA | 856 | 34 WC | 200K | $30 / 75$ | 2 A | AHH | OBS | AS 215 | 2N1533 | 0 |
| 2N539A | PG | OBS | 085 | 80 V | 55 y | 28 V | 3500MA | 85 C | 34 | 200k | $30 / 75$ | 2 A | AHH | OBS | ASZ15 | 2N1533 | 0 |
| 2N540 | PG | OBS | OBS | 80 V | 554 | 28 V | 3500 MA | 85 C | 34 w | 200k | 45/113 | 2 A | AH | OBS | ASZ15 | 2N1533 | 0 |
| 2N540A | PG | OBS | 085 | 80 V | 55. | 28 V | 3500 MA | 85 C | 34 WC | 200k | 45/113 | 2 A | AHH | OBS | ASL15 | 2N1533 | 0 |
| 2N541 | NS | 105 | 104 | 15 V | 15 V | 2 V |  | 200 C | 200MWF | 18 N 5 P | 1301 P | 1 MA | ALG | OBS | BFYS0 | 2N2297 | 0 |
| 2N542 | NS | 105 | L04 | 30 V | 30 V | 2 V |  | 200C | 200 MWF | 18N 5P | $1307 P$ | 1 MA | ALG | OBS | BFY50 | 2N2297 | 0 |
| 2N542A | NS | 105 | 104 | 30 V | 304 | 2 V |  | 200 C | 200 NWF | 8M 20P | 80 mN | M $A$ | Al C | OBS | BFYbC | 2N2 297 | 0 |
| 2N543 | NS | 105 | L04 | 45 V | 45 V | 2 v |  | 200C | 200 M | 18 M 5P | 130 | 1 MA | ALG | OBS | BFY50 | 2N2297 | 0 |
| 2N543A | NS | 105 | L04 | 45 V | 45 v | 2 V |  | 200 C | 200 MmF | 8 N 20 P | 140 TP | 1 MA | ALG | OBS | BFY50 | 2N2297 | 0 |
| 2 N 544 | PG | 107 | L07 | 18 V |  | IV | 10MA | 85 C | 80 MHF | 12N 3 P | 60TP | 1 MA | RLA | RCU | AFI24 | 2N990 | 0 |
| 2N544/33 | PG | 105 | LC4 | 24 V |  | IV | 10 MA | 100C |  | 12 N 3 P | 97 TP | 1 MA | RLA | 0日S | AF124 | 2N990 | 0 |
| 2N5 | As | 105 | 104 | 60 V | 60 V | 6 V | 500 ma | 200C | 5WC | 4M100P | 15/80 | 500 MA | AMH | OBS | BSWGE | 2N1893 | 0 |
| 2N546 | NS | 105 | 104 | 30 V | 30 V | 6 V | 500 MA | 200 C | 5WC | $4 \mathrm{M120P}$ | $15 / 80$ | 500MA | ANG | OBS | BFYbo | 2N2297 | 0 |
| 2N547 | NS | 105 | L04 | 60 V | 60 v | 6 V | 500 MA | 200 C | 5 WC | 4N100P | 20180 | 500MA | AMH | OBS | BSW66 | 2N1893 | 0 |
| 21548 | NS | 105 | L04 | 30 V | 30 V | 6 V | 500 MA | 200C | 5 WC | $4 \mathrm{Ml20P}$ | $20 / 80$ | 500 MA | AHG | OBS | BFY50 | 2N2297 | 0 |
| 2N549 | NS | 105 | 104 | 60 V | 604 | 6 V | 500 MA | 200C | 5 W | 4M100P | $20 / 80$ | 20CMA | AMH | 08S | BSW66 | 2N1893 | 0 |
| 2N550 | NS | 105 | L04 | 30 V | 30 V | 6 V |  | 200C | 5 hC | $4 \mathrm{M100P}$ | 20180 | 200~A | AHG | OBS | BFY50 | 2N2297 | 0 |
| 2^551 | AS | 105 | 104 | 60 V | 60 V | 6 V |  | 200 C | 5 WC | $3 \mathrm{H100P}$ | 20180 | 50 Ma | AMH | OBS | BSW66 | 2N1893 | 0 |
| 2N552 | NS | 105 | 104 | 30 V | 30 V | 6 V | 500MA | 2006 | 5 hC | 3N100P | 20180 | 50 MA | ANG | ORS | BFYo 0 | 2N2297 | 0 |
| 2N553 | PG | 103 | 205 | 80 V | 40 V | 40 V | 4 A | 95 C | 35 WC | 400 K | $40 / 80$ | 500MA | AHG | OBS | AS216 | 2N1536 | 0 |
| 2N554 | PG | 103 | $L 05$ | 40 V | 30 V | 20 V | 3 A | 90 C | 40 WC | 150K | 50 MN | 50 cma | AHG | MOB | AS216 | 2N1536 | 0 |
| 2N555 | PG | 103 | 105 | 30 V | 30 V | 15 V |  | 90 C | 40 WC | 150k | 50M | 500 MA | AHG | MOE | AS 216 | N1536 | 0 |
| 2N556 | ng | 105 | 104 | 25 V |  | 15 V | 200MA | 856 | 100 NWF |  | 35/70 | 1 MA | RMS | OBS | ASY29 | 2N1304 | 0 |
| 2^557 | NG | 105 | 104 | 20 V |  | 10V | 200MA | 85 C | 10 CNWF |  | 20 MN | IMA | RMS | OBS | ASY29 | 2N1304 | 0 |
| 2N558 | NG | T05 | 104 | 15 V |  | 15 V | 200MA | 85 C | 100MWF |  | 60 NN | 1 MA | RMS | OBS | ASY29 | 2N1304 | 0 |
| 2N559 | PG | OBS | OBS | 15 V |  | 5 V | 50 MA | 100C | 150 MWF | 300M 6P | 25 MN | 10 MA | VLA | ORS | AF 106 |  | 0 |
| 2N560 | NS | OBS | 0es | 60 V |  | 8 V | 100MA |  | OM | 25N 8P | 20NN | 100 NA | ANG | OBS | HS×33 | N731 | 0 |
| $2 \ 561$ | PG | 103 | 105 | 80 V | 65 V | 60 V | 5 A | 100C | 50 WC | 100k | 20/50 | 4 A | AHH | RCU | ASZ15 | 2N1533 | 0 |
| 21563 | PG | 105 | L04 | 30 V | 25 V | 1 CV | 300 MA | 85 C | 150 MHF | 300k 60P | 10/30 | 1 NA | AMG | OBS | ACY17 | 2N1176 | 0 |
| 2N564 | PG | 105 | 104 | 30 V | 25 V | 10 V | 300MA | 85 C | 120MWF | 300K 60P | 10/30 | IMA | ANG | 08S | ACY17 | 2N1176 | 0 |
| 2N565 | $\mathrm{P}_{\mathrm{G}}$ | T05 | 104 | 30 V | 25 V | 10 V | 300MA | 85 C | 150MWF | 400k | 30/50 | 1 MA | ANG | 08S | AC Y 17 | 2N1176 | 0 |
| 2N566 | PG | 105 | 104 | 30 V | 25 V | 10V | 300MA | 85C | 12 CNWF | 400k | 30/50 | 1 MA | AMG | OBS | ACY 17 | 1176 | 0 |
| 2N567 | PG | 105 | L04 | 30 V | 25 V | 10 V | 300NA | 85 C | 150MWF | 500 K | $50 / 70$ | 1 MA | $A^{\prime N}$ | OBS | ACYIT | 17 | 0 |
| 2N568 | PG | 105 | LC4 | 30 V | 25 V | 1 CV | 300NA | 85 C | 120 MWF | 500k | 50/70 | IMA | AMG | 08 S | ACYI 7 | 2N117 | 0 |
| 2N569 | PG | 105 | L04 | 30 V | 25 V | 10 V | 300 MA | 85 C | 150 MWF | 800k | 70/100 | 1 NA | ANG | OBS | ACY17 | 2N1176 | 0 |
| 2N570 | PG | 105 | LO4 | 30 V | 25 V | 10 V | 300MA | 85C | 120 MWF | 800K | 70/100 | 1 MA | ANG | CBS | ACY17 | 2N117t | 0 |
| 21571 | PG | 105 | 104 | 30 V | 25 V | 1 cv | 300ma | 85C | 150 NFF | 1200k | 100mN | 1 NA | AM | OBS | CY17 | 2N1176 | 0 |
| 2N572 | PG | 105 | L04 | 30 V | $25 v$ | 10 V | 300 Na | 85C | 120 MWF | 200k | 100 M | 1 MA | AMG | OBS | ACYLT | 176 | 0 |
| 2N573 | PG | T05 | L04 | 40 V | 25 v | 25 V | 250 NA | 100C | 200 MWF |  | $30 / 300$ | 50 MA | A | OBS | ACY17 | N117 | 0 |
| 2N574 | PG | obs | OBS | 60 V | 55 V | 28 V | 104 | 100 C | 187WC | 75k | 9/22 | 10 A | AHG | OBS | AS 216 | 2N1536 | 0 |
| 215744 | PG | oes | oes | 80 V | 60 V | 28v | 104 | 100 C | 187wC | 75 K | $9 / 22$ | 104 | АНн | CBS | ASL 15 | 2N1533 | 0 |
| 21575 | PG | ObS | OBS | 60 V | 50 V | 28 V | 25 A | 100 C | 187 WC | 100k | OMN | 25 A | AHC | ORS |  |  | 0 |
| 2N575A | PG | obs | ObS | 80 V | 55 V | 28 V | 254 | 100C | 187 WC | 100k | 10 MN | 25 A | AHG | ORS |  |  | 0 |
| 2N576 | NG | 105 | 104 | 20 V |  | 15 V | 400MA | 85 C | 200 MhF | 3 N 30 P | 20160 | 400 NA | RMS | OBS | ASY29 | 2N1304 | 0 |
| 21576A | $\wedge \in$ | T05 | L04 | 40 V |  | 15 V | 400 Na | 85 C | 200 NFF | in 30P | 20/60 | 400 MA | RMS | OBS | ASY29 | 2N1304 | 0 |
| 2N577 | Pr . |  |  |  |  |  |  |  |  |  |  |  | PHT |  |  |  | 0 |
| 2N578 | PG | ros | 104 | 20 V | 14 v | 12 V | 400 Na | 85 C | 120 MWF | 2 M | 10 MN | 400MA | RNS | RCL | ASY27 | 305 | 0 |
| 2N579 | PG | tos | 104 | 20 V | 15 V | 12 V | 400 MA | 85 C | 120 MWF | 3 M | 20 MN | 400 ma | RMS | RCU | ASY27 | 1305 | 0 |
| 2N580 | PG | 105 | 104 | 20 V | 15 V | 12 V | 400 MA | 856 | 120 NWF | 6N | 30 mN | 400 MA | RMS | RCU | ASY27 | 2N1305 | 0 |
| 2 N 591 | PG | T05 | L04 | 18 V | 15 V | 10 V | 100 Na | 85 C | 150 MWF | 3 N 20 P | 20 MN | 20 MA | RMS | RCU | A SY27 | 2N1305 |  |
| 2N582 | PG | IC5 | LC4 | 25 V |  | 12 V | 100 mA | 85C | 150 NWF | 8M 20P | 40 MN | 20 MA | RMS | RCU | ASY27 | 2N1305 | 0 |
| 2N583 | PG | 101 | 102 | 18 V | 15v | 10 V | 100NA | 850 | 120 MWF | 3 N 20 P | 20mN | 20 Ma | RMS | RCu | ASY27 | 2N1305 | 0 |
| 2N584 | PG | T01 | L02 | 25 V | v | 12 V | 100 ma | 856 | 120 MWF | 8 N 20 P | 40 MN | 20 MA | RMS | RCU | ASY27 | 2N1305 | 0 |
| 21585 | NG | 105 | 104 | 25 V | 15 V | 20 V | 200 mA | 85 C | 120 NWF | 2N 30 P | 20 NN | 20 MA | RMS | RCU | A SY29 | 2N1304 | 0 |
| 2N586 | PG | 107 | 203 | 45 V | 25 V | 12 V | 250~A | 85 C | 250MWF |  | 35 MN | 250 MA | AMG | RCU | AC128 | 2N2706 | 0 |
| 2 5 87 | nG | 105 | L04. | 40 V | 30 V | 40 V | 200 MA | 85 C | 200 MWF | 30 P | 20 MN | 200 ma | AMG | 08S | AC176 | 2N2430 | 0 |
| 2N588 | $P G$ | roi | 102 | 15 V |  | Ovs | 50 Ma | 850 | 4 CMWF | 60 N 3 P | 20 mN | 10 MA | VLA | CAS | AF 124 | 2N990 | 0 |
| 2N588A | PG | T02 | L02 | 15 V |  | ovs |  | 35 C | 60 MWF | 60N 3P | 30 MN | 10 MA | ViA | OBS | AF124 | 2N990 | 0 |
| 2N589 | PG | 103 | LC5 | 10 CV | 50v | 50 V | 3 A | 100 C | SOWC | 300k | $20 / 40$ | 3 A | AHH | OBS | ASI 15 | 2N1533 | 0 |
| 2N591 | ${ }^{\text {PG }}$ | 101 | L02 | 32 V | 32 V |  | 20 NA | 85 C | 50 MWF | 200k | $70{ }^{10}$ | 2 MA | ALG | OBS | AC 125 | 2N406 | 0 |
| 2N591/5 | PG | 105 | LC4 | 32 V |  |  | 100NA | 85 C | 55 MWF | 200k | 70TP | 2MA | ALG | RCU | AC 125 | 2N406 | 0 |
| 2^592 | PG | 105 | L04 | 2 CV |  | 20 V |  | 850 | 125 MmF | 100k | 20 nn | 1 NA | ALG | Oes | ACLI 25 | 2N4 06 | 0 |
| 2N593 | PG | 105 | L04 | 35 V | 25 v | 35 V |  | 95 C | 125 MWF | 120k | 30 TP | 500UA | Al G | OHS | AC 125 | 2N406 | 0 |
| 2N594 | $\wedge \mathrm{G}$ | 105 | L. 4 | 20 V | 20 V | 20 V | 300~a | 100 C | 150 MWF | 1 M | 20 MN | 1 MA | RMB | OBS | ASY29 | 2N1304 | 0 |
| 2N595 | NG | 105 | 104 | 20 v | 15 v | 20 V | 300ma | 100C | 150 MWF | 2 M | 35 MN | 1 MA | RNB | OBS | ASY29 | 2N1304 | 0 |
| 2N596 | NG | 105 | 104 | 20 V | 10 V | 20 V | 300ma | 1006 | 150 MWF | 4N | 50 MN | 1 MA | RN | OBS | AS Y 29 | 2N1304 | 0 |
| 2^597 | PG | 105 | LC4 | 45 v |  | 45 V | 500ma | 100C | 250 NWF | 2 N 20 P | 40 MN | $100 M A$ | AMG | 08S | Acyl7 | 2N1176 | 0 |
| 2N598 | PG | 105 | L04 | 35 V |  | 30 V | 500 Ma | 100C | 250 MWF | 2 M | 50 MN | 200MA | ANG | 08S | ACYI7 | 2N1176 | 0 |
| 2N599 | PG | 105 | LC4 | 30 V |  | 20 V | 500 Na | 100C | 250 MWF | 10 M 20 P | 75 MN | 200MA | RMS | OBS | ASY27 | 2N1305 | 0 |
| 2N600 | $P \mathrm{PG}$ | OBS | OBS | 35 v |  | 30 V | 500 ma | 100 C | 750 NWF | 5 M 20 P | 70/225 | 100 MA | RMS | OBS |  |  | 0 |
| 2N601 | $P G$ | OBS | OBS | 35 V |  | 30 V | 500 ma | 1006 | 750 MWF | 10 N 20 P | 100 MN | 100 Ma | RNS | OBS |  |  | 0 |
| 2^602 | PG | 105 | L04 | 20 V |  | 1 v | ICNA | 85 C | 120 NWF | 5 M 8p | $20 / 80$ | 5 CCUA | RLG | OBS | AF124 | 2N990 | 0 |
| 2N602A | PG | 105 | 104 | 35 V | 25 v | IVs | 10 Ma | 85 C | 120 MWF | 5 M 7 P | 20180 | 500 Ua | RLG | OBS | AF 124 | 2N990 | 0 |
| 2N603 | PG | 105 | 104 | 30 V | 20 V | 1 V | 1 CMA | 856 | 120 MhF | 15 N 6 P | 30/100 | 500UA | RLG | OBS | AF 124 | 2N990 | 0 |
| 21603A | PG | tes | L04 | 30 V | 20 V | 2 V | 10 MA | 850 | 120 MWF | 15 N 6 P | 30/100 | 500UA | RLG | OBS | AF 124 | 2N990 | 0 |
| 2^604 | PG | 105 | L04 | 30 V | 2 OV | こV | IOMA | 85 C | 12 CMhF | 25 ${ }^{\text {M }}$ 6P | 40/140 | 500UA | RLG | 0 PS | AF 124 | 2N9 | 0 |


| TRANSISTOR NUMBER | $\begin{gathered} \text { PM } \\ \text { OA } \\ \text { LT } \end{gathered}$ | $\begin{aligned} & \text { PACK- } \\ & \text { AGE } \end{aligned}$ | LEAD INFO | VCB MAX | $\begin{gathered} \text { VCE } \\ \text { MAX } \end{gathered}$ | VEB MAX | I <br> C MAX | T <br> J <br> MAX | TOT | $\begin{array}{\|ll} F & C_{0} \\ \text { MIN } & \text { MAX } \end{array}$ | $H_{F E}$ | ${ }_{\text {HIAS }}^{\mathrm{H}_{\mathrm{FE}}}$ | USE | MFR | $\begin{aligned} & \text { EURO } \\ & \text { EQVT. } \end{aligned}$ | $\begin{aligned} & \text { USA } \\ & \text { EQVT. } \end{aligned}$ | Iss |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2N604A | PG | 105 | L04 | $30 v$ | 20 V | 2 V 5 | IOMA | 85 C | 120 MWF | 25M 5P | 40/140 | 500UA | RLG | OBS | AF124 | 2N990 | 0 |
| 2^605 | PG | T05 | LO4 | 15 V | 15 V |  |  | 85 C | 120 MWF |  | 40 TP | 1 MA | AL $G$ | OBS | AC125 | 2N406 | 0 |
| 2N606 | PG | 105 | 104 | 15 V | 15 v |  |  | 850 | 120 MWF |  | 601p | 1 MA | ALG | OBS | AC 125 | 2N406 | 0 |
| 2N607 | PG | 105 | 104 | 15V | 15 v |  |  | 85 C | 120 MmF |  | 80 TP | 1 ma | ALG | OBS | AC125 | 2N406 | 0 |
| 21608 | $P G$ | T05 | L04 | 15 V | 15 v |  |  | 85 C | 120 MkF |  | 120TP | 1 MA | ALG | 0 BS | AC125 | 2N4 06 | 0 |
| 2N609 | PG | 105 | L04 | 25 V | 15 v | 10 V | 200~A | 850 | 180 MmF | 700k 70P | 901P | 100 mA | AMG | OBS | ACY17 | 2N1176 | 0 |
| 2N610 | PG | 105 | 104 | 25 V | 15 v | 10 V | 200 mA | 85 C | 180 MHF | 600k 70P | 65 TP | 100 mA | AMG | OBS | ACY17 | 2N1176 | 0 |
| 2N611 | $P G$ | T05 | LC4 | 25 V | 15 V | 10 V | 200MA | 85 C | 130 MWF | 400k 70P | 45 TP | 100 ma | AMG | OBS | ACY17 | 2N1176 | 0 |
| 2N612 | PG | 105 | L04 | 25 V | 15 V | 10 V | 150MA | 85C | 180 MHF | 200k 70P | 25 TP | 1 MA | ALG | OBS | AC 125 | 2N406 | 0 |
| 2N613 | $P G$ | 105 | 104 | 25 V | 15v | 10 V | 200NA | 85 C | 180 MWF | 350K 70P | 35 TP | 1 MA | ALG | 0 BS | AC125 | 2N406 | 0 |
| 2N614 | PG | T05 | L04 | 20 V | 15 v | 10 V | 150 MA | 85 C | 125 MWF | 600k | 5 TP | 5004 A | RLG | 08S | OC44N | 2N2614 | 0 |
| 2N615 | PG | 105 | 104 | 20 V | 15 V | 10 V | 150MA | 85 C | 125 MmF | 1 M | 8TP | 500UA | RLG | OBS | OC44N | 2N2614 | 0 |
| 2N616 | PG | tos | L04 | 20 V | 15 V | 10 V | 150mA | 856 | 125 MWF | 2N | 2519 | 500UA | RLG | OBS | OC44N | 2N2614 | 0 |
| 2N617 | PG | 105 | L04 | 20 V | 15 V | 10V | 150 MA | 85C | 125 MWF | 500k | 15 TP | 5 CCUA | RLG | OBS | 0C44N | 2N2614 | 0 |
| 2N618 | PG | T03 | L05 | 80 V |  | 40 V | 3A | 95 C | 90 WC | 100k | 60/140 | 1 A | AHH | MOB | ASL15 | 2N1533 | 0 |
| $2 \wedge 619$ | NS |  |  | 50 V | 35 V |  |  | $160 C$ | 175 NHF | 100k | 9/22 | 5 MA | ALC | OBS | BC 107 | A157 | 0 |
| 2N620 | NS |  |  | 50 V | 30 V |  |  | 160 C | 175 MmF | 100k | 18/44 | 5 MA | ALG | OBS | BC107 | A157 | 0 |
| 2N621 | AS |  |  | 50 V | 30 V |  | 50 MA | $160 C$ | 175 MmF | 100k | 36/88 | 5 MA | ALG | OBS | BC107 | A157 | 0 |
| 21622 | NS |  |  | 50 V | 30 V |  | 50 ma | $160 C$ | 40 CMWF | 100k | 2519 | 50CUA | AL G | OBS | BFY50 | 2N2297 | 0 |
| 2N623 | PG | 105 | 104 | 30 V | 15 V | 1 V | 20 MA | 85C | 40 MWF | 40 M | 36 TP | 1 MA | RLG | OBS | AF 124 | 2N990 | 0 |
| 2N624 | $P \mathrm{PG}$ | OBS | OBS | 30 V |  |  | 10 MA | 100 C | 100 MWF | 6N 3P | 20 MN | 2MA | RLG | OBS | AF124 | 2N990 | 0 |
| 2N625 | NG | 108 | L. 12 | 40 V |  | 30 V | 500mA | 1006 | 2 hC |  | 20 MN | 500 mA | AHG | CBS | AD16 1 | 2N4077 | 0 |
| 2N626 | NG | oes | 085 | 30 V |  | 30 V | 3A | 90C | 10 WC | 50K | 18 KMN | 1 A | AHD | OBS |  |  | 0 |
| 2N627 | PG | 103 | L05 | 40 V | 30 V | 20 V | 104 | 100C | 90 WC | 100k | $10 / 30$ | 10 A | AHG | OBS | ASZ16 | 2N1536 | 0 |
| 2N628 | PG | IC3 | LC5 | 6 CV | 45 v |  | 10 A | 100C | 90 WC | 100K | 10/30 | 10 A | AHG | ORS | AS216 | 2N1536 | 0 |
| 2N629 | PG | 103 | 105 | 80 V | 60 V | 40 V | 10A | 100C | 90 hC | 100k | 10/30 | 10 A | AHH | ORS | ASZ15 | 2N1533 | 0 |
| 2N630 | PG | 105 | LC4 | 100 V | 60 V | 50 V |  | 100C | 50 WC | 100k | 10/30 | 10A | AHH | OBS | ASZ 15 | 2N1533 | 0 |
| 2N631 | PG | 105 | L04 | 25 V | 18 v | 6 V | 100 MA | 85C | 170 MWF | 1500K | $1501 p$ | 10 MA | RMS | OBS | ASY27 | 2N 1305 | 0 |
| 2N632 | PG | 105 | LC4 | 30 V | $24 v$ | 6 V | 100 M | 85 C | 170MWF | 1 M | 120Tp | 50 MA | RMS | OBS | ASY27 | 2N1305 | 0 |
| 2^633 | PG | 105 | 104 | 32 V | 20 v | 6 V | 100MA | 85C | 170 MWF | 600k | 60TP | 50 MA | AMG | 0BS | ACY17 | 2N1176 | 0 |
| 21634 | NG | 105 | 104 | 20 V | 15 v | 15 V | 300NA | 85 C | 1.50 MWF | 3 N 20 P | 15 NN | 2 cona | RMS | oes | ASY29 | 2N1304 | 0 |
| 2N634A | NG | 105 | 104 | 25 V | 20 V | 25 V | 300NA | 85 C | 150 NWF | 3 M 20 P | 40 MN | 10 MA | RMS | OBS | ASY29 | 2N1304 | 0 |
| 2N635 | NG | 105 | 104 | 20 V | 15 v | 15 V | 300MA | 85 C | 150 MWF | 5 M 20 P | 25 MN | 200 MA | RMS | OBS | ASY29 | 2N1304 | 0 |
| 2N635A | NG | 105 | L04 | $25 v$ | 20v | 25 V | 300NA | 850 | 150 MWF | 5 N 20 P | 40 NN | 10 MA | RMS | OBS | ASY29 | 2N1304 | 0 |
| 2N636 | AG | 105 | 104 | 2 CV | 15 V | 15 V | 300MA | 856 | 150 NWF | 8N 20 P | 35 MN | 200MA | RMS | OBS | A S Y 29 | 2N1 304 | 0 |
| 2N636A | NG | F05 | 104 | 25 V | 15 v | $25 v$ | 300 MA | 85 C | 150 MWF | 8M 20p | 100 m | 10 MA | RNS | OBS | ASY29 | 2N1304 | 0 |
| 2N637 | PG | 103 | LC5 | 60 V | 30 V |  | 5 A | 1 COC | 60 WC |  | 30/60 | 3 A | AHG | OBS | ASZ16 | 2N1536 | 0 |
| 2N637A | PG | 103 | L05 | 90 V | 55 V |  | 5 A | 100c | 60 WC |  | 30/60 | 3 A | AHG | OES | ASZ16 | 2N1536 | 0 |
| 2N6378 | PG | 103 | LC5 | 100 V | 65 V |  | 5 A | 100C | $t \mathrm{ChC}$ |  | $30 / 60$ | 3 A | AHH | ORS | AS215 | 2N1533 | 0 |
| 2N638 | $P G$ | T03 | L05 | 60 V | 30 V |  | 54 | 100C | 60 WC |  | 20/40 | 3 A | AHG | OBS | AS216 | 2N1536 | 0 |
| 2N6384 | PG | 103 | L05 | 90 V | 55 V |  |  | 100 C | 6 ChC |  | $20 / 40$ | 3 A | AHH | OBS | AS215 | 2N1533 | 0 |
| 2N6388 | PG | 103 | LC5 | 100V | 65 V |  | 5 A | 1006 | 60 WC |  | $20 / 40$ | 3 A | A HH | OBS | AS216 | 2N1536 | 0 |
| 2N639 | PG | 103 | L05 |  | 40 V |  | 5 A | 1006 | 37 WC |  | 15/30 | 3 A | AHG | OBS | ASZ16 | 2N1536 | 0 |
| 2N639A | PG | 103 | L05 |  | 70 V |  | 5 A | 100C | 37 mC |  | 15/30 | 34 | AHH | OBS | ASZ15 | 2N1533 | - |
| 2N6398 | PG | ro3 | 205 |  | 80 v |  | 54 | 100 C | 37 WC |  | 15/30 | 3 A | AHH | 085 | ASL15 | 2N1533 | 0 |
| 2N640 | PG | 107 | 107 | 30 V |  | 1 V | 10 MA | 85 C | 80 MWF | 20M 3P | $601 p$ | 1 MA | RLA | kCU | AF 124 | 2N990 | 0 |
| 2N641 | PG | 107 | 107 | 30 V |  | IV | 10 MA | 850 | 80 MhF | 20 N 3 P | gotp | 1 MA | Rla | RCU | AF 124 | 2N990 | 0 |
| 2ヘ642 | PG | 107 | L07 | 30 V |  | Iv | 10 MA | $85 C$ | 80 MWF | 20N 3P | 6019 | 1 MA | RLA | RCU | AF124 | 2N990 | 0 |
| 21643 | PG | 105 | LC4 | 30 V |  | 2 V | 10 cma | 85 C | 120 MWF | 15 N 4 P | 20Mn | 1 CMA | RLG | RCU | AF124 | 2N990 | 0 |
| 2N644 | PG | 105 | L04 | 30 V |  | 2 V | 100 MA | 85C | 120 MWF | $20 \mathrm{M} \mathrm{4P}$ | 20 MN | 10 MA | RLG | RCU | AF124 | 2N990 | 0 |
| 21645 | PG | 105 | 104 | 30 V |  | 2 V | 100 ma | 85 C | 120 MWF | 25M 4P | 20Mn | 10MA | RLG | RCl | AF124 | 2N990 | 0 |
| 2N646 | NG | 101 | LC2 | 25 V | 25 V | 12 V | SOMA | 856 | 100 MhF |  | 50/150 | 30 Ma | AMG | OBS | AC, 176 | 2N 2430 | 0 |
| 2N647 | NG | T01 | L02 | 25 V | 25 V | 12 V | SOMA | 85 C | 100 MWF |  | 701 P | 5 CMA | AMG | RCU | AC176 | 2N 2430 | 0 |
| 2N647/22 | NG | TC22 | L37 | 25 V | 25 V | 12v | 50 NA | 85 C | 18 CMWF |  | 7019 | 5 CmA | AMG | OBS | AC176 | 2N2430 | 0 |
| 2N649 | NG | T01 | L02 | 20 V | 18 v | $2 \vee 5$ | 50 MA | 85C | 100MWF |  | 657 P | 50 MA | AMG | RCU | AC 176 | 2N2430 | 0 |
| 2N649/22 | ng | 1022 | 137 | 20 V | 18 V | 2vs | SOMA | 85 C | 180 NWF |  | 6519 | 50 MA | AMG | OBS | AC176 | 2N2430 | 0 |
| 2N650 | PG | 105 | L04 | 45 V | 30 V | 30 V | 500MA | 100C | 200 MhF | 600k 20P | 30 MN | 10 MA | AMG | OBS | ACY 17 | 2N1176 | 0 |
| 2N650A | PG | 505 | 104 | 45 V | 30 v | 30 V | 500 MA | 1000 | 200 MWF | 600K 25 P | 33 MN | 10 MA | $A^{\text {A G }}$ | OBS | ACY17 | 2N1176 | 0 |
| 2N651 | PG | 105 | 104 | 45 V | 30 V | 30 V | 500 MA | 100C | 200 MWF | 800K 20P | 45MN | 10 MA | AMG | OBS | $\mathrm{ACrl}^{7}$ | 2N1176 | 0 |
| 2N651A | PG | 105 | L04 | 45 V | 30 V | 30 V | 500 ma | 100 C | 200 MWF | 800K 25P | 45 MN | 10 MA | ANG | 0 SS | ACY17 | 2N1176 | 0 |
| 2N652 | PG | 105 | 104 | 45 V | 30 V | 30 V | 500ma | 100C | 200 NWF | 1N 20 P | 80 MN | 10 MA | AMG | OBS | ACY17 | 2N1176 | 0 |
| 2N652A | PG | 105 | LC4 | 45 V | 30 V | 30 V | 500 mA | 100C | 20 CWF | 1 M 25 P | 80 MN | 10 MA | amg | OBS | ACY17 | 2N1176 | 0 |
| 2N653 | PG | 105 | L04 | 30 V | 25 V | 25 V | 250 MA | 100 C | 200MWF | 600K 20P | 20MN | 10 MA | AMG | OBS | ACY17 | 2N1176 | - |
| 2N654 | PG | 105 | L04 | 30 V | 25v | $25 v$ | 250MA | 100C | 200 MWF | 800K 20 P | 40 MN | 10 MA | AMG | OBS | ACY17 | 2N1176 | - |
| 2N655 | PG | 105 | 104 | 30 V | 25 V | 25 V | 25 OMA | 1006 | 200 MWF | LN 20P | 70MN | 10 MA | AMG | OBS | ACY17 | 2N1176 | 0 |
| 2N656 | NS | 105 | L04 | 60 V | 60 V | 8 V | 600 mA | 175C | 800 MLF | $40 \mathrm{M} \mathrm{20P}$ | 30/90 | 2 Coma | AMG | SGI | BFY50 | 2N 2297 | 0 |
| 2N656A | AS | 105 | L04 | 60 V | 60 V | 8 v | 600 MA | 200C | 1WF |  | 30/90 | 2 COMA | AMG | OBS | BFY50 | 2N2297 | 0 |
| 2N657 | as | 105 | LC4 | 100 V | 100 V | 8 V | 600MA | 175 C | 800 MWF | 40M 20P | $30 / 90$ | 200MA | ANH | SGI | BSW66 | 2N1893 | 0 |
| 2N657A | NS | 105 | LC4 | 100 V | 100 v | 8 V | 600MA | 200C | 1 WF |  | $30 / 90$ | 200 MA | AMH | OBS | BSW66 | 2N1893 | 0 |
| 2N659 | PG | 105 | L04 | 30 V | 16 V | 12 V | 1 A | 85 C | 210 MHF | 4N 24 P | 40/110 | 50 MA | RMS | OBS | A SY27 | 2N1305 | 0 |
| 2N658 | PG | 105 | 104 | 30 V | 18 V | 12 V | 1 A | 85 C | 210 MWF | $2 \mathrm{M} \mathrm{24P}$ | 25/80 | 50 MA | RMS | OBS | ASY27 | 2N1305 | 0 |
| 2N660 | PG | 105 | LC4 | 30 V | 14 V | 12 V | 14 | 85 C | 210 MWF | 6 M 24P | 60/150 | 50 MA | RMS | OBS | ASY27 | 2N1305 | 0 |
| 2N661 | PG | 105 | L04 | 30 V | 9 V | 12V | 14 | 85 C | 210 MWF | 8M 24P | 80 MN | 50 MA | RMS | OBS | ASY29 | 2N1305 | 0 |
| 2N663 | PG | 103 | L05 | sov | 25 V | 20 V | 4 A | 100 C | 35 hC | 150k | 25/75 | 500 MA | AHG | OBS | AS2 16 | 2N1536 | 0 |
| 2N662 | PG | 105 | L04 | 30 V | 14 V | 12 V | 14 | 85C | 210 MWF | 3M 24P | 30 NN | 50 MA | RMS | OBS | ASY27 | 2N1305 | 0 |
| 2N665 | PG | 103 | 105 | 80 V | 40 v | 40 V | 5 A | 95c | 35WC |  | 40/80 | 500 MA | AHG | OBS | AS216 | 2N1536 | 0 |
| 2N669 | PG | 103 | 105 | 40 V | 30 V |  | 3 A | 100 C | 63 WC |  | 75/250 | 500 ma | AHG | MOB | ASZ16 | 2N1536 | 0 |
| 2N670 | PG | 105 | L04 | 40 V |  | 40 V | 2 A | 856 | 300 MWF | 300k | $40 / 250$ | 1 A | AHG | OBS | ACY17 | $2 N 1176$ | 0 |
| \| $\begin{aligned} & \text { 2N671 } \\ & \text { 2N672 }\end{aligned}$ | PG $P G$ | 105 105 | L04 | 40 V 25 V |  | 40 V 25 V | $2 \mathrm{2A}$ | 85 C 85 C | 800 MHC 300 MWF | 300 K 200 K | $40 / 250$ $40 / 250$ | $4{ }_{400 \mathrm{~mA}}^{1 /}$ | AHG | OBS | ACY 17 $A C Y 17$ | 2N1176 $2 N 1176$ | 0 |


| TRANSISTOR NUMBER | $\begin{gathered} \text { PM } \\ \text { OA } \\ \text { LT } \end{gathered}$ | PACKAGE | $\begin{aligned} & \text { LEAD } \\ & \text { INFO } \end{aligned}$ | $\begin{aligned} & \text { VCB } \\ & \text { MAX } \end{aligned}$ | $\begin{aligned} & \text { VCE } \\ & \text { MAX } \end{aligned}$ | VEB MAX | I <br> C <br> MAX | $\stackrel{\mathbf{T}}{\mathbf{J A X}}$ | TOT | $\begin{array}{ll} F^{T} & C_{0} \\ \text { MIN } & M \end{array}$ | $O B$ | $H_{F E}$ | $H_{\text {FE }}$ BIAS | USE | MFR | $\begin{aligned} & \text { EURO } \\ & \text { EQVT. } \end{aligned}$ | $\begin{aligned} & \text { USA } \\ & \text { EQVT. } \end{aligned}$ | ISS |
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| 2N673 | PG | 105 | LC4 | 25 V |  | 25 V | 2 A | 85 C | 80 CNWC | 200k |  | 401250 | 400 cma | AHG | Oes | ACY17 | 2N1176 | 0 |
| 2N674 | $\mathrm{P}_{\mathrm{G}}$ | 105 | L04 | 75 V |  | 70 V | 2 A | 85C | 300 MWF | 200k |  | $40 / 250$ | 14 | H | OBS | ACY17 | 2N1176 | 0 |
| 2N675 | PG | 105 | LC4 | 75 V |  | 70 V | 2 A | 85 C | 800 MWC | 200x |  | 40/250 | 1 A | H | OBS | AC YL7 | 2N1176 | 0 |
| 2N676 | PG | 085 | OBS | 30 V |  | 30 V | 3 A | 906 | 10 WC | 50 K |  | 15 KTP | $1 \Delta$ | AHD | OBS |  |  | 0 |
| 2^677 | PG | 103 | LC5 | 5 CV | 20 v |  | 15A | 1006 | 9 CWC |  |  | 20/60 | 1 CA | AHG | OBS | ASZ16 | 2N1536 | 0 |
| 2^617A | PG | 103 | L05 | 60 V | 30 v |  | 15A | 100 C | 90 WC |  |  | 20160 | 10 A | arg | 085 | aszit | 2N1536 | 0 |
| 2N6778 | PG | 103 | LC5 | gov | 60 V |  | 15 A | 100C | 9 CWC |  |  | 20160 | 104 | AHH | OBS | ASIL15 | 2N1533 | 0 |
| 2N677C | $P G$ | 103 | LC5 | 100 V | 70 v |  | 15 A | 100 C | 9 CmC |  |  | 20160 | 104 | AHH | CBS | AS 215 | 2N1533 | 0 |
| 2N678 | PG | 103 | L05 | 50 V | 30 V |  | $15 \pm$ | 1 COC | 90 WC |  |  | 53/100 | 10 A | AHG | OBS | ASZ16 | 2N1536 | 0 |
| 2N678A | PG | 103 | LC5 | 6 CV | 40 V |  | 154 | 100 C | sowc |  |  | $50 / 100$ | 10. | AHE | OBS | ASZ 16 | 2N1536 | 0 |
| 2N6d7E | PG | 103 | LC5 | sov | 70 V |  | 15 A | 100C | 9 CWC |  |  | 50/100 | 10 A | AHH | CBS | AS215 | 2N1533 | 0 |
| 2N678C | PG | 103 | L05 | 100 V | 80 V |  |  | 50 V | 90 WC |  |  | $50 / 100$ | 10 A | AHH | OBS | ASZ15 | 2N1533 | 0 |
| 2N679 | NG | 105 | L04 | 25 V | 20 V |  | 200mA | 85C | 150 mF | IN |  | 20 MN | 30 Na | RNS | CBS | ASY29 | 2N1304 | 0 |
| 21680 | PG | 105 | L04 | 20 V | 20 V |  | 100 NA | 75 C | 15CMwF |  |  | 18/165 | 50 MA | AMG | OES | ACY17 | 2N1176 | 0 |
| 21681 | TH |  |  |  |  |  |  |  |  |  |  |  |  | THY | SEU |  |  | 0 |
| 2N682 | TH |  |  |  |  |  |  |  |  |  |  |  |  | THY | SEL |  |  | 0 |
| 21683 | Tt |  |  |  |  |  |  |  |  |  |  |  |  | THY | SEl |  |  | 0 |
| 2N684 | Tr |  |  |  |  |  |  |  |  |  |  |  |  | THY | SEU |  |  | 0 |
| 2N685 | TH |  |  |  |  |  |  |  |  |  |  |  |  | THY | SEU |  |  | 0 |
| 2N686 | TH |  |  |  |  |  |  |  |  |  |  |  |  | Thy | SEL |  |  | 0 |
| 2N687 | Tr |  |  |  |  |  |  |  |  |  |  |  |  | thr | SEL |  |  | - |
| 21688 | It |  |  |  |  |  |  |  |  |  |  |  |  | H | SEU |  |  | 0 |
| 2nt8g | TH |  |  |  |  |  |  |  |  |  |  |  |  | THY | SEU |  |  | 0 |
| 2N6SC | TH |  |  |  |  |  |  |  |  |  |  |  |  | THY | SEU |  |  | 0 |
| 2NE9 1 | TH |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 0 |
| 2N692 | Tr |  |  |  |  |  |  |  |  |  |  |  |  | thy | SEU |  |  | 0 |
| 2N694 | PG | ces | Obs | 30 V | $15 v$ | 1 V | 50 MA | 100 C | 100 MmF |  | 2P | 10 MN | 2 Ma | RLA | OBS | AF124 | 2N990 | 0 |
| 2^695 | PG | 1072 | LC6 | 15 V | 15 V | $3 \vee 5$ | 5cma | 1 COC | 75 MWF | 125 M | 6 P | 25 MN | 1 CNA | VLA | OES | AF 106 |  | 0 |
| 2N696 | AS | 105 | 604 | 60 V | 40 V | 5 V | 500mA | 1750 | 600 NWF | 40 M | 35P | 20160 | 150NA | AMG | SG I | BFY50 | 2N2297 | 0 |
| 2N696A | NS | 103 | LC4 | 60 V | 35V |  |  | 300 C | 800 MhF | 40 N |  | $20 / 60$ | 150 ma | ANG | OBS | BFY50 | 2N2297 | 0 |
| 2^697 | NS | 105 | LO4 | 60 | 40 V | 5 V | 500MA | 175 C | 60 cmF | 50 M | $35 P$ | 40/120 | 150 ma | AMG | SG I | BFYSO | 2N2297 | 0 |
| 2N697A | NS | 105 | 204 | 60 V | 35 V | 5 V | soona | 300C | 800 MmF | 50 M | 35 P | 40/120 | 15 cma | AMG | OBS | BFY50 | 2N 2297 | 0 |
| 2N698 | As | TOS | 104 | 120 V | 60 V | $7 v$ | 50 CNA | 1750 | 800 MWF | 40 M | 13 P | 20/60 | 150 ma | AMG | SGI | BFY50 | 2N2297 | 0 |
| 2N699 | NS | 105 | 104 | 120 V | 80 V | 5 v | 500 mA | 1750 | 600 NWF | 50 N | 20 P | 40/120 | 150 MA | AMH | SGI | BSW66 | 2N1893 | 0 |
| 2N699A | NS | 105 | 104 | 120 V | gov | 7 | 500 MA | 300C | 800 MnF | 50 N | 20 P | 40/120 | 150 ma | ANH | 085 | BSW66 | 2N1893 | 0 |
| 2^6998 | AS | T05 | LC4 | 120 V | 80 V | $7 v$ | 500~A | 200C | 870 NWF | 60 M | 15 P | 40/120 | 15 CmA | AMH | SG I | BSW6E | 2N1893 | 0 |
| 2N700 | PG | 1072 | L06 | 25 V |  | ov 2 | 50 MA | 100 C | 75 MWF | 400 M | 2 P | 10 TP | 2 MA | ULA | OBS | AF 2395 |  | 0 |
| 2N700A | PG | 1072 | L06 | 25 V |  | ov2 | 50 mA | 100 C | 75 MmF | 400 N | 2 F | 4 MN | 2 MA | ULA | OBS | AF239S |  | 0 |
| 2N700/18 | PG | 1018 | 101 | 25 V |  | ovs | 50 MA | 100 C | 75 MWF | 400 N | 2 P | 10 TP | 2MA | ULA | OBS | AF239S |  | 0 |
| 217004/18 | $P G$ | 1018 | LCl | 25 V |  | ov2 | 50 mA | 1006 | 75 NhF | 400 N | 2 F | 4 MN | 2 MA | ULA | OBS | AF2395 |  | 0 |
| 2N702 | As | 1018 | LCl | 25 V | 25 V | bv | SOMA | 175 C | 300MwF | 75 M | $6 P$ | 20/60 | lona | RLS | OBS | BS $\times 20$ | 2N2369 | 0 |
| 2N703 | AS | 1018 | L01 | 25 V | 25 V | 5 V | 50 MA | 1750 | 300 MWF | 70 M | 6 P | 40/100 | IOMA | RLS | mob | BS $\times 20$ | 2N2369 | 0 |
| 2N70 5 | PG | 1018 | LC 1 | 15 V |  | 3 V 5 | 50 MA | 100 C | 30 cmF | 120 N | 10P | 25 MN | 10 Ma | VLS | TIE | AFl06 |  | 0 |
| 2A705A | PG | 1018 | L01 | 15v |  | 3 vs | 50 MA | 100 C | 150 MwF | 120 N | 10 P | 25 MN | 10 MA | VLS | OBS | AF 106 |  | 0 |
| 2^706 | AS | 1018 | LCl | 25 V | 20 V | 3 V | 200ma | 150C | 30 CMWF | 200 M | 6 P | 20 MN | 1 CMA | RLS | SG I | BS×20 | 2N2369 | 0 |
| 2N 706/46 | ns | 1046 | 201 | $25 v$ | 20 V | 3 V | 200 mA | 150 C | 400 MmF | 200M | 6 P | 20 MN | 10 Ma | RLS | OBS | 8S $\times 20$ | 2N2369 | 0 |
| 2N706/51 | As | OBS | OBS | 25V | 20v. | 3 V | 200 MA | 150 C | 300 MWF | 200 ${ }^{\text {N }}$ | 6 P | 20 MN | 10 MA | RLS | OBS | BS $\times 20$ | 2N2369 | 0 |
| 2N706A | NS | 1018 | LCI | 25 V | 15 V | 5 V | 20cma | 175C | 300 MnF | 200 N | 5 P | $20 / 60$ | 10 Ma | RLS | SGI | BSx20 | 2N2369 | 0 |
| 2N706A/46 | NS | 104t | L01 | 25 V | 15 v | 5 V | 200 MA | $175 C$ | 400 MmF | 200N | 5 P | 20160 | 1 Cma | RLS. | 085 | B5×20 | 2N2369 | 0 |
| 2N706A/51 | $\wedge$ A | OBS | OBS | 25 V | 15v | 5 V | 200ma | 175 C | 300 MWF | 200 M | 5 P | $20 / 60$ | 1 CMA | RL S | OBS | BS $\times 20$ | 2N2369 | 0 |
| 2N706B | NS | 1018 | 101 | 25 V | 15 V | 5 V | 200MA | $175 C$ | 300 MwF | 200N | 5 F | 20160 | 10 Ma | RLS | SGI | BS $\times 20$ | 2N2369 | 0 |
| 2N7068/4t | AS | 1046 | 101 | 25 V | 15 V | 5 V | 200 MA | 1750 | 400 MmF | 200N | 5 P | 20160 | loma | RLS | OBS | BSx20 | 2N2369 | 0 |
| 21706B/51 | NS | OBS | oes | 25 V | 15 V | 5 V | 200 ma | 175 C | 30 CMWF | 200 M | 5 P | 20160 | 1 cma | RLS | oes | BS×20 | 2N2369 | 0 |
| 2N706C | NS | 1018 | LOI | 40 V | 15 V | 5 V | 200 mA | 2006 | 360 MmF | 200 M | 5 P | 20150 | 10 MA | RLS | OBS | BS×20 | 2N 2369 | 0 |
| 2N706C/46 | AS | T04t | 101 | 40 v | 15 V | 5 V | 200NA | 2006 | 400 MWF | 200M | 5 P | 20/60 | l0NA | RLS | OBS | $8 \mathrm{BX20}$ | 2N2369 | 0 |
| 2N706C/51 | NS | 085 | ObS | 4 cv | 15 v | 5 V | 200MA | 2006 | 30 CMnF | 200N | 5 P | 20160 | lona | RLS | 085 | BSx20 | 2N2369 | 0 |
| 2^707 | NS | 1018 | LCl | 56 V | 25 v | 4 V | 200Na | 175 C | 300 MwF | 200 N | 5 P | 9 MN | 10NA | RLG | SGI | BSW64 | 2N2222A | 0 |
| 2A707A | AS | 1018 | 2 Cl | 70 V | 40 V | $5 v$ | 20 cma | 175 C | 300 NWF | 200M | 9P | $9 / 50$ | 1 CNA | RLS | OBS | BSW64 | 2N2222A | 0 |
| 2N708 | NS | 1018 | LC1 | 40 V | 15 V | 5 V | 200 MA | $200 C$ | 300 MWF | 300 M | $6{ }^{9}$ | 30/120 | loma | RLS | SGI | BS $\times 20$ | 2N2369 | - |
| 2N708/46 | ns | 1046 | 101 | 40 V | 15 v | 5 V | 200Na | 200C | 360 MmF | 300 N | 6 P | 30/120 | 10MA | RLS | CBS | BS $\times 20$ | 2N2369 | 0 |
| 2N708/51 | NS | oes | OBS | 40 V | 15 V | 5 V | 200MA | 200c | 30 CNhF | 300N | 6 P | 30/120 | 1cNa | RLS | Oes | BSx2C | 2N2369 | 0 |
| 2N708A | NS | T018 | LO1 | 50 V | 20 V | 5 V | 200~A | 2006 | 360 MWF | 300M | 6 P | 40/120 | 10 MA | RLS | OBS | BSW64 | 2N2222A | 0 |
| 2N709 | NS | 1018 | LCl | 15 V | 6 V | 4 V | 200NA | 175 C | 300 MWF | 600M | 3 P | 20/120 | 10MA | ULS | SGI | BSx20 | 2N2369 | 0 |
| 2^709/46 | NS | $104 \epsilon$ | 101 | 15 V | 6 V | 4 V | 200MA | 2000 | 400 NiFF | 600M | 3 P | 20/120 | 10 MA | ULS | OBS | BS×20 | 2N2369 | 0 |
| 2N709A | NS | 1018 | LC1 | 15 V | 6 V | 4 V | 200 MA | 2006 | 300 mmF | 800 N | 3 P | 30/90 | 10 Ma | ULS | SGI | BS $\times 20$ | 2N 2369 | 0 |
| 2N709a/46 | NS | 104t | L01 | 15 V | 6 V | 4 V | 20 cma | 2 COC | 40 MWF | 800 M | 3 P | 30190 | 1 CNA | ULS | oes | $85 \times 20$ | 2N2369 | 0 |
| 2N709A/51 | NS | OBS | OBS | 15 V | 6 V | 4 V | 200 Na | 2006 | 300 MmF | 800 M | 3 P | $30 / 90$ | 1 OMA | ULS | OBS | BS×20 | 2N 2369 | 0 |
| 2N710 | PG | T018 | 101 | 12 V |  | Iv | 50 MA | 1006 | 300 MmF | 120 M | 10P | 25 Mn | loma | VLS | RCL | AS221 | 2N838 | 0 |
| 2N710A | PG | 1018 | L01 | 15 V |  | IV | 50 MA | 100 c | 300 mwF | 120 N | 10P | 25 MN | 10 Ma | VLS | OBS | AS 221 |  | 0 |
| 2A711 | PG | 1018 | LC1 | 12 V |  | 1 V | 50 MA | 100C | 15 CNFF | 150 N | 9 P | 20 NN | 1 Cma | VLS | MOB | ASZ21 | 2N838 | 0 |
| 2N7114 | PG | T018 | LCl | 15 V | $7 V$ | IV5 | 100NA | 100 C | 15 CMNF | 150 M | sp | 25/150 | 1 Cma | VLS | MCB | AS 221 |  | 0 |
| 2N7118 | PG | 1018 | L01 | 18 V | $7 v$ | 2 V | 100MA | 1006 | 150 MwF | 150 M | 6 6 | 30/150 | 10 MA | VLS | MOB | AS221 |  | 0 |
| 2N715 | NS | 1018 | LC1 | 50 V | 35 V | 5 V |  | 175C | 500 MhF | 70 N | 6 P | 10/50 | 15 Ma | R MG | OBS | 3SW64 | 2N2222A | 0 |
| 2A716 | NS | T018 | LOL | 50 V | 40 V | 5 V |  | 1750 | 500 NmF | 70N | 6 P | 10/50 | 15 MA | RMG | OBS | BSW64 | 2N2222A | 0 |
| 2 N 717 | NS | T018 | LCl | 6 CV | 28 v | 5 V | 500 ma | 175 C | 40 CNWF | 40 M | 35P | $20 / 60$ | 15 cma | AMG | SG I | $35 \times 33$ | 2N731 | 0 |
| 2N717A | NS | 1018 | LC1 | 75 V | 32 V | $5 v$ | 500~A | 1750 | 400MwF | 40 M | 35P | 20/60 | 150MA | ang | CBS | ES $\times 73$ | 2N731 | 0 |
| 2N718 | ns | 1018 | LO1 | 60 V | 28 V | 5 V | 500 mA | 1750 | 400 MWF | 50 M | 35P | 40/120 | 150MA | AMG | FCU | BS $\times 33$ | 2N731 | 0 |
| 2N718A | NS | T018 | LCl | 75 V | 32 V | $7 v$ | 50cma | 175C | 50 CMmF | GON | 25 P | 40/120 | 150 Ma | AMG | SGI | 85×33 | 2N731 | 0 |
| 2N719 2N719A | NS | 1018 $T 018$ | LO1 | 120 V | $60 v$ | $5 v$ $7 v$ | 500 ma | 175 C 175 C | 500 MWF 500 MWF | 60 N 40 N | 20p 1 Pp | $20 / 60$ $20 / 60$ | 150 ma 150 cma | AMH | SGI |  | 2N3700 2N3700 | 0 |


| TRANSISTOR NUMBER | $\begin{aligned} & \text { PM } \\ & O A \\ & \text { LT } \end{aligned}$ | $\begin{array}{r} \text { PACK- } \\ \text { AGE } \end{array}$ | $\begin{array}{\|l\|l\|} \hline \text { LEAD } \\ \text { IMFO } \end{array}$ | $\begin{aligned} & \text { VCB } \\ & \text { MAX } \end{aligned}$ | $\begin{gathered} \text { VCE } \\ \text { MAX } \end{gathered}$ | $\begin{aligned} & \text { VEB } \\ & \text { MAX } \end{aligned}$ | ${ }_{\text {MAX }}^{\mathrm{C}}$ | $\underset{\operatorname{Max}}{\mathbf{J}}$ | TOT | $\begin{array}{lll} F_{1} & C_{0} \\ \text { MiN } & \text { M } \end{array}$ | OB <br> MAX | $H_{F E}$ | $\begin{gathered} \mathrm{H}_{\mathrm{FE}} \\ \text { BIAS } \end{gathered}$ | USE | MFR | EURO EQVT. | USA ERVT. | ISS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2N720 | NS | 1018 | L01 | 120 V | 60 V | 5 V | 500MA | 175C | 500 MWF | 50 M | 20P | 40/120 | 150MA | AMH | SGI |  | 2N3700 | 0 |
| 2N720A | NS | 1018 | LCl | 120 V | 80 V | 7 V | 500 ma | 175C | 500 MWF | 50 M | 15P | 40/120 | 150 MA | AMH | SGI |  | 2N3700 | 0 |
| 2N121 | PS | 1018 | 101 | 50 V | 35 V | 5 V | 500 ma | 1750 | 400 MWF | 50 M | 45 P | 25/45 | 150 MA | AMS | SG I | BSW24 | 2N2907A | 0 |
| 2N721A | PS | 1018 | LO1 | 50 V | 35 V | 5 V | 500mA | 2006 | 500 MmF | 50 M | 40 P | 20/45 | 150 MA | AMS | OBS | BSH24 | 2N2907A | 0 |
| 2N722 | PS | 1018 | L01 | 50 V | 35v | 5 V | 500ma | 175C | 400MLF | 60 M | 45 P | 30/90 | 150 MA | AMG | SGI | BSW24 | 2N2907A | 0 |
| 2N722A | PS | 1018 | LCl | sov | 35v | 5 V | 500MA | $200 C$ | 500 MWF | 60M | 45P | $30 / 90$ | 150 MA | AMS | OBS | BSW24 | 2N2907A | 0 |
| 2N725 | PG | 1018 | 101 | 15 V |  | 2 V | 50 MA | 100C | 150 MWF | 300M |  | 20 MN | 10 MA | VLA | OBS | AF106 |  | 0 |
| 2N726 | PS | 1018 | LO1 | 25V | 20 V | 5 V | 50 MA | 1756 | 300 MHF | 140M | 5 P | 15/45 | 10 MA | ALG | FEB | BC177 | 2N3965 | 0 |
| 2N727 | PS | 1018 | LO1 | 25 V | 20 V | 5 V | 50 MA | 175 C | 30 CMWF | 140 N | 5 P | 30/120 | 1 CMA | ALG | FEB | BC177 | 2N3965 | 0 |
| 2N728 | NS | 1018 | LOL | 15 V | 15 V | 3 V |  | 175 C | 300 MWF | 70 M | 16 P | 20/200 | 10 Ma | RMS | OBS | BSW64 | 2N2222A | 0 |
| 2N729 | ns | 1018 | 101 | 30 V | 30 V | 3 V |  | 1756 | 300MHF | 70 M | 16 P | 201200 | 10 MA | RMS | OBS | BSH64 | 2N2222A | 0 |
| 2N730 | NS | 1018 | L01 | 60 V | 40 V | 5 V | 1 A | 2006 | 500 MWF | 40 N | 35 P | 40 MN | 150 MA | AMG | TIE | 8S $\times 33$ | 2N731 | 0 |
| 2N731 | AS | 1018 | L01 | 60 V | 40 V | 5 V | 1 A | 200C | 500 MWF | 50 M | 35 P | 80 MN | 150MA | ALG | IIB | BS $\times 33$ | 2N731 | 0 |
| 2 N 734 | NS | 1018 | L01 | 80 V | 60 V | 5 V | 100MA | 175C | 500 MWF | 60 M | 10 P | 15/50 | 5 Ma | RLA | OBS | BSW64 | 2N2222A | 0 |
| 2N734A | NS | 1018 | LOI | 80 V | 60 V | 5 V | looma | 2006 | 500 MWF | 60 M | 10 P | $15 / 50$ | 5 MA | RLA | OBS | BSW64 | 2N2222A | 0 |
| 2N735 | NS | TC18 | LC1 | 80 V | 60 V | 5 V | 1 A | 1750 | 500 MHF | 60M | 10 P | 30/100 | SMA | AMH | mob | BSW64 | 2N2222A | 0 |
| 2N735A | NS | 1018 | LCl | 80 V | 60 V | 5 V | 14 | 2006 | 50 MmFF | 60N | 10 P | 30/100 | 5 MA | AMH | MOB | BSW64 | 2N2222A | - |
| 2N736 | NS | T018 | LO1 | 80 V | 60 v | 5 V | 14 | 200C | 500 MWF | 60 M | 10 P | 60/200 | 5 MA | AMH | MOB | BSW64 | 2N2222A | 0 |
| 2N736A | NS | 1018 | LCl | 80 V | 60 V | 5 V | 1 A | 200 C | 500 MWF | 60 M | 10P | 60/200 | 5 MA | AMH | MOB | BSW64 | 2N2222A | 0 |
| 2N736日 | NS | 1018 | LOI | 80 V | 60 V | 5 V | 14 | 200C | 500 MWF | 60M | 10 P | 60/200 | 5 MA | AMH | MOB | BSW64 | 2N2222A | 0 |
| 201738 | NS | 1018 | 101 | 125 V | 80 V | 5 V | 1 A | 2006 | 500 MWF | 30 H | 10P | 15/50 | 5 MA | AMH | OBS | B SW64 | 2N2222A | 0 |
| 2N738A | NS | 1018 | LCI | 125 V | 80 V | 5 V | 14 | 200C | 500 MWF | 30 N | 10 P | 15/50 | 5 MA | AMH | OBS | BSW64 | 2N2222A | 0 |
| 2N739 | NS | 1018 | 101 | 125 V | \&ov | 5 V | 14 | 200C | 50 CMWF | 60 M | 10P | 30/100 | 5 MA | AMH | MOB | BSW64 | 2N2222A | 0 |
| 2N739A | NS | 1018 | LCI | 125 V | cov | 5 V | 1 A | 200C | 500 MWF | 60 M | 10 P | 30/100 | 5 MA | AMH | MOB | BSW64 | 2N2222A | 0 |
| 2N740 | AS | 1018 | 101 | 125 V | 80 V | 5 V | 1 A | 200C | 500 MWF | 60 M | 10P | 60/200 | 5MA | AMH | MOB | USW64 | 2N2222A | 0 |
| 2N740A | NS | 1018 | 101 | 125 V | gov | 5 V | 14 | 200C | 500MWF | 60\% | 10 P | 60/200 | 5 MA | AMH | MOB | BSW64 | 2N2222A | 0 |
| 2N741 | PG | 1018 | LC1 | 15 V | 15v | Iv | 100 Ma | 100 C | 150 MHF | 180 M | 10P | 10 MN | 5 MA | VLA | MOB | AF106 |  | 0 |
| 2N741A | PG | 1018 | 101 | 20 V | 20 V | 1 V | 100ma | 100 C | 150 MWF | 300M | 10P | 10 MN | 5 MA | VLA | мов | AF106 |  | 0 |
| 2N742 | NS | T018 | LOI | 60 V | 60 V | 8 V | 100 ma | 2006 | 500 MhF |  |  | 20 MN | 100 MA | RMS | OBS | BSW64 | 2N2222A | - |
| 2N742A | AS | 1018 | 101 | 60 V | 60 V | 8 V | 100 ma | 200C | 500 MWF |  |  | 20 MN | 100 Ma | RMS | OBS | BSW64 | 2N2222A | 0 |
| 2N743 | NS | 1018 | LOL | 20 V | 12v | 5 v | 200MA | 175 C | 300 MhF | 280 M | 5P | 20160 | 10 Ma | RLS | SGI | B Sx20 | N 2369 | 0 |
| 2N743/46 | NS | 1046 | 101 | 20 V | 12v | 5 v | 20 cmA | 175 C | 400 MWF | 280 M | 5P | 20/60 | 1 cma | RMS | OBS | BS $\times 20$ | 2N2369 | 0 |
| 2N743/51 | As | OBS | OBS | 20 V | 12 V | 5 V | 20 ma | 175 C | 300 MHF | 280 M | $5 P$ | 20/60 | 10MA | RLS | OBS | BS $\times 20$ | 2N2369 | 0 |
| 2N744 | NS | 1018 | 101 | 20 V | 12 V | 5 V | 200mA | $175 C$ | 300 MHF | 280 N | 5 P | 40/120 | 10 MA | RLS | SGI | 8S×20 | 2N 2369 | 0 |
| 2N744/46 | As | 1046 | LOL | 20 V | 12v | 5 V | 200~A | 175C | 400 MWF | 280 M | 5 P | 40/120 | 10 MA | RMS | OBS | BS×20 | 2N2369 | 0 |
| 2N744/51 | NS | 1018 | 101 | 20 V | 12 V | 5 v | 200ma | 175C | 300MWF | 280 M | 5 P | 40/120 | 1 gma | RLS | OBS | BS×20 | 2369 | 0 |
| 2N745 | NS | 1018 | 101 | 45 V | 30 V |  |  | 1750 | 150 MWF | 10 M |  | 20/55 | 10 MA | RLG | OBS | BSW64 | 2N2222 | 0 |
| 2N746 | NS | 1018 | LO1 | 45 V | 30 V |  | 20MA | 1756 | 150 MWF | 10 M |  | $45 / 150$ | 10 MA | RLG | OBS | BSW64 | 2N2222A | 0 |
| 2 A 478 | NS | 1018 | LCl | 30 V | 30 V |  | 20 MA | 175 C | 200 MhF | $1{ }^{\circ}$ |  | 30/90 | 10 MA | RLS | OBS | BSW66 | 2N2222A | 0 |
| 2N748 | NS | T018 | 101 | 30 V | 30 v |  | zOMA | 175 C | 200 MWF | 10 M |  | 20/40 | 10 MA | RLS | OBS | BSW66 | 2N2222A | 0 |
| 2N749 | NS | 1018 | 101 | 45 V | 25 V |  | 20 MA | 1750 | 200 MWF | 50 M |  | 15/55 | 10 ma | RLG | OBS | BSW66 | 2N2222A | 0 |
| 2N751 | NS | 1018 | L01 | 20 V | 20v |  | 20MA | 175 C | 200 mmF | 20 M |  | 30/150 | 10 MA | RLG | OBS | BSW66 | 2N2222A | 0 |
| 2N752 | AS | 1018 | LOL | 85 V | $45 v$ |  | 100MA | $200 C$ | 500 Mh | 200M |  | 40/120 | 1 MA | RMS | OBS | B SW6o | 2N2222A | 0 |
| 2N753 | NS | TC18 | LO1 | 25 V | 15 v | 5 V | 200 MA | 175C | 30 CMWF | 200N | 5 P | 40/120 | 10 MA | RMS | SGI | BS×20 | 2N 2369 | 0 |
| 2N753/46 | NS | 1046 | 101 | 25 V | 15 v | 5 V | 200 mA | 175C | 40 CMWF | 200M | 5 P | 40/120 | 10 MA | RLS | OBS | BSX20 | 2N 2369 | 0 |
| 20753/51 | ns | 0bs | OBS | 25 V | 15 V | 5 V | 200 mA | 1756 | 300 MWF | 200 M | 5P | $40 / 120$ | 10 MA | RMS | OBS | BS $\times 20$ | 2N2369 | 0 |
| 2N754 | NS | 1018 | 101 | 60 V | 60 V | 3 V | 50 MA | 1756 | 300 MhF | 20 M | 10 P | 20/80 | 5 MA | RLG | OBS | BSW66 | 2N 2222A | 0 |
| 2N755 | NS | 1018 | L01 | 100 V | 100 V | 3 V | SONA | 175C | 300 MmF | 20 M | 10 P | 20180 | 5 MA | RLH | OBS |  | 2N3019 | 0 |
| 2N756 | ns | T018 | L01 | 45 V | 45 V | 6 V | 100 mA | 200C | 500 MWF | 50M | $8^{8}$ | 12/22 | 1 MA | RLG | OBS | BSW66 | 2N2222A | 0 |
| 2N756A | NS | 1018 | L01 | 60 V | 60 V | 6 V | 100 ma | $200 C$ | 500 MWF | 50 M | 10 P | 12122 | 1 MA | RLG | OBS | BSW66 | 2N2222A | 0 |
| 2N757 | ns | 1018 | 101 | 45 V | 45 V | 6 V | 100MA | 200 C | 500 MWF | 50 m | 8 P | 18/40 | 1 MA | RLG | OBS | BSW66 | 2N2222A | 0 |
| 2N757A | NS | IC18 | LCl | 60 V | 60 V | 6 V | 100 MA | 200C | 500 MmF | 50 N | 8 P | 20/40 | 1 MA | RLG | OBS | BSW66 | 2N2222A | 0 |
| 2N758 | NS | T018 | 101 | 45 V | 45v | 8 V | 100MA | 200C | 500 MWF | 50 M | 8 P | $18 / 90$ | 1 MA | RLG | OBS | B SW66 | 2N2222A | 0 |
| 2N758A | ns | T018 | LCl | 60 V | 60 V | 8 V | 100Na | 200C | 500 MWF | 50 M | 8P | 35165 | 1 MA | RLE | oes | BSW66 | 2N2222A | 0 |
| 2N758B | As | T018 | L01 | 60 V | 60 V | 8 V | 100MA | 175C | 500 MWF | 50 M | 8 P | 18 MN | 1 MA | RLG | OBS | BSW66 | 2N2222A | 0 |
| 2^759 | NS | T018 | L01 | 45 V | 45 V | 8 V | 100Na | $200 C$ | 500 MhF | 50 N | 8 P | $36 / 90$ | 1 MA | RLG | OBS | B SW66 | 2N2222A | 0 |
| 2A759A | NS | TC18 | LCI | 60 V | 60 V | 8 V | 100 ma | 200C | 500 MWF | 50 M | 8 P | 36/90 | 1 MA | RLG | OBS | BSW66 | 2N2222A | 0 |
| 2N7598 | NS | 1018 | LOI | 60 V | 60V | 8 V | 100 MA | 200C | 500 MWF | 50 M | 8 P | 25 MN | 1 MA | RLG | OBS | BSW66 | 2N2222A | 0 |
| 2N760 | AS | T018 | 101 | 45 V | 45 v | 8 V | 100 NA | 175C | 300Mwf | 50 M | 8 P | 76/333 | 1 MA | RLG | SGI | BSW6t | 2N2222A | 0 |
| 2N760A | ns | 1018 | L01 | 60 V | 60 V | 8 V | 100 mA | 1750 | 500 MWF | 50 M | 10 P | 40 MN | 100UA | RLG | SG I | BSW66 | 2N2222A | 0 |
| 2N7608 | NS | T018 | 201 | 60 V | 60 v | 8 V | 100 ma | 175C | 500 MWF | 50 M | 10 P | 50 mN | 1 MA | RLG | OBS | B SW66 | 2N 22224 | 0 |
| 21761 | ns | 1018 | LC1 | 45 V | 30 V | 6 V | 100NA | 200C | 500 MWF | 50 M | 8 P | $20 / 55$ | 10 MA | RLS | OBS | BSW66 | 2N2222A | 0 |
| 2N762 | NS | 1028 | L01 | 45 V | 30 V | 6 V | 100MA | 200C | 500 MHF | 50 M | 8 P | 45/150 | 10 MA | RLS | OBS | BSW66 | 2N2222A | 0 |
| 2N764-67 | IH |  |  |  |  |  |  |  |  |  |  |  |  | THY |  |  |  | 0 |
| 2N768 | PG | T018 | L01 | 12 V | 10 V | 1 V | 100MA | 100 C | 35M4F | 125 N | 3 P | 25/60 | 2 MA | VLS | OBS | AF 124 | 2N990 | 0 |
| 2N769 | PG | 1018 | 101 | 12 V | iv | 2 V | 100ma | 100C | 35 MWF | 100 M | 3P | 25 MN | 20 MA | VLS | OBS | AF 124 | 2N990 | 0 |
| 2N770 | ns | T05 | 104 | 20 V | 15 V |  | 10 cma | 150C | 150 MWF | 75 M |  | 12/60 | 20 MA | RMS | OBS |  | 2N3014 | 0 |
| 2N771 | AS | 105 | 104 | 20 V | 15 V |  | 100ma | $150 C$ | 150 MWF | 100 M |  | 30/150 | 20 MA | RMS | oes |  | 2N3014 | 0 |
| 2N772 | NS | 105 | 104 | 25 V | 25 V |  | l 00ma | 150C | 150 MmF | 75 M |  | 20 MN | 10 MA | RMS | CBS |  | 2N3014 | 0 |
| 2N773 | NS | 105 | L04 | 20 V | 15v |  | 100 MA | 150C | 150 MWF | 100 N |  | 4/16 | 1 MA | RMG | OBS |  | 2N3014 | 0 |
| 2N774 | NS | 105 | 104 | 20 V | 15 v |  | 100 MA | 150 C | 150 MWF | 100M |  | 7130 | 1 MA | RMG | OBS |  | 2N 3014 | 0 |
| 2N775 | NS | 105 | 104 | 20 V | 15 V |  | 100 MA | 150 C | 150 MmF | 100 M |  | 20180 | 1 MA | RMG | OBS |  | 2N3014 | 0 |
| 2N776 | ns | 105 | L04 | 20 V | 15 V |  | 100ma | 150C | 150 MHF | 100 M |  | 4/16 | 1 MA | RMG | OBS |  | 2N3014 | 0 |
| 2^177 | NS | 105 | LC4 | 20 V | 15V |  | 100MA | 150C | 150 MmF | 100N |  | $7 / 30$ | IMA | RMG | CBS |  | 2N3014 | 0 |
| 2N778 | NS | 105 | 104 | 20 V | 15 v |  | 100 mA | 150C | 150 MWF | 100\% |  | $20 / 80$ | 1 MA | RMG | obs |  | 2N3014 | 0 |
| 2N779 | PG | 1018 | L01 | 15 V | 15 V |  | 50 MA | 100C | 60 MWF | 320 M | 3 P | $50 / 200$ | 10 MA | VLS | OBS | AF 106 | 2N964 | 0 |
| 2N779A | PG | 1018 | 101 | 15 V | 15 V |  | 100 MA | 100C | 6 CMWF | 320 N | 3 P | 50/200 | 10 MA | VLS | OBS | AF106 | 2N964 | 0 |
| 2N7198 | PG | 1018 | L01 | 15V |  |  | 100 MA | 100C | 150 MWF | 320M | 3 P | 50/200 | 10 MA | VLS | OBS | AF106 | 2N964 | 0 |
| $2 N 780$ 2N781 | NS | 1018 1018 | LCl | 45v | 45 v | 1 V | 50 MA | 175C | 30 CMWF | 60 m | 6 P | $35 / 140$ $25 / 65$ | 500 UA 10 MA | ALG | OBS | BC107 | A157 | 0 |


| TRANSISTOR | $\left\|\begin{array}{l} \text { PM } \\ 0 \mathrm{OA} \\ \hline \mathbf{L T} \end{array}\right\|$ | $\begin{aligned} & \text { PACK- } \\ & \text { AGE } \end{aligned}$ | $\begin{aligned} & \text { LEAD } \\ & \text { INFO } \end{aligned}$ | VCB | $\begin{aligned} & \text { VCE } \\ & \text { MAX } \end{aligned}$ | $\begin{aligned} & \text { VEB } \\ & \text { MAX } \end{aligned}$ | $\stackrel{1}{c}$ | $\stackrel{\mathbf{T}}{\underset{M A X}{J}}$ | TOT | $\left\lvert\, \begin{array}{ll} F_{7} & C_{0 B} \\ \text { min } & \text { Max } \end{array}\right.$ | $\mathbf{H E}_{\mathbf{F E}}$ | $\begin{aligned} & \mathrm{H}_{\mathrm{FE}} \\ & \text { BLAS } \end{aligned}$ | USE | MFR | $\begin{aligned} & \text { EURO } \\ & \text { EOUT. } \end{aligned}$ | $\begin{aligned} & \text { USA } \\ & \text { ERT. } \end{aligned}$ | 4 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2N782 | PG | 1018 | LC1 | 15 V | 12 V | 2V5 | 200MA | 100 C | 150 MWF |  | 20/80 | 1 CMA | VMS | OBS | BSW25 | 2N3546 | 0 |
| 2N783 | NS | 1018 | L01 | 40 V | 20 V | 5 V | 200MA | 1750 | 300 MWF | 200M 3P5 | $20 / 60$ | 10 MA | RLS | FCU | BS $\times 20$ | 2N2369 | 0 |
| 2N784 | NS | T018 | L01 | 30 V | 15 V | 5 V | 200MA | 175 C | 300 MWF | 200M 3P5 | 20160 | 10 MA | RLS | FCU | BS $\times 20$ | 2N2369 | 0 |
| 2N784A | NS | 1018 | LOL | 40 V | 5 v | 5 V | 200MA | $200 C$ | 350 MWF | 300M 3P5 | 20/150 | 10 MA | RLS | OBS | 85×20 | 2N2369 | 0 |
| 2N784A/51 | NS | OBS | OBS | 40 V | 5 V | 5 V | 200MA | 200 C | 36 CMWF | 300M 3P5 | 20/150 | 10 MA | RLS | OBS | BS×20 | 2N2369 | 0 |
| 2N784A/46 | NS | 1046 | 101 | 40 V | $15 v$ | 5 v | 200 ma | 200 C | 360 MWF | 300M 3P5 | 20/150 | 10 MA | RLS | CBS | BS×20 | 2N2369 | 0 |
| 2N785 | PG | 08S | OBS | 12V |  |  | 50 MA | 856 | 50 Mw |  | 40 TP | 1 MA | VLA | Oes | AF124 | 2N990 | 0 |
| 2N789 | NS | 105 | 104 | 45 V | 30 v |  | 25 MA | 175 C | 150MWF | 1 M | 9 MN | 1 MA | Ala | OBS | BCY32 | 2N1475 | 0 |
| 2N190 | NS | 105 | L04 | 45 V | 30 V |  | 25 MA | 175 C | 150 MWF | 2 M | 18 MN | 1 MA | Al A | OBS | BCY32 | 2N1475 | 0 |
| 2N791 | NS | 105 | 104 | 45 v | 30 V |  | 25 MA | 175C | 150 MWF | 8 M | 18 MN | IMA | ALA | 08S | BCY32 | 2N1475 | 0 |
| 2N792 | NS | 105 | 104 | 45v | 30 V |  | 25 MA | 175 C | 150 MmF | 2 M | 36 MN | 1 MA | AlA | OBS | BC Y3 2 | 2N1475 | 0 |
| 2N193 | NS | 105 | L04 | 45 V | 30 V |  | 25 MA | 175 C | 150 MWF | 2M | 76 MN | 1 MA | ALA | OBS | BCY32 | 2N1475 | 0 |
| 2N794 | PG | 1018 | L01 | 13 V | 12 V | Iv | 100 MA | 85 C | 150 MmF | 25 ${ }^{\text {H }} 16 \mathrm{P}$ | 30 mN | 1 CmA | RLS | RCU | AF124 | 2N990 | 0 |
| 2N795 | PG | T018 | L01 | 13 V | 12 V | 4 V | 100 MA | 85 C | 150 MWF | $50 \mathrm{M} \mathrm{16P}$ | 50 MN | 1 OMA | RLS | RCU | AF124 | 2N990 | 0 |
| 2 N 796 | PG | 1018 | 101 | 13 V | 12 V | 4 V | 100 MA | 85 C | 150 MWF | 35M 16P | 50 MN | 10 MA | RLS | RCU | AF 124 | 2N990 | 0 |
| 2N797 | NG | 1018 | 101 | 20 V | $7 v$ | 4 V | 150MA | 1000 | 15 CMWF | 600* 6P | 40/120 | 10 MA | Vms | OBS | BS $\times 20$ | 2N2369 | 0 |
| 2N799 | PG | OBS | 0 OS | 25 V | 12 V |  | 100 mA | 85 C | 75 MWF | 4 M | $30 / 90$ | 10 MA | RLS | OBS | ASY27 | 2N1305 | 0 |
| 21800 | PG | OBS | OBS | 25 V | 12v |  | 100 MA | 85 C | 75 MWF | 4 M | $30 / 90$ | 10 MA | RLS | 0日S | ASY27 | 2N1305 | 0 |
| 2N801 | PG | oes | 085 | 30 V | 18 V |  | 400 ma | 85 C | 75 MWF |  | $30 / 60$ | 10 MA | RLS | OBS | ASY27 | 2N1305 | 0 |
| 2N802 | PG | OBS | 08S | 30 V | 18 V |  | 40 cma | 85 C | 75 MHF |  | $30 / 60$ | 10 MA | RLS | OBS | ASY27 | 2N1305 | 0 |
| 21803 | PG | ces | OBS | 30 V | 15 V |  | 400mA | $85 C$ | 75 MmF |  | 40/80 | 10 MA | RLS | ces | ASY 27 | 2N1305 | 0 |
| 2N804 | PG | O日S | OBS | 30 V | 15 V |  | 400 MA | 85 C | 75 MWF |  | $40 / 80$ | 10 MA | RLS | OBS | ASY27 | 2N1305 | 0 |
| 21805 | PG | OBS | OBS | 30 V | 12 V |  | 10 cma | 85C | 75 MWF |  | 60 MN | 10 MA | RLS | OBS | ASY27 | 2N1305 | 0 |
| 2N806 | PG | OBS | OBS | 30 V | 12V |  | $40 J \mathrm{MA}$ | $85 C$ | 75 MWF |  | 85 TP | 100 MA | RLS | 0BS | ASY27 | 2N1305 | 0 |
| 2N807 | PG | oes | OBS | 25 V | 14 V |  | 100MA | 85 C | 70 MWF | 14M | 40 MN | 20 MA | RLS | OBS | ASY27 | 2N1305 | 0 |
| 21808 | PG | OBS | OBS | 25 V | 14 V |  | 100 MA | 85 C | 70 MWF | 14M | 40 MN | 20 MA | RLS | OBS | ASY27 | 2N1305 | 0 |
| 2N809 | PG | obs | OBS | 30 V | 15 V |  | 200MA | 85 C | 75 MWF | 3 M | 25/110 | 25 MA | RMS | OBS | ASY27 | 2N1305 | 0 |
| 2N810 | PG | OBS | OBS | 30 V | 15V |  | 200MA | 85 C | 75 MWF | 3 M | 25/110 | 25 MA | RMS | 085 | ASY27 | 2N1305 | 0 |
| 2N811 | PG | OBS | OBS | 30 V | 12 V |  | 200 MA | 85 C | 75 MWF | 5 M | 45/180 | 45 MA | RMS | OBS | ASY27 | 2N1 305 | 0 |
| 2N812 | PG | obs | OBS | 30 V | 12 V |  | 200MA | 85 C | 75 MwF | 5 M | 45/180 | 45 MA | RMS | OBS | ASY27 | 2N1305 | 0 |
| 2^813 | PG | OBS | 085 | 30 V | 10 V |  | 200ma | 85 C | 75 MWF | 15M | 55/220 | 55 MA | RMS | OBS | ASY27 | 2N1305 | 0 |
| 2N814 | PG | 08S | OBS | 30 V | 10 V |  | 200MA | $85 C$ | 75 MiFF | $15 M$ | $55 / 220$ | 55 MA | RMS | OBS | ASY27 | 2N1305 | 0 |
| 2N815 | NG | ces | OBS | 25 V | 15 V |  | 200MA | 85 | 75 |  | 60/180 | 30 MA | RMS | OBS | ASY29 | 2N1304 | 0 |
| 21816 | $\wedge \mathrm{N}$ | OBS | OBS | 25 V | 15 V |  | 14 | 85 C | 75 MWF |  | 60/180 | 30 MA | RMS | 085 | ASY29 | 2N1304 | 0 |
| 2N817 | NG | oes | OBS | 30 V | 15 V |  | 400 MA | 85 C | 75 MmF |  | 20 MN | 50 MA | RMS | OBS | ASY29 | 2N1304 | 0 |
| 21818 | AG | OBS | OE | 30 | 15 V |  | 400 NA | 850 | WWF |  | 20 MN | 50 MA | RMS | OBS | ASY29 | 2N1304 | 0 |
| 2N819 | NG | 08S | OBS | 30 V | 20 V |  | 400 MA | 85 C | 75 MWF |  | 30 M | 50 MA | RMS | OBS | ASY29 | 2N1 304 | 0 |
| 2N820 | NG | abs | OBS | 30 V | 20 V |  | 400 MA | 85 C | 75 MWF |  | 30 | 50 MA | RMS | OBS | ASY29 | 2N1304 | 0 |
| 2N821 | NG | obs | OBS | 30 V | 25 V |  | 400MA | 85 C | 75 MWF |  | 40 MN | 50 MA | RMG | OBS | ASY29 | 2N1304 | 0 |
| 21822 | NG | obs | oes | 30 V | 25 V |  | 400 MA | 85C | 75 MWF |  | 40 MN | 50 MA | RMS | OBS | ASY29 | 2N1304 | 0 |
| 2N823 | nG | ObS | ObS | 25 V | 12 V |  | 100mA | 85 C | 75 | 4 M | 40 MN | 20 MA | R MG | OBS | ASY29 | 2N1304 | 0 |
| 2N824 | PG | obs | OBS | 30 V | 18 V |  | 100 MA | 85 C | 70 | 2M | 30/150 | 10 MA | RMG | OBS | ASY27 | 2N1305 | 0 |
| 21825 | PG | ors | OBS | 30 V | 20 V |  | 200 Ma | 85 C | 70 | 2N | 30/150 | 10 MA | RMS | Ces | ASY27 | 2N1305 | 0 |
| 2N826 | PG | ors | 08S | 30 V | 20 V |  | 200MA | 85C | 70 MW | 2 M | 30/150 | 10 MA | RMS | OBS | ASY27 | 2N1305 | 0 |
| 2N827 | PG | 1018 | LC1 | 20 V | 15 V | 4 V | 100MA | 100 C | 150 MWF | 125M 7P | 100 mN | 1 CMA | VMS | OBS | BSW25 | 2N3 546 | 0 |
| 2N228 | PG | 1018 | LO1 | 15 V | 15 V | 2 V 5 | 200ma | 10 CC | 150 MwF | 150N 7P | 25 MN | 10 MA | VMS | RCU | BSW25 | 2N354t | 0 |
| 2^828A | PG | 1018 | L01 | 15 V |  | 2 V | 200MA | 100C | 150 MWF | 150M 7P | 50 MN | 10 MA | VMS | OBS | 8SW25 | 2N3546 | 0 |
| 21829 | PG | 1018 | LCl | 15 V |  | 2V5 | 200MA | 100C | 15 CMWF | 150M 7P | 25 MN | 10 MA | VMS | OBS | BSW 25 | 2N3546 | 0 |
| 2N834 | NS | 1018 | LO1 | 40 V | 30 V | 5 V | 200MA | 175 C | 30 CMWF | 350M 4P | 25 MN | 1 OMA | RLS | SGI | $85 \times 20$ | 2N2369 | 0 |
| 2N834/46 | AS | r04t | 101 | 40 V | 30 V | 5 V | 200MA | 200C | 360 MWF | 350M 4P | 25 MN | 10 MA | RLS | OBS | BS $\times 20$ | 2N2369 | 0 |
| 2N834/51 | NS | Oes | OBS | 40 V | 30 V | 5 V | 200 MA | 175C | 30 CMWF | 350 N 4 P | 25 NN | 10 MA | RLS | CBS | $85 \times 20$ | 2N2369 | 0 |
| 2N834A | NS | 1018 | LOL | 40 V | 15 V | 5 V | 200MA | 175 C | 360 MWF | 500M 4P | 25 MN | 10 MA | VLS | SGI | BS $\times 20$ | 2N2369 | 0 |
| 2N835 | AS | 1018 | LCI | 25 v | 20 V | 3 V | 200~A | 175C | 300 MWF | 300M 4P | 20 MN | 1 CMA | RLS | FCU | 8SX20 | 2N2369 | 0 |
| 2N835/46 | NS | 1046 | LO1 | 25 V | 20 V | 3 V | 200MA | 2006 | 360 MWF | 300M 4P | 20Mn | 10 MA | RLS | OBS | BS $\times 20$ | 2N2369 | 0 |
| 2N835/51 | AS | Oes | 08S | 25 V | 20 V | 3 V | 200 ma | 175 C | 300 MWF | 300N 4P | 20 MN | 10 mA | RLS | OBS | B5×20 | 2N2369 | 0 |
| 21837 | PG | 1018 | L01 | 12 V | 6 V | 1 V | 100ma | 100C | 150 MWF | 300~ 9F | 25 MN | 1 CMA | VLS | OBS |  | 2N838 | 0 |
| 2N838 | PG | 1018 | LOI | 30 V | 15 V | 2 V | 100MA | 100C | 150 MWF | 300M 9P | 25 MN | 10 MA | VLS | MOB |  | 2N838 | 0 |
| 2N839 | AS | 1018 | LC1 | 45 V | 45 V | 2 V | 50 mA | 175C | 300MWF | 30M 16P | 15/50 | 10 MA | AL G | OBS | BC107 | Al 57 | 0 |
| 2N840 | AS | 1018 | LCl | 45 V | 45 V | 2 V | 504 A | 1750 | 300 MWF | 30M 16P | 30/100 | 10 MA | ALG | O8S | BC 107 | A157 | 0 |
| 2N841 | NS | 1018 | LO1 | 45 V | 45 V | 2 V | 50 MA | 175C | 300 MWF | $40 \mathrm{~N} \mathrm{16P}$ | 60/400 | 10 MA | ALG | OBS | BC107 | A157 | 0 |
| 2N841/46 | NS | 1046 | 101 | 45 V | 45 V | 2 V | 50 MA | 175 C | 30 CMWF | 40 M 16 P | 60/400 | 1 cma | AL G | OBS | BC107 | A157 | 0 |
| 2N841/51 | NS | 085 | Obs | 45 V | 45 V | 2 V | 50 MA | 175C | 300 MWF | $40 \mathrm{M} \mathrm{16P}$ | 60/400 | 10 MA | ALG | OBS | BC 107 | A157 | 0 |
| EN842 | As | TC18 | LC1 | 45 V | 45 v | 2 V | 50 MA | 1756 | 300MWF | 30M 12P | 20/55 | 10 MA | ALG | OBS | BC107 | A157 | 0 |
| 2N843 | NS | 1018 | 101 | 45 V | 45 V | 2 V | 50 MA | 175C | 300 MWF | 40 M 15 P | 45/150 | 10 MA | AL G | OBS | BC107 | A157 | 0 |
| 2N844 | NS | T018 | LCl | 60 V | 60 V | 3 V | 50 MA | 175C | 30 CMWF | 50 M 12 P | 40/120 | 5 MA | Alg | CBS | BC107 | 2N929 | 0 |
| 21845 | NS | T018 | LCl | 100 V | 80 V | 3 V | 50 MA | 175 C | 300MWF | 25M 12P | 40/120 | 5 MA | ALH | OBS | BS×21 | 2N2896 | 0 |
| 2N846 | PG | 1018 | LOI | 15 V | 15 V |  | 50 MA | 100C | 60 MWF | 320M | 25/125 | 10 MA | VLS | OBS |  | 2N960 | 0 |
| 2N846A | PG | 1018 | L01 | 15 V | 15 V |  | 100MA | 100C | 60 MmF | 320 M | $20 / 125$ | 10 MA | VLS | OBS |  | 2N960 | 0 |
| 2N846B | PG | T018 | L01 | 15 V | 15 V |  | 100 MA | 100C | 150 MWF | 320 M | 20/125 | 10 MA | VLS | OBS |  | 2N960 | 0 |
| 2N847 | NS | OBS | OBS | 20 V | 15 V |  | 50 MA | 175C | 20 CMWF | 600 N | 20/60 | 1 OMA | VLS | Oes | $85 \times 20$ | 2N2369 | 0 |
| 2N848 | AS | OBS | OBS | 40 V | $25 v$ |  | 50 MA | 1750 | 200MWF | 600M | $40 / 120$ | 10 mA | VL S | OBS | $85 \times 20$ | 2N2369 | 0 |
| 2N849 | ns | OBS | OBS | 25 V | 15 V |  | 50 MA | 1750 | 300 MWF | 600M | 20/60 | 10 MA | VL S | OBS | BS $\times 20$ | 2N2369 | 0 |
| 2N850 | NS | obs | 08S | 25 V | 15 V |  | 50 MA | 175C | 300 MWF | 600 M | 40/120 | 10 MA | VLS | OBS | BSX20 | 2N 2369 | 0 |
| 21851 | NS | obs | 085 | 20 V | 12 V |  | 200MA | $175 C$ | 300 MWF | 300 M | 20/60 | 1 OMA | VLS | OBS | BS $\times 20$ | 2N2369 | 0 |
| 2^852 | As | OBS | OBS | 20 V | 12 V |  | 200 MA | 175C | 300 MWF | 300M | 40/120 | 1 CMA | VLS | OBS | B5×20 | 2N2369 | 0 |
| 2N858 | PS | r018 | LO1 | 40 V | 40 V | $25 V$ | 50 MA | $140 C$ | 150 MWF | $5{ }^{5} 10 \mathrm{P}$ | 10/60 | 5 MA | ALS | OBS | BSW24 | 2 N 2907 A | 0 |
| 2N859 | Ps | T018 | LO1 | 40 V | 40 V | 25 V | 50 MA | $140 C$ | 150 MHF | 6 M 10 P | 25/100 | 5 MA | AL S | OBS | BSW24 | 2N2907A | 0 |
| 2N860 | PS | 1018 | LCl | 25 V | 25 V | 20 V | 50 MA | 140 C | 150 MWF | 7M 10P | 10/40 | 5 MA | AlS | OBS | BSW24 | 2N2907A | 0 |
| 2N861 2N862 | PS | 1018 | LO1 | 25 V | 25 V | 20 V | 50 MA | 140 C | $\left\lvert\, \begin{aligned} & 150 \mathrm{MWF} \\ & 150 \mathrm{MWF}\end{aligned}\right.$ | 8M <br> 8 M <br> 10 l <br> 10P | $25 / 75$ $12 / 48$ | 5 MA | Als | OBS | (1) | 2N2907A 2N2907A | 0 |




| TRANSISTOR NUMBER | $\begin{gathered} \text { PM } \\ \mathbf{O A} \\ \mathbf{L T} \end{gathered}$ | $\begin{array}{\|c} \text { PACK- } \\ \text { AGE } \end{array}$ | $\begin{array}{\|c\|} \text { LEAD } \\ \text { INFO } \end{array}$ | $\begin{aligned} & \text { VCB } \\ & \text { MAX } \end{aligned}$ | $\begin{gathered} \text { VCE } \\ \text { MAX } \end{gathered}$ | $\begin{aligned} & \text { VEB } \\ & \text { MAX } \end{aligned}$ | $\underset{\operatorname{MAX}}{\mathbf{I}}$ | $T$ MAX | TOT | $\left\lvert\, \begin{array}{ll} F_{\mathrm{T}} & C_{O B} \\ \text { MIN } & \text { MAX } \end{array}\right.$ | $H_{F E}$ | $\begin{gathered} \mathrm{H}_{\mathrm{FE}} \\ \text { BIAS } \end{gathered}$ | USE | MFR | $\begin{aligned} & \text { EURO } \\ & \text { EQVT. } \end{aligned}$ | $\begin{aligned} & \text { USA } \\ & \text { EQVT. } \end{aligned}$ | ISS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2^1021 | PG | 103 | 105 | 100 V | 50 V | 30 V | 5 A | 95C | 85WC | 200K | 30/90 | 5 A | AHH | TIB | AS 215 | 2N1533 | 0 |
| 2N1021A | PG | 103 | L05 | 100 V | 55 V | 20 V | 7 A | 100C | 15 ckC | 100K | 30/90 | 5 A | AHH | OBS | ASZ15 | 2N 1533 | 0 |
| 2N1022 | $P G$ | 103 | L05 | 120 V | 50 V | 30 V | 5 A | 95C | 85 WC | 200k | 30/90 | 5 A | AHH | TIB | AS 215 | 2N1533 | 0 |
| 2N1022A | PG | 103 | L05 | 12 CV | 55 V | 20 V | 7 A | 100 C | 150 WC | 200K | 30/90 | 5 A | AHH | OBS | AS215 | 2N1533 | 0 |
| 2N1023 | PG | 1044 | 136 | 40 V |  | ov 5 | 10 MA | 100C | 120 MWF | 50 M 4 P | 20/175 | 500 UA | VLA | RCU | AF 124 | 2N990 | 0 |
| 2N1024 | PS | 105 | 104 | 18 v | 15 V | 18 V | 100ma | 1756 | 250 MWF | 1 M 14 P | 9 MN | 1 MA | ald | ObS | BCr32 | 2N1475 | 0 |
| 2N1025 | PS | 105 | L04 | 40 V | 35 V | 40 V | 100ma | 175C | 25 cmmF | 1* 14P | $9 / 22$ | 1 MA | Al A | OBS | BCY32 | 2N1475 | 0 |
| 2N1026 | PS | T05 | L04 | 40 V | 35 V | 40 V | 100 mA | 175C | 250 M | 2 M 14 P | 18/44 | 1 MA | AlA | OBS | BCY32 | 2N1475 | 0 |
| 2N1026A | PS | 105 | LC4 | 35 V | 35 v |  | 100 mA | 200C | 400 ML | $2 \mathrm{M} \mathrm{14P}$ | 36/88 | 1 MA | ALA | OBS | BCY32 | 2N1475 | 0 |
| 2^1027 | PS | 105 | L04 | 18 V | 15V | 18 V | 100MA | 1750 | 250 MHF | $4 \mathrm{M} \mathrm{14P}$ | 18 MN | 1 MA | ALA | OBS | BCY32 | 2N1475 | 0 |
| 2N1028 | PS | TC5 | 104 | 18 V | 10 | 12 V | 100 ma | 175 C | 250 MWF | 3M 14P | 9 MN | 1 MA | ALA | CbS | BCY32 | 2N1475 | 0 |
| 2N1029 | PG | 103 | 105 | 50 V | 20 V | 25 V | 15A | 100 C | SOWC |  | 20/60 | 10A | AHG | OBS | ASZ 16 | 2N1536 | 0 |
| 2N1029A | PG | 103 | 105 | 50 V | 40 V | 25 V | 15A | 100C | 90 WC |  | 20/60 | 1 CA | AHG | OBS | AS216 | 2N1536 | 0 |
| 2N1029B | PG | 103 | 105 | 90 V | 70 V | $25 v$ | 15 A | 100C | 9 OWC |  | 20160 | 104 | AHH | OBS | AS215 | 2N1533 | 0 |
| 2N1029C | PG | TC3 | LC5 | 10 V | 80 V | 25 V | 15 A | 100C | 90 WC |  | 20/60 | 10A | AHH | OBS | ASZ 15 | 2N1533 | 0 |
| 2N1030 | PG | 103 | 105 | 50 V | 30 V | 25 v | 15A | 100C | 90 WC |  | 50/100 | 10A | AHH | OBS |  |  | 0 |
| 2N1030A | PG | 103 | L05 | 60 V | 40 V | 25 V | 15 A | 100 C | 90 WC |  | 50/100 | 10A | AHG | OBS |  |  | 0 |
| 2N1030B | PG | 103 | 105 | 90 V | 75V | 25 V | 154 | 100C | 90 WC |  | 50/100 | 10 A | AHH | OBS |  |  | 0 |
| 2N1030C | PG | 103 | 105 | 100 V | 80 V | 25 V | 15 A | 100C | 9 CWC |  | $50 / 100$ | 10 A | АНн | OBS |  |  | 0 |
| 2N1031 | PG | $\times 07$ | 105 | 5 CV | 30 V | 25 V | 15 A | 100C | 90 nC |  | 20/60 | 10A | AHG | OBS |  |  | 0 |
| 2N1031A | PG | $\times 07$ | L05 | 60 V | 40 V | 25 v | 15A | 100C | 9 ChC |  | $20 / 60$ | 10 A | AHG | 0BS |  |  | 0 |
| 2N10318 | PG | $\times 07$ | L05 | 90 V | 70 V | 25 V | 15 A | 100C | 90 WC |  | 20/60 | 10 A | A | ORS |  |  | 0 |
| 2N1031C | PG | $\times 07$ | 105 | 10 CV | 80 V | 25 V | 15 A | 100C | 90 WC |  | 20160 | 10 A | AHH | OBS |  |  | 0 |
| 2N1032 | PG | $\times 07$ | 105 | 50 V | 30 V | 25v | 15A | 100C | 90 WC |  | $50 / 100$ | 10 A | AHH | CBS |  |  | 0 |
| 2N1032A | PG | $\times 07$ | L05 | 60 V | 40 V | 25 v | 15 A | 100C | 90 WC |  | 50/100 | 10 A | AHH | OBS |  |  | 0 |
| 2N1032B | PG | $\times 07$ | L05 | 90 V | 70 V | $25 v$ | 15A | 100C | 9 CWC |  | $50 / 100$ | 1 CA | AHH | OBS |  |  | 0 |
| 2N1032C | PG | $\times 07$ | L05 | 100 V | 80 V | 25 V | 154 | 100C | 9 CWC |  | 50/100 | 10A | AHH | OBS |  |  | 0 |
| 2N1034 | PS | 105 | L04 | 50 V | 40 V | 20 V | 万OMA | 160 C | 250 MWF | 100K140P | $9 / 22$ | IMA | AHA | OBS | BCY32 | 2N1475 | 0 |
| 2N1035 | PS | 105 | 104 | 50 V | 35 v | 20 V | SOMA | 160 C | 25 cmF | 150 K 140 P | $8 / 42$ | 1 MA | ALA | OBS | BCY32 | 2N1475 | 0 |
| 2N1036 | PS | 105 | L04 | 50 V | 30 V | 20 V | 50 MA | 160 C | 250 MmF | 250K140P | 34/88 | IMA | AlA | OBS | BCY32 | 2N1475 | 0 |
| 2^1037 | PS | 105 | 104 | 5 CV | 35 V | 20 V | 50ma | $160 C$ | 250 NWF | 120K 140 P | $9 / 42$ | 1 MA | AHA | OBS | BCY32 | 2N1475 | 0 |
| 2N1038 | PG | 105 | 104 | 40 V | 30 V | 20 V | 3 A | 95 C | 800 MWF | 225K200P | 20/60 | 1 A | AHG | OBS | AD162 | 2N2835 | 0 |
| 2N1038/1 | $P G$ | $\times 26$ | L59 | 40 V | 30 V | 20 V | 3 A | 95 C | 1 WF | 225K200P | 20/60 | 1 A | AHG | OeS | A0162 | 2N2835 | 0 |
| 2N1038/2 | $P G$ | $\times 26$ | 159 | 4 cV | 30 V | 20 V | 3 A | 95C | 1WF | 225K200P | 20/60 | 14 | AHG | OBS | AD162 | 2N2835 | 0 |
| 2N1039 | PG | T05 | 104 | 60 V | 40 V | 20 V | 3A | 95 C | 800 MWF | 275K200p | $20 / 60$ | 1 A | AHG | OBS | AD162 | 2N2835 | 0 |
| -1039/1 | PG | $\times 26$ | 159 | 60 V | 40 V | 20 V | 34 | 950 | 1 WF | 225 K 200 P | 20160 | 1 A | AHG | OBS | AD162 | 2N2835 | 0 |
| 2N1039/2 | PG | $\times 26$ | L59 | 60 V | 40 V | 20 V | 3 A | 95 C | 1 wF | $225 \times 200 \mathrm{P}$ | 20/60 | 1 A | AHG | CBS | AD16 2 | 2N2835 | 0 |
| 2N1 040 | PG | 105 | L04 | 80 V | 50 V | 20 V | 3 A | 95 C | 800 MwF | 225 K 200 P | 20/60 | 14 | AHG | 08 S | AD162 | 2N2835 | 0 |
| 2N1040/1 | PG | $\times 26$ | L59 | 80 V | 50 V | 20 V | 3 A | 95 C | IWF | 225K200p | 20/60 | $1 \Delta$ | AHG | OBS | AD162 | 2N2835 | 0 |
| 2N1040/2 | PG | $\times 20$ | L59 | 80 V | 50 V | 20 V | 3 A | 950 | 1 WF | 225K2000 | 20160 | 1 A | AHG | 08 S | AD162 | 2N2835 | 0 |
| 2N1C41 | $P G$ | $\times 26$ | 159 | 100 V | 60 V | 20 V | 3 A | 95 C | 1 lm | 225 K 200 P | 20160 | 1 A | AHH | OBS | ASL15 | 2N1533 | 0 |
| 2N1041/1 | $P G$ | $\times 26$ | L59 | 10 CV | 60 V | 20 V | 3 A | 95 C | 1WF | 225 K 200 P | $20 / 60$ | 1 A | AHH | OBS | ASZ 15 | 2N1533 | 0 |
| 2N1041/2 | PG | $\times 26$ | L59 | 100 V | 60 V | 20 V | 3 A | 95 C | 1 wF | 225K200P | 20/60 | 14 | AHH | OBS | ASL15 | 2N1533 | 0 |
| 2N1042 | PG | $\times 26$ | 159 | 40 V | 30 V | 20 V | 3A | 100C | 20WC | 225k200p | 20/60 | 3A | AHG | OBS | AS216 | 2N1536 | 0 |
| 2N1042/1 | $P G$ | $\times 26$ | L59 | 40 V | 30 V | 20 V | 3 A | 100C | 20 WC | 225K200P | $20 / 60$ | 3 A | AHG | OBS | ASL16 | 2N1536 | 0 |
| 21104212 | PG | $\times 2 \epsilon$ | L59 | 40 V | 30 V | 20 v | 3 A | 100C | 20wC | 225k200P | $20 / 60$ | 3 A | AHG | OBS | A SL16 | 2N 1536 | 0 |
| 2N1043 | PG | T05 | LO4 | oov | 40 V | 20 V | 3 A | 100C | 20WC | 225K200P | $20 / 60$ | 3 A | AHG | OBS | ASZ16 | 2N1536 | 0 |
| 2N1043/1 | PG | $\times 26$ | L59 | 60 V | 40 V | 20 V | 34 | 100c | 20 WC | 225K200P | 20160 | 3 A | AHG | OBS | AS216 | 2N1536 | 0 |
| 2N1043/2 | PG | $\times 26$ | 159 | 60 V | 40 V | 20 V | 3 A | 100 C | 20 WC | 225K200P | 20160 | 3 A | AHG | OBS | ASL1ó | 2N1536 | 0 |
| 2N1044 | PG | $\times 26$ | L29 | 80 V | 50 V | 20 V | 3 A | 1006 | 20WC | 225K200P | 20/60 | 3 A | AHH | OBS | AS 115 | 2N1533 | 0 |
| 2N1044/1 | PG | $\times 26$ | L59 | 80 V | 50 V | 20 V | 3 A | 100C | 2 CwC | 225 K 200 P | $20 / 60$ | 3 A | AHH | OBS | ASL15 | 2N1533 | 0 |
| 2N1C44/2 | PG | $\times 26$ | L59 | 80 V | 50 V | 20 V | 3A | 100C | 20 WC | 225k 200 P | 20/60 | 3A | AHH | OBS | AS215 | 2N1533 | 0 |
| 2N1045 | PG | $\times 26$ | 129 | 100 V | 60 v | 20 V | 3 A | 100C | 2 CWC | 225K 200P | 20/60 | 3 A | AH | OBS | ASZ15 | 2N1533 | 0 |
| 2N1045/1 | $P G$ | $\times 26$ | L59 | 100 V | 60 V | 20 V | 3 A | 100 C | 2 ChC | 225k200P | 20/60 | 3 A | AHH | OBS | AS215 | 2N1533 | 0 |
| 2N1045/2 | $P G$ | $\times 26$ | 159 | 100V | 60 V | 20 V | 3 A | 100 C | 20 wC | 225K200P | 20160 | 3 A | AHH | ors | ASZ15 | 2N1533 | 0 |
| 2N1046 | PG | 103 | L05 | 100 V | 50 V | IV5 | 12 A | 100C | 50 WC | 10 M | 40 MN | 5 A | RHG | IIB | AUY29/ | 52N1167 | 0 |
| 2N1046A | PG | 103 | 105 | 130 V | 50 V | 1V5 | 12 A | 100 C | 50 WC | 15 M | 40 MN | 54 | RHH | Tis | AL100 | 2N2147 | 0 |
| 2N10468 | PG | T03 | L05 | 130 V | 50 V | IV5 | 12A | 100 C | 50 WC | 15M | 20 MN | 10 A | RHH | TIS | ALI00 | 2N2147 | 0 |
| 2N1047 | NS | oes | 02 S | 80 V | 80 V | 6 V | 500ma | 200C | 4 CWC | 2 N | $12 / 36$ | 50 CMA | RHG | T1B | B0y79 | 2N5050 | 0 |
| 2N1047A | NS | OBS | טBS | 80 V | 80 V | 10 V | 500ma | 200C | 20 WC | 2 M | 12136 | 500 ma | RHG | 118 | BDY79 | 2N5050 | 0 |
| 2N10478 | NS | OBS | OBS | 80 V | 80 V | 10 V | 750 MA | 2006 | 20 WC | 6 M | $12 / 36$ | 500 MA | RHG | T18 | Boy 79 | 2N5050 | 0 |
| 2N1048 | NS | oes | obs | 120 V | 120 V | 6 V | 500 ma | 200C | 2 ChC | 2 N | $12 / 36$ | 500 MA | RHH | T18 | BDY79 | 2N5050 | 0 |
| 2N1048A | As | obs | 085 | 120 V | 120 V | 10 V | 500ma | 200C | 20wC | 2 M | 12/36 | 500MA | RHH | T18 | BDY79 | 2N5050 | 0 |
| 2110488 | NS | ObS | 0日S | 120 V | 120 V | 10 V | 750MA | 200C | 20WC | 6 N | 12/36 | 500MA | RHH | 118 | B6Y79 | 2N5050 | 0 |
| 2N1049 | NS | 08s | 08S | 80 V | 80 v | 6 V | 500 ma | 200 C | 20 wC | 2 M | 30/90 | 500MA | RHG | 118 | BDY 79 | 2N5050 | 0 |
| 2N1049A | ns | obs | obs | 80 V | 80 V | 10 V | 500ma | 2000 | 20wC | 2 M | 30/90 | 500mA | RHG | T18 | B0Y79 | 2N5050 | 0 |
| 2N1049B | NS | oes | OBS | 80 V | 80 V | 10 V | 750MA | 2006 | 20 WC | 6 N | 30/90 | 500 MA | RHG | T1B | BDY79 | 2N5050 | 0 |
| 2N10496 | NS | oes | obs | 80 V | 80 V | 10 V | 500 A | 200c | 20 WC | 2 M | 30190 | 500MA | RHG | OBS | B DY79 | 2N5050 | 0 |
| 2N1050 | NS | obs | 08S | 120 V | 120 V | 6 V | 500 ma | 200C | 20WC | 2 M | $30 / 90$ | 500ma | RHH | T18 | BDY79 | 2N5050 | 0 |
| 2N1050A | NS | OBS | OBS | 120 V | 120 V | 10 V | 500MA | 200C | 20 WC | 2 M | 30/90 | 50 OMA | RH | T18 | BDY79 | 2N5050 | 0 |
| 2N10508 | AS | Obs | OBS | 120 V | 120 V | 10 V | 750MA | 2006 | 20WC | 6 M | 30/90 | 500MA | RHH | T18 | B DY79 | 2N5050 | 0 |
| 211050C | NS | OBS | OBS | 120 V | 80 V | 10 V | 500MA | 200C | 20 hc | 2M | 30/90 | 5COMA | RHH | ObS | 80Y79 | 2N5050 | 0 |
| 2N1051 | NS | T05 | 104 | 60 V | 40 V | 8 V | looma | 150 C | 500 MmF | 60 M 7 P | 30/100 | 5 MA | RLG | OBS | B SW54 | 2N2219A | 0 |
| 2N1052 | NS | 105 | LC4 | 200 V | 155 V | 6v | 500na | 200 C | 600 MWF | 2M100P | 20/80 | 2 CCMA | AMH | OBS | BSW66 | 2N1893 | 0 |
| 2N1053 | NS | 105 | LC4 | 180 V | 135 V | 6 V | 500MA | 200C | 600 MWF | 2M100P | 20180 | 200 MA | AM | 08S | BSW66 | 2N1893 | 0 |
| 2N1054 | As | T05 | L04 | 125 V | 115 V | 6 V | 500MA | 200C | 600 MWF | 2M100p | 20 MN | 2 C0MA | AMH | OBS | B SW66 | 2N1893 | 0 |
| 2N1055 | NS | 105 | LC4 | 10 V | 100 V | 6 V | 500ma | 200C | 3WC | 2M160P | $20 / 80$ | 50 MA | AMH | OBS | BSW66 | 2N1893 | 0 |
| 2N1056 | PG | 105 | L04 | 75 V | 50 V | 15 V | looma | 100 C | 240 MWF | 400K 80P | 18/43 | 20 MA | AMH | OBS | ACYil | 2N1176 | 0 |
| 2N1057 | PG | T05 | L04 | 45 V | 45 V | 5 V | 300ma | 100C | 240 MWF | IM 80P | 34/90 | 20 MA | AMH | OBS | AC Y17 | 2N1176 | 0 |
| 2N1058 | Ing | 1022 | L37 | 20 V | 18 V |  | joma | $75 C$ | 50 MWF | $4 \mathrm{M} \mathrm{20P}$ | 50/100 | IOMA | RL | OBS | ASY29 | 2N1304 | 0 |


| TRANSISTOR NUMBER | $\left\|\begin{array}{c} \mathbf{P M} \\ \mathbf{O A} \\ \mathbf{L T} \end{array}\right\|$ | $\begin{aligned} & \text { PACK- } \\ & \text { AGE } \end{aligned}$ | $\begin{aligned} & \text { LEAD } \\ & \text { INFO } \end{aligned}$ | VCB MAX | $\begin{aligned} & \text { VCE } \\ & \text { MAX } \end{aligned}$ | VEB MAX | ${ }_{\text {MAX }}^{\mathbf{I}}$ | $\stackrel{T}{\underset{\text { max }}{J}}$ | TOT | $\begin{array}{ll} F & C_{0 B} \\ \text { MIN } & \text { MAX } \end{array}$ | $H_{\text {FE }}$ | $\begin{gathered} \mathrm{H}_{\mathrm{FE}} \\ \text { BIAS } \end{gathered}$ | USE | MFR | $\begin{aligned} & \text { EURO } \\ & \text { EOVT. } \end{aligned}$ | USA ERVT. | ISS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| EN1059 | NG | 1022 | L37 | 40 V | 15v | 10 V | 100 MA | 75C | 180 |  | 50/100 | 10 MA | RLS | OBS | A $5 \times 29$ | 2N1304 | 0 |
| 2N1060 | AS | 1018 | L01 | 40 V | 40 V |  | $j 0 \mathrm{~N}$ | 150C | 250 |  | 17 mN | 5 MA | RLS | OBS | BSW64 | 2N2222A | 0 |
| 2^1065 | PG | 105 | LC4 | 40 V | 20 V | IV | 50 | 85C | 12 cm | 18 M | 20/80 | 2 MA | RLG | OBS | AF124 | 2N990 | 0 |
| 2N1066 | PG | 1012 | 109 | 40 V | 40 V | OV5 | 50 N | 100 C | 12 cmmF | 60M 4P | 20/175 | 2MA | RLG | RCU | AF124 | 2N990 | 0 |
| 2N1067 | As | to8 | L12 | 60 V | 0 V | 12 V | 500MA | 175 C | 5 WC | 750k | 15/75 | 200 MA | AHG | RCU | ZT1486 | 2N1486 | 0 |
| 2N1068 | NS | 198 | L12 | 60 V | 30 V | 12 V | 500MA | 175C | 10 WC | 750 K | 15/75 | 750 MA | HG | RCU | 211486 | 2N148t | 0 |
| 2N1069 | NS | T03 | L05 | 60 V | 45 V | 9 v | 4 A | 175 C | 50 WC | 600k | 20/50 | 1500 MA | AHG | RCU | BCY20 | 2N3055 | 0 |
| 2^1070 | NS | T03 | LC5 | 60 V | 45 V | 9 V | 4 A | 1750 | 50 WC | 600k | 20/50 | 150 CMA | AHG | RCU | Bey 20 | 2N3055 | 0 |
| 2N1072 | NS | OBS | OBS | 75 V |  | 6 V | 2 A | 150 C | 13 WC | 30 M | 20 M | 75 CMA | AHG | OBS | BDY7e |  | , |
| 2N1073 | PG | 103 | LC5 | 40 V |  | OV7 | 10 A | 1106 | 6 CkC | 700k | 20/60 | 54 | G | OBS | ALI 100 | 2147 | 0 |
| 2N1073A | PG | 103 | L05 | 8 Cv |  | OV1 | 10 A | 110 C | 60 nc | 700k | 20/60 | 5 A | RHG | OPS | ALLIOC | 2N2147 | 0 |
| 2N10738 | PG | 103 | L05 | 120 V |  | Ov7 | 10 A | 110 C | 60 WC | 700k | 20/60 | 5A | RHH | OBS | All 00 | 2N2147 | 0 |
| 2N1074 | AS | 105 | LC4 | 50 V | 40 v |  | 50 MA | 160 C | 250 MWF | 200K | 9/44 | 5 MA | ala | OBS |  |  | 0 |
| 2N1075 | NS | 105 | L04 | 50 V | 35 V |  | 50 mA | 1600 | 250 | 250k | 18/44 | 5 MA | Ala | OBS |  |  | 0 |
| 2N1076 | NS | 105 | 104 | 50 V | 30 V |  | 5 MMA | 160 C | 25 CMmF | 300k | 36/88 | 1 MA | AlA | OBS |  |  | 0 |
| 211077 | As | tos | LC4 | 50 V | $35 v$ |  | SOMA | 160 C | 25 CMWF | 200k | 144 | 5MA | LA | oes |  |  | 0 |
| -N1078 | PG | Oes | JBS | 60 V | 45 V |  | 3 A | 85 C | 20 WC | 100K | 30MN | 500 MA | A | OBS | AD 162 | 2N 2835 | 0 |
| 2N1079 | AS | CBS | OES | 60 V | V | 10 V | 5 A | 200C | 6 CW | bM | 20/80 | 1 A | R | OBS | BDY23 | 2N3445 | 0 |
| 2N1080 | AS | OBS | OBS | 60 V | 60 V | 10 V | 5 A | 200c | 60 WC | $2 \times$ | 20/80 | 2 A | RH | OBS | BCY23 | 2N3445 | 0 |
| 2N1081 | NS | 105 | LC4 | 40 V | 40 V | 10v | 750 MA | 200C | 600 MmF | 100P | 20/100 | 50 CMA | ANG | OBS | BFY50 | 2N2297 | 0 |
| 2N1082 | ns | 105 | LC4 | $25 v$ |  | 2 V | 5 CNA | 2 COC | 200 MWF | 17M 5P | 10/50 | 10MA | ALA | OBS | Efyso | 2N2297 | 0 |
| 2N1084 | PS | 105 | L04 | 50 V | 50 V | 5 V | 24 | 100C | 600 M | 10 M | 15/60 | 500 ma | AHG | OHS | HF S95 | 2N4036 | 0 |
| 2N1085 | NS | 105 | 104 | 60 V | 50 V | 5 V | 2 A | 100C | 600 M | 5 M | 40/120 | 500 MA | AH | OBS | BFY5C | 2N2297 | 0 |
| 2N1086 | AG | 1022 | L37 | 9V | 9 v |  | 20 ma | 100C | 65 | 4 M | 17/195 | 1 MA | RLG | OBS | ASY29 | 2N1304 | 0 |
| 2N1086A | NG | 1022 | L37 | 9 v | qv |  | 2 CmA | 100 C | 65 | 4 M | 17/195 | 1 MA | RLG | ORS | ASY29 | 2N1304 | 0 |
| 2N1087 | NG | 1022 | L37 | 9 v | $9 v$ |  | 20NA | 1006 | 65 MWF | 4M | 17/195 | ina | G | OBS | $\Delta S Y 2 S$ | N1304 | , |
| 2N1090 | AG | tos | 104 | 25 V | 15 V | 20 V | 400 MA | 85 C | 120 MWF | 3 M 30 P | 30 MN | 20 NA | RMS | RCU | ASY29 | $3{ }^{4}$ | 0 |
| 2N1091 | NG | T05 | LC4 | 25 V | 15 V | 20 V | 400 mA | ${ }^{85} 5$ | 120 NmF | 6 N 30 P | 40 NN | 20 Na | RNS | RCU | A SY 29 | 2N1304 | 0 |
| 2N1092 | NS | T05 | L04 | 60 V | 30 V | 12 V | 500 ma | 1750 | 2 nc | 630k | 15/75 | 200MA | AMG | RCU | BFY50 | 2N2297 | 0 |
| 2^1093 | PG | T05 | LC4 | 30 V | 15 V | 15 V | 250 NA | 95C | 150 WF | 4M 24 P | 50/150 | 5 CMA | RMS | OBS | ASY27 | 2N1305 | 0 |
| 2N1094 | PG | T018 | LC 1 | 30 V | 15 V | $1 v$ | 4 CNA | 1000 | 150 MWF | 3 CON 4 F | 15M | 4 MA | A | crs | AF106 |  | 0 |
| 2N1097 | PG | 105 | LO4 | 18 V | 16 V |  | 100mA | 1000 | 200 NWF | 1 N | 34/90 | 20 MA | AL G | OBS | AC125 | 1406 | 0 |
| 2N1098 | PG | 105 | LC4 | 18 V | 16 V |  | 100 MA | 100C | 20 CMFF |  | $25 / 90$ | 1 MA | ALG | OBS | AC125 | N406 | 0 |
| 2N1099 | PG | 1036 | 113 | 80v | 55 V | 40 V | 15A | $95 C$ | 5 CWC | 150K | 35/70 | 54 | $\Delta H G$ | Mue | ADZ12 | 2N1100 | 0 |
| 2N1100 | PG | r03t | L13 | 100 V | 90 V | 65 V | 158 | 95 C | 50 WC | 150K | 25/50 | $5 \triangle$ | AHH | Mus | AD212 | 2N1100 | 0 |
| 2N1101 | NG | 1022 | 137 | 2 CV | 15 V |  | 100 ma | 750 | 180 mhF | 100k | 5/50 | 10 Na | $\Delta L G$ | CBS | 176 | 30 | 0 |
| 2N1102 | NG | 1022 | L37 | 40 V | 25 V |  | 100 ma | 75 C | 180 MWF | 100k | 25/50 | 35 MA | AMG | OBS | C176 | 30 | 0 |
| 2A1103 | AS | T05 | L04 | 45 V | 35 V | Iv | 20MA | 150C | 125 NWF | 12 M 3p | 30/65 | 1 CMA | AL 6 | ORS | BFY50 | 7 | 0 |
| 2N11C4 | NS | tos | LO4 | 45 V | 35 v | 1 v | 20 MA | 150 C | 125 MmF | 25M 3P | 45/150 | 10 MA | ALG | OBS | BFY50 | 2N 2297 | 0 |
| 2N1107 | PG | r022 | 137 | 16 V |  |  | SNA | 1006 | 30 MWF | 20\% 3p | 18 MN | 500UA | RLA | OBS | AF124 | 2N990 | 0 |
| 2^116 | PG | TC22 | L37 | 16 V |  |  | Ma | 1000 | 3 CNMF | 15~3F | $1 \in N$ | 50 Cua | A | ces | 24 | 90 | 0 |
| 2N1109 | PG | T022 | L37 | 16 V |  |  | A | 100 C | 3 CMWF | 15M 3P | 11 MN | 5 COUA | RLA | OBS | AF124 | 90 | 0 |
| 2N1110 | PG | 1022 | 137 | 16 V |  |  | SMA | 100 C | 30 MWF | 15M 3P | 15 MN | 5 CCUA | RLA | OBS | AF 124 | N990 | 0 |
| 2 N 1 | PG | 1022 | 137 | 20 V |  |  | 5 MA | 100C | 30 WWF | 15 M 3 P | 13 MN | 500Ua | RLA | OBS | AF124 | 2N990 | 0 |
| 2N11114 | PG | T022 | 137 | 20 V |  |  | 5MA | 100 C | 30 MmF | 15N 3P | 15 MN | 500UA | RLA | OBS | AF124 | 2N990 | 0 |
| 2^11118 | $P G$ | 1022 | 137 | 27 V |  |  | 5MA | 100 C | 3 cmm | 15N 3P | 30 | 5 CCUA | A | CBS | AF124 | 2N991 | 0 |
| 2N1114 | NG | T05 | L04 | 25 V |  | 15 V | 200MA | 100 C | 15 CMm | 4 M | 40/180 | OMA | S | OHS | ASY29 | 2N1304 | 0 |
| 2N1115 | PG | T022 | 137 | 20 V | 15 V |  | 125NA | 85 C | 150 M | 4M | 35 MN | 60 MA | RNS | OBS | ASY27 | 2N1305 | 0 |
| 2A1115A | PG | 1022 | 437 | 35 V | 20 V |  | 125 MA | 85 C | 150 MWF | 4 M | 35 MN | 60 MA | RMS | OBS | ASY27 | 2N1305 | 0 |
| 2N1116 | NS | 105 | 104 | 60 V | 60 V | 6 V |  | 2006 | 60 CMWF | 4N120P | 40/150 | 500 MA | ANG | OBS | BFY50 | 2N2297 | 0 |
| 2N1117 | AS | IC5 | LC4 | 60 V | 60 V | 6 V |  | 2000 | 600 N | M100P | 40/150 | 2 Coma | AMC | ORS | EFY5C | 2N2297 | 0 |
| 2N1118 | Ps | 105 | 104 | 25 V | 25 V | 10 V | 50 MA | 1400 | 150 MWF | 20M 12P | 15 MN | ins | G | OBS | BFX29 | 2N2905A | 0 |
| 2N1118A | PS | T05 | 104 | 25 V | 25 V | 10 V | 5 CNA | 140 C | 150 MmF | 20\% 12 P | 15/35 | 1 NA | RLG | OBS | BF $\times 29$ | 2905A | 0 |
| 2N1119 | PS | 105 | L04 | 10V | 10 V | 10 V | 50 ma | 1406 | 150 MWF | 20\% 12P | 18 MN | 5 mA | RLG | OBS | $3 F \times 29$ | 2N2905A | 0 |
| 2^1120 | PG | $\times 07$ | L05 | 8 CV | 50 V | 40 V | 15A | 95C | 45 hC | 75k | 20/50 | 1 CA | AHH | OBS | ASZ15 | 2N1533 | 0 |
| 2N1121 | $\wedge \mathrm{A}$ | 1022 | L37 | 15 V | 15 V |  | 2 CMA | 85 C | 65 MWF | 4 M | 32/110 | 1 MA | RLA | OBS | ASY29 | 2N1304 | 0 |
| 2N1122 | PG | OBS | OBS | 12V | 11 v |  | 50MA | 100 C | 25 NWF | 40M 6P | 25 MN | 10 Ms | vLS | ORS | AF124 | 2N990 | 0 |
| 2N11224 | PG | ors | Oes | 15 V | 14v |  | 50 MA | 100C | 25MwF | 40N 6P | 25 N | IOMA | VLS | CRS | AFI 124 | 2N990 | 0 |
| 2N1124 | PG | 105 | L04 | 40 V |  | 40 V | 250 NA | 85 C | 3004WF | 600k | 40 MN | 10 MA | AMG | OES | ACY17 | 2N1176 | 0 |
| 2N1125 | PG | 105 | LC4 | 40 V |  | 4 CV | 500mA | 85 C | 30 CMWF | 600k | 50/150 | 5CCNA | AMG | oes | ACY 17 | 2N1176 | 0 |
| 2N112t | PG | T05 | L04 | 40 V | 35 V |  | 150NA | 85 | 1wF | 400k | 10 MN | 1Na | ANG | OBS | AC Y 17 | 2N1176 | 0 |
| 2N1127 | PG | 105 | L04 | 40 V |  |  | 150MA | 856 | 1wF | 1 M | 50/150 | 500 mA | AMG | OBS | ACY17 | 2N1176 | - |
| 2^1128 | PG | 105 | LC4 | 25 V | 18 V |  | 25 CMA | 85 C | 150 MmF | 500k 80P | 70/150 | 2 ma | ANG | C8S | ACY17 | 2N1176 | - |
| 2N1129 | PG | 105 | L04 | 25 V |  |  | 250 MA | 856 | 15 CMmF | 300K 80p | 100 mN | 2 coma | amg | OBS | ACY17 | 2N1176 | 0 |
| 2N1130 | $P G$ | T05 | LC4 | 30 V |  |  | 250~A | 85 C | 150 MWF | 300k 80p | 50/165 | 100 Ma | AMG | ELN | ACY17 | 2N1176 | 0 |
| 2N1131 | PS | 105 | 104 | 50 V | $35 v$ | 5 V | t00ma | 175 C | 600MWF | 50N 45 P | 20145 | 150 ma | ANG | MUE | BF×30 | 2N290 5a | 0 |
| 211131/51 | PS | OBS | OBS | 50 V | 35V | 5 V | 600MA | $175 C$ | 300 MWF | 50 N 45 P | 20145 | 150 ma | AMG | OBS | BF×30 | 2N2905A | 0 |
| 2N1131A | PS | 105 | L04 | 50 V | 35v | 5 V | 600ma | 175C | 60 CMWF | 50 N 30 P | 20/45 | 150 ma | AMG | FCU | BFX30 | 2N2905A | 0 |
| 2Nil31A5l | PS | 0es | OBS | 50 V | $35 v$ | 5 V | 600 mA | 175C | 600 MWF | $50 \mathrm{M} \mathrm{30P}$ | 20/45 | 150 MA | AHG | OBS | BF×30 | 2N2905A | 0 |
| <N1132 | PS | 1039 | LC4 | 50 V | 35 V | 5 V | 600NA | 175C | 600 MWF | 60 M 45P | 30/90 | 150 MA | ANG | SGI | BFS 95 | 2N4036 | 0 |
| 2N1132146 | PS | 1046 | 101 | 50 V | 35v | 5 V | 6000 ma | 175C | 400 MWF | 60N 45 P | 30/90 | 150 ma | ang | OBS | BSW 24 | 2N2907A | 0 |
| 2N1132/51 | PS | obs | OBS | 50 V | $35 v$ | 5 V | $600 \mathrm{NA}^{\text {a }}$ | 175 C | 300 MWF | 60 N 45 P | $30 / 90$ | 150 MA | AM | OBS | $8 \operatorname{Sin} 24$ | 2N2907A | 0 |
| 2N1132A | PS | 105 | LC4 | 60 V | 40 V | 5 V | GOCMA | 175 C | 600 NWF | $60 \mathrm{M} \mathrm{30P}$ | 30/90 | 15CMA | AMG | SGI | BFS95 | 2N4036 | 0 |
| 2N1132A46 | PS | 104t | L01 | 60 V | 40 V | 5 V | 600MA | 175C | 400 MWF | G0M 30P | 30/90 | 150MA | ang | OBS | BSW24 | 2N2907A | 0 |
| 2N1132A51 | PS | oes | OBS | 60 V | 40 V | 5 V | 600 ms | 175 | 300 MWF | 60\% 30P | 30190 | 150MA | AMG | OBS | BSW24 | 2N2907A | 0 |
| 2^11328 | PS | 105 | L04 | 70 V | 45 V | 6 V | 600MA | 175C | 600 MWF | 60 N 50 P | 30/90 | 150 mA | AMG | SGI | BFX29 | 2N2905A | - |
| 2N1132846 | PS | T046 | L04 | 70 V | 45 V | 6 V | 600 mA | 175C | 400 MWF | 60 M 50P | 30/90 | 150 MA | AMG | OBS | BSH24 | 2N2907A | 0 |
| 2N1132851 | PS | OBS | obs | 70 V | 45 V | 6 V | goons | 175C | 300 MWF | $60 \mathrm{M} \mathrm{5CP}$ | 30/90 | 150 MA | AMG | OBS | BSW24 | 2N2907A | 0 |
| 2N1135 | PS | 1018 | L01 | 12 V | 12 V |  |  | 140 C | 100 MWF | 6 M |  |  | RLS | OBS | BSW25 | 2N3546 | 0 |
| 2N1135A | PS | 1018 | LC1 | 12 V | 12 V |  |  | 140 C | 10 cmmF | 6 N |  |  | RLS | OBS | BSH25 | 2N3546 | 0 |


| TRANSISTOR NUMBER | $\begin{gathered} \text { PM } \\ \text { OA } \\ \text { LT } \end{gathered}$ | PACK- | $\begin{array}{\|c\|} \hline \text { LEAD } \\ \text { INFO } \end{array}$ | $\begin{aligned} & \text { VCB } \\ & \text { MAX } \end{aligned}$ | $\begin{aligned} & \text { VCE } \\ & \text { MAX } \end{aligned}$ | VEB MAX | ${ }_{\operatorname{MAX}}^{\mathbf{c}}$ | $\begin{gathered} \mathbf{T} \\ \underset{\text { MAX }}{ } \end{gathered}$ | Тот | $\begin{aligned} & \text { F } \quad C_{0 B} \\ & \text { MIN } \end{aligned}$ | $H_{F E}$ | $\begin{gathered} \mathrm{H}_{\mathrm{FE}} \\ \text { BIAS } \end{gathered}$ | USE | MFR | $\begin{aligned} & \text { EURO } \\ & \text { EQVT. } \end{aligned}$ | USA EQVT. | ISS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2N1136 | PG | T03 | 105 | 6 | 30 V |  | 6 A | 1000 | 94WC |  | 50/100 | 3 A | AHG | OBS | AS 216 | 2N1536 | 0 |
| 2N1136A | PG | 103 | LC5 | 90 V | 55 V |  | 64 | 100C | 94 WC |  | 50/100 | 34 | AHH | CES | ASZ 15 | 2N1533 | 0 |
| 2N11368 | PG | 103 | L05 | 100 V | 65 V |  | 6 A | 100C | 94 hC |  | 50/100 | 3A | AHH | OBS | AS215 | 2N1533 | - |
| 2N1137 | PG | 103 | LC5 | 60 V | 30 V |  | 6 6 | 100 C | 94 WC |  | 75/150 | 3 A | AHG | OBS | AS116 | N1536 | 0 |
| 2N1137A | PG | 103 | 105 | 90 V | 55 V |  | 64 | 100C | 94 WC |  | 75/150 | 3 A | AHH | ORS | ASZ15 | 2N1533 | 0 |
| 2N11378 | PG | 103 | 105 | 100 V | 65 V |  | 6 A | 100 C | 94 hC |  | 75/150 | 3 A | AHH | obs | AS215 | 2N1533 | 0 |
| 2N1138 | PG | 103 | 105 | 60 V | 25 V |  | 5A | 100 C | 60 WC |  | 100 MN | 3 A | AHG | oes | AS216 | 2N1536 | 0 |
| 2N1138A | PG | 103 | L05 | 90 V | 55 v |  | 5A | 100C | 94 WC |  | 100 mN | 3 A | AHH | OBS | ASZ15 | 2N1533 | - |
| 2N1138B | PG | ros | LC5 | 100 V | 65 v |  | 5 A | 100C | 94 WC |  | 100 MN | 3 A | AHH | OBS | ASL15 | 2N1533 | 0 |
| 2N1139 | ns | 105 | 104 | 15v | 15 V | 3 V | L00MA | 175 C | 500 MWF | $100 \mathrm{M} \mathrm{15P}$ | 20/200 | 10 MA | RLS | ORS | BSW54 | 2N2219A | 0 |
| 2N1141 | PG | 105 | LO4 | 35 v |  | 1 V | 100MA | 100C | 300 MmF | 350N 3P | 10 mN | 10 MA | VLA | IIB | AF106 |  | 0 |
| 2N1141A | PG | T05 | LC4 | 35 v |  | Iv | 10 CmA | 100 C | 300 MWF | 250M 3P | 15 MN | 1 CMA | VLA | OBS | AF 106 |  | 0 |
| 2N1142 | PG | ICS | LC4 | 30 V |  | 0V7 | 100MA | 100C | 300 MWF | 300M 3P | 10 MN | 10 ma | VLA | TIB | AF 106 |  | 0 |
| 2N1142A | PG | 105 | L04 | 30 V |  | ov7 | 100ma | 100C | 300 MWF | 200N 3 P | 15 NN | 10 MA | VLA | OBS | AF106 |  | 0 |
| 2N1143 | PG | 105 | L04 | 30 V |  | av5 | 100NA | 100C | 300 MWF | 200~ 3P | 10 MN | 10 MA | VLA | TIB | AF106 |  | 0 |
| 2N1143A | PG | T05 | 04 | 30 |  | OV 5 | 100 mA | 100 C | 300 MWF | $200 \mathrm{M} \mathrm{3P}$ | 15 MN | 10 MA | VIA | OBS | AF 106 |  | 0 |
| 2N1144 | PG | OBS | O8S | 16 V | 15 V |  | l0cma | 85 C | 175 MWF | 1M 70 P | $34 / 90$ | 20 MA | Al G | OBS | AC Y17 | 2N1176 | 0 |
| 2N1145 | PG | obs | obs | 16 V | 15 V |  | 100MA | $85 C$ | 175 NwF | 1 M 70 P | 25/90 | 20MA | AL G | OBS | ACY1 | 2N1176 | 0 |
| 2N1146 | PG | 103 | L05 | 40 V | 20 V | 30 V | 15A | 950 | 9 CWC | 125k | 60/150 | 5 A | AHG | OBS | ASZ16 | 2N1536 | 0 |
| 2N1146A | PG | 103 | L05 | 60 V | 30 V | 30 V | 154 | 95 C | 90 WC | 125 K | 60/150 | 54 | $A H G$ | OBS | ASZ16 | 2N1536 | 0 |
| 2N11468 | PG | 103 | L05 | 80 V | 40 V | 3 CV | 154 | 950 | 9 CWC | 125 K | 60/150 | 5 A | AHG | 085 | AS216 | 2N1536 | 0 |
| 2N1146C | PG | 103 | L05 | 100 V | 50 V | 30 V | $15 A$ | 95 C | 90 WC | 125 K | $60 / 150$ | 54 | AHH | OBS | AS 21 | 2N1533 | 0 |
| 2N1147 | PG | $\times 07$ | L05 | 4 CV | V | 30 V | 154 | 956 | 90 WC | 125 K | 60/150 | 5 A | G | 0 O | AS 2 | 2N1536 | 0 |
| 2N1147A | PG | $\times \mathrm{C} 7$ | L05 | 60 V | 30 V | $30 v$ | 15A | 95 C | 90 WC | 125 K | 60/150 | 5 A | AHG | OES | ASZ 16 | 2N1536 | 0 |
| 2N11478 | PG | $\times 07$ | 105 | 80 V | 40 V | 30 V | 15A | 95 C | 9 CWC | 125K | 60/150 | 54 | AHG | 085 | ASL16 | 2N1536 | 0 |
| 2N1147C | PG | $\times 07$ | 105 | 1 cov | 50 V | 30 V | 15A | 95 C | 90 CC | 125k | 60/150 | 5 A | AH | OBS | AS215 | 2N1533 | 0 |
| 2N1149 | NS | 1022 | 137 | 45 V |  | IV | 25MA | 1756 | 150 MmF | 6 M 12 P | $9 / 20$ | 25 MA | RLG | OBS | BSW54 | 2N2219A | 0 |
| 2N1150 | As | 1022 | L37 | 45 V |  | 1 V | 25 NA | 175C | 150 Mh | on 12P | 18/40 | 25 MA | RLG | oes | BSW5 | 2N2219A | 0 |
| 2N1151 | AS | 1022 | 137 | 45 V |  | IV | 25MA | 175 C | 150MWF | 7 M 12 P | 18190 | 25 MA | RLG | OBS | BSW | 2N2219A | - |
| 2N1152 | NS | 1022 | 137 | 45 V |  | IV | 25 MA | 175C | 150MwF | 7M 12P | 36/90 | 25 MA | RLG | OBS | BSW54 | 22 | 0 |
| 2N1153 | As | 1022 | 137 | 45 V |  | 1 V | 25MA | 1750 | 15 | 8 M 12 P | $76 / 333$ | 25MA | RLG | ORS | HSWS4 | 2N2219A | - |
| 2N1154 | NS | 1022 | L37 | 5 CV |  | IV | G0MA | $165 C$ | 75CMWC | 400 K | 9 mN | 60MA | ALG | Oes | BC107 | Al | 0 |
| 2N1155 | NS | T022 | L37 | 80 V |  | 1 v | 50 | 165 C | 750 MWC | 400K | 9 MN | 50 MA | ALG | OBS | BC107 | A157 |  |
| 2N1156 | ns | 1022 | 137 | 120 V |  | 1 v | 40 | 165 C | 750MWC | 400k | M | 4 cma | AL G | 0日S | BC107 | A157 | 0 |
| 2N1157 | PG | OBS | OBS | 60 V | 45 V | 28 V | 40 A | 100C | 187WC | 100k | 10M | 404 | A | OBS |  |  | 0 |
| 2A1157A | PG | OBS | OBS | 80 V | 50 V | 28 V | 4 CA | 100C | 187 WC | 100k | 10 MN | 40 A | AHH | OBS |  |  | 0 |
| 2 N | $p \mathrm{P}$ | 105 | 104 | 20 V |  | OV5 | 100 ma | 100 C | 75 NWF |  | 6 MN | 50 MA | ULA | OBS | AF239S |  | 0 |
| 2N1158A | PG | 105 | L04 | 20 V |  | OVs | 100 ma | 100C | 75 MWF | 5P | 501 T | 3 MA | ULA | 085 | AF 239 S |  | 0 |
| 2N1159 | PG | 103 | LC5 | 80 V | 60 V | 20 V | 54 | 100 C | 90 WC | 100K | $30 / 75$ | 3 A | AHH | OBS | ASL15 | $2 N$ | 0 |
| 2N1160 | PG | 103 | 105 | 8 CV | 60 V | 20 V | 5 A | 100 C | 90 WC | 100K | $20 / 50$ | 3 A | AHH | OBS | ASL | 2N1533 | 0 |
| 2 | PG | T03 | L05 | 50 V | 35 V | 25 V | 25 A | 100 C | 90 WC | 100K | 15/65 | 25 A | AHG | MCB |  | 2N1162 | 0 |
| 2N1162A | PG | to3 | LC5 | 5 CV | 35 V | 25 V | 25 A | 100 C | SowC | 100k | $15 / 65$ | 25 A | C | $\cdots \mathrm{NB}$ |  | 2 | 0 |
| 2N1163 | PG | $\times 07$ | 105 | 50 V | 35 v | 25 v | 254 | 100C | OWC | 100 | $15 / 65$ | 25 A | HG | MOS |  | N1162 | 0 |
| 2N1163A | PG | $\times 07$ | LC5 | 50 V | 35 V | 25 V | 25 A | 100C | 9 chC | 100K | 15/65 | 25 A | AHG | MOB |  | N1162 | 0 |
| 2N1164 | PG | 103 | 105 | 80 V | 60 V | 40 V | 254 | 100 C | 90 WC | 100k | 15/65 | 25 A | AHH | MOB |  | 2N1166 | 0 |
| 2N1164A | PG | T03 | L0 | 80 | 60 V | 40 V | 25A | 100 C | 90 WC | 100K | 15/65 | 25 A | AHH | MOB |  | 1166 | 0 |
| 2N1165 | PG | $\times 07$ | LC5 | 80 V | 60 V | 40 V | $25 A$ | 100 C | 90 WC | 100k | $15 / 65$ | 25 A | AHH | MCB |  | 166 | 0 |
| 2N1165A | PG | $\times 07$ | 105 | 80 V | 60 V | 4 cv | 25A | 100C | 90 WC | louk | 15/65 | 25 A | HH | MOB |  | 166 |  |
| 2N1166 | PG | 103 | LC5 | 100V | $75 v$ | 50 V | 25 A | 100C | 90 WC | 100k | 15/65 | 25 A | AHH | MOE |  | 1166 | 0 |
| 2N1166A | PG | 103 | 105 | 100 V | 75 V | sov | 25A | 100C | 90 WC | 100k | 15/65 | 254 | AH | MOB |  | 1166 | 0 |
| 2N1167 | PG | $\times 07$ | 105 | 100V | 75 v | 5 CV | 25A | 100C | 9 CWC | 100K | $15 / 65$ | 25 A |  | MOB |  | 1166 | 0 |
| 2N1167A | PG | $\times 07$ | LC5 | 100 V | 75 V | 50 V | 25 A | 100C | 9 CWC | lojk | 15/65 | 25 A | AHH | MOB |  | 1166 | 0 |
| 2N1168 | PG | 103 | 405 | sov | 30 V | 20 V | 54 | 956 | 45NC |  | 70 MN | 1 A | AHG | OBS | AS 116 | 2N1536 | 0 |
| $2 \mathrm{Al169}$ | NG | 105 | ic4 | 25 V | 18 V | 25v | 400MA | 85 C | 120 MhF | 3 N | 20 NN | 200 Ma | RMS | RCU | ASY 29 | 2 Nl 304 | 0 |
| 2N1170 | NG | 105 | 104 | 40 V | 20 V | 40 V | 400 NA | 85 C | 12 MmFF | 3M | 20 mN | 200 ma | RMS | RCU | ASY29 | 2N1304 | 0 |
| 2N1171 | PG | 105 | LC4 | 30 V | 12 V | 20 V | 400 MA | 85 C | 70 MWF | 8M 25 P | 30MN | 30 MA | RMS | ORS | ASY27 | 2N1305 | 0 |
| 2N1172 | PG | 1037 | 147 | 40 V | 30 V |  | 1500 NA | 956 | 7 hC |  | $30 / 90$ | 100 MA | AMG | OBS |  | 2 N 2197 | 0 |
| 2N1173 | $\wedge \mathrm{A}$ | Tos | L04 | $35 v$ | 20 V | 35 V | 200ma | 100 C | 250 MWF | 3 N 25 P | $50 / 200$ | 10 MA | RMS | OBS | A SY29 | 2N1304 | 0 |
| 2N1174 | PG | 105 | LC4 | 35 V | 20 V | 35 V | 200MA | 100C | 2SCNWF | 3 N 25 P | $50 / 200$ | 1 CMA | RMS | OBS | ASY27 | 2N1305 | 0 |
| 2N1175 | PG | 105 | $\llcorner 04$ | 35 V | 25 v | 10 v | 200~A | 85C | 200 MWF | 1 M 50 P | 70/140 | 20 MA | AMG | NOB | ACY17 | 2N1176 | 0 |
| 2N1175A | PG | 105 | 104 | 35 V | 25 V | 10 V | 200ma | 85 C | 200 MWF | 1 M 5 CP | 70/140 | 20 MA | AMG | OBS | ACY17 | 2N1176 | 0 |
| 2N1176 | PG | 105 | 104 | 35 V | 35 V | 10 V | 300 ma | 100 C | 300 MhF | 300K 70P | 20 MN | 10 MA | ALG | ELN | ACY17 | 2N11768 | 0 |
| 2N1176A | $P G$ | 105 | L04 | 40 V | 40 V | 10 V | 300 MA | 100C | 300 MWF | 300 K 70 P | 20 MN | 1 CMA | ALG | ELN | ACY17 | 2N11768 | 0 |
| 2N1176B | PG | TC5 | L04 | oov | 60 V | 10 V | 300 MA | 100C | 300 NWF | 300K 90P | 20MN | 1 CmA | ALS | ELN | OC712 | 2N11768 | 0 |
| 2N1177 | $\mathrm{PG}_{\mathrm{G}}$ | 107 | 107 | 30 V | 20 v | Iv | OMA | 100C | 30 MiF | 60 M | 100 TP | 1 MA | RLG | RCU | AF 124 | 2N990 | 0 |
| 2N1178 | PG | 107 | L07 | 30 V | 25 V | Iv | 10 MA | 100 C | 80 MWF | 60N 4 P | 401 P | 1 Na | RLG | RCU | AF124 | 2N990 | 0 |
| 2^1179 | PG | 107 | 107 | 30 V | 20 V | 1 V | 10 MA | 100C | 8 CMhF | 60 N 4 P | 80 TP | 1 MA | RLG | RCU | AF124 | 2N990 | 0 |
| 2N1180 | PG | 107 | 107 | 20 V | 10 V | 0V5 | 10 MA | 100C | 80 MmF | 50M 4P | 80 IP | 1 MA | RLG | RCU | AF124 | 2N990 | 0 |
| 2N1182 | PG | O8S | OBS | 60 V | 6 Cv |  |  | 100 C | 106WC |  | 30/85 | 500 MA | ${ }^{\text {AHG }}$ | OBS | ASI15 | 2N1533 | 0 |
| 2N1183 | PG | 108 | 112 | 45 V | 20 V | 20 V | 3 A | 100C | 7WC | 350K | 20/60 | 400 MA | AHG | RCB | AD136 | 2N1184B | B |
| 2^1183A | PG | 108 | 112 | 60 V | 30 V | $20 \vee$ |  | 100 C | 7 WC | 500k | 20/60 | 4 COMA | AHG | RCA | ACl 36 | 2N1184B | 0 |
| 2N1183B | PG | 108 | 112 | 80 V | 40 V | 2 CV | 3 A | 85 C | 10 WC | 500 K | 20/60 | 400 MA | AHG | RCB | ALl36 | 2N1184 | O |
| 2N1184 | PG | 108 | 112 | 45 V | 20 V | 20 V | 3 A | 100 C | 7 WC | 500 K | 40/120 | 400 MA | AHG | RCB ${ }^{\text {R }}$ | AD136 | 2N1184B | O |
| 2N1184A | PG | 108 | 112 | 60 V | 30 v | 20 V | 3 A | 100C | 7 WC | 500 K | 40/120 | 400 MA | AHG | RCB | AD1 36 | 2N11848 | ${ }^{0}$ |
| 2N11848 | PG | 108 | 112 | 80 V | 40 v | 20 V | 3A | 100 C | 7 WC | 500K | 40/120 | 400MA | AHG | RCB | AD136 | 2N1184B | 0 |
| 2N1185 | PG | 105 | 104 | 45 V | 30 V | 30 V | 500ma | 100 C | 200 MWF | 1400 K 25 P | 130 MN | 10 MA | AMG | M OB | ACY17 | 2N1188 | 0 |
| 2N1186 | PG | 105 | LC4 | 60 V | 45 v | 30 V | 500 ma | 100 C | 200 MWF | 600K 25P | 33 MN | 1 CMA | AMG | MOB | ACY17 | 2N1188 | 0 |
| 2N1187 | PG | 105 | L04 | 60 V | 45 v | 30 V | 500 ma | 100 C | 200 MWF | 800K 25 P | 45 MN | 10 MA | AMG | M08 | ACY17 | 2N1188 | 0 |
| 2N1188 2N1189 | PG | 105 | 104 | 60 V | 45 v | 30 V | 500MA | 1006 | 200 MWF | 1N 25 P | 80 MN $60 / 115$ | 10 MA | AMG | MOB | ACY17 ACY17 | 2N1188 2N1188 | 0 |


| TRANSISTOR NUMBER | $\begin{aligned} & \text { PM } \\ & \text { OA } \\ & \text { LT } \end{aligned}$ | $\begin{aligned} & \text { PACK- } \\ & \text { AGE } \end{aligned}$ | $\begin{array}{\|l\|} \text { LEAD } \\ \text { INFO } \end{array}$ | VCB MAX | $\begin{aligned} & \text { VCE } \\ & \text { MAX } \end{aligned}$ | VEB <br> MAX | C MAX | $\underset{\text { MAX }}{\mathbf{T}}$ | тот | $\begin{array}{\|ll} F & C_{0} \\ \text { MIN } & \text { MAX } \end{array}$ | $H_{F E}$ | $\begin{gathered} { }^{H} \\ \text { BIAS } \end{gathered}$ | USE | MFR | $\begin{aligned} & \text { EURO } \\ & \text { EQVT. } \end{aligned}$ | USA EQVT. | ISS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2N119C | PG | 105 | LC4 | 45 V | 30 V | 15 V | 500MA | 100C | 20 CM | 2N 25F | 100 MN | 10 Na | ANG | MOE | ACY17 | 2N1188 | 0 |
| 2Nil91 | PG | 105 | L04 | 40 V | 25 V | 25 V | 200NA | 100 C | 200 M | 600k 40 P | $20 / 80$ | 10 MA | AMG | OB | AC | 8 | 0 |
| 2N1192 | PG | 105 | L04 | 40 V | 25V | 25 V | 200 M | 100C | 200 | 1 M 40 P | 40/135 | 1 CMA | AMG | 0 B | ACY17 | 2N1188 | 0 |
| 2N1193 | PG | 105 | 104 | 40 V | 5 V | $25 v$ | 200 M | 100C | 200 Mw | 1 M 40 P | 70/300 | 1 CMA | AMG | 40 B | ACY17 | 2N1188 | 0 |
| 2N1194 | PG | 105 | 104 | 40 V | 25 V | 25 V | 200MA | 100C | 200MWF | 200K 40P | 125 M | 10 MA | AMG | e | 17 | 8 | 0 |
| 2N1195 | PG | 105 | L04 | 3 CV | OV | Iv | 50 Ma | 1000 | 30 cmh | 275M 4P | 5018 | 10 MA | VLA | OBS | AF106 |  | 0 |
| 2N1196 | PS | T0\% | L04 | 70 V | 70 v | 4 V | 15 MA | 200 C | 350 MWF | 40N 4P | 5/30 | 2 M | ALH | OBS | BC177 | 2N3965 | 0 |
| 2N1157 | PS | 105 | LC4 | 70 V |  | 4 V | 15 MA | 200 C | 350 | 45M 5P | 5/30 | 2 MA | RLG | OBS | BC177 | 2N3965 | 0 |
| 2N1198 | ng | 105 | 104 | 25 V | 5 V | OV5 | 75MA | 85 C | 75 NWF | 2M | $20 / 200$ | 8MA | RLG | OBS | ASY29 | 304 | 0 |
| 2N1199 | NS | 085 | 85 | OV | v | $3 v$ | 100 MA | 150 C | 150 | 75M 2P5 | 12160 | 20MA | VLA | OBS | BF X 73 | 2N918 | 0 |
| 2N1199A | NS | OBS | OBS | 20 V | 15 V | $3 v$ | 100 MA | 150 C | 15 C | 75M 2P5 | 12160 | 2 CMA | A | OBS | BF×73 | 918 | 0 |
| 2N1200 | NS | OBS | OBS | 20 V | 14V | 1 v | 50 MA | 150C | 10 CM | 25M 3P5 | 7/200 | 2MA | VLA | OBS | BFX 73 | 918 | 0 |
| 2N1201 | As | OBS | OBS | 20 V | 14 V | 1 V | Soma | 150 C | 100M | 30M 3P5 | 7/200 | 2 MA | VLA | OBS | 日F $\times 73$ | N918 | 0 |
| 2N1202 | PG | OBS | OBS | 80 V | 60 V | 28 V | 3500 mA | 956 | 34WC | 200k | 40/120 | 500 MA | АНн | 085 | ASL15 | 1533 | 0 |
| 2N1203 | PG | OES | OES | 120 V | 70 v | 28 V | 3500 MA | 956 | 34 | 200k | 25/75 | 2 A | AHH | OBS | AS215 | 2N1533 | 0 |
| 2N12C4 | PG | ros | 104 | 20 V | 12 V | $4 v$ | 500 Ma | 100 C | 300 | 1100 M 6P5 | 15 M | 4 CCNA | MS | M 08 |  |  | 0 |
| 2N1204A | PG | 105 | 104 | 20 V | 12 V | 4 V | 500 ma | 100C | 300 | 100M 695 | 25 MN | 200MA | UNS | MOB |  |  | 0 |
| 2N1205 | NS | 105 | L04 | 20 V | 20V | $1 v$ | loona | 2000 | 150 MmF | 17N 10P | 10 MN | 1 MA | RLA | OBS | BSW54 | 2N22 | 0 |
| 2N1206 | ns | 105 | 104 | 60 V | 60 V | 3 V | 100 mA | 2000 | 3 WC | ION 10 P | 20/80 | 5 MA | RMG | 085 | BSw54 | 2N2219A | 0 |
| 2N1207 | NS | 105 | 104 | 125 V | 125 V | 3 V | 100 MA | 200C | 3 kC | 10\% 10 P | 20/80 | 5 MA | MG | OBS | BSW54 | 2N2219A | 0 |
| 2N1208 | NS | CBS | OPS | 60 V | 60 v | 10 v | 5 A | 200C | WC | 3 M | 15 MN | 2 A | AHG | SEU | Bur38 | 054 | 0 |
| 2N1208/1 | NS | OBS | OBS | 60 V | V | 10 V | 5 A | 200 C | 45wC | 200k | 15 | 2 A | AHG | 085 | BUY5 | 54 | 0 |
| 2N1209 | NS | Oes | oes | 45 V | 45 V | 5 V | 5 A | 200 C | 45 WC | 3 M | 20180 | 2 A | AHG | SES | BUY 38 | N3054 | 0 |
| 2N1209/1 | NS | obs | OBS | 45 V | 45 v | 5 V | 5 A | 200C | WC | 200k | $20 / 80$ | 2 A | AHG | OBS | BUY38 | 2N3054 | 0 |
| 2N1210 | ns | CBS | 08S | 60 V | 60 V | 8 V | 5 A | 1756 | 30 WC | 3 M | 15/75 | 2 A | AHE | oes | BuY 38 | 2N3054 | 0 |
| 2N1210/1 | ns | CBS | 0ES | 60 V | 60 v | 8 V | 5 A | 1756 | ${ }^{3} \mathrm{ChC}$ | 200k | 5/75 | 2 A | AHG | CBS | Bur38 | N 3054 | 0 |
| 2N1211 | As | 035 | 085 | 80 V | OV | $8{ }^{8}$ | 5 A | 1750 | 30wC | 3 M | 15/75 | 2 A | AHG | OBS | 8UY38 | 2N3054 | 0 |
| 201211/1 | NS | oes | 085 | 8 CV | 70 V | 8 V | 54 | 175C | 3 CnC | 200k | 15/75 | 2 A | AHG | OBS | BUY 38 | 2N3054 | 0 |
| 2N1212 | NS | cas | JES | 60 V | v | 10 V | 5 A | 2006 | 45 hCl | 3 H | 12/36 | 14 | AHG | OBS | BUY 38 | 2N3054 | 0 |
| 2N1212/1 | AS | c8's | 08S | 60 V | v | 10 V |  | 2006 | 45 WC 1 | 00k | $12 / 36$ | 14 | AHG | OBS | BUY38 | 2N3054 | 0 |
| 2N1217 | NG | 1022 | 137 | 20 V | v | 5 v | 5MA | 85 C | 75 MmF | 4\% 5F | 40/100 | 5001 A | RNS | CBS | AS Y 29 | 304 | 0 |
| 2N1218 | $\wedge \mathrm{A}$ | 103 | L05 | 45 V | 30 V | 15 V | 3 A | 906 | 20wC | 70k | 30/120 | 1 A | AHS | OBS | A0161 | 077 | 0 |
| 2N1219 | PS | 105 | LC4 | 30 V | V | 20 V | 100MA | $175 C$ | 25 CNWF | $4 \mathrm{M} \mathrm{15P}$ | 18 MN | 5 MA | ALE | Oes | BFS95 | 2N4036 | 0 |
| 2N1220 | PS | 105 | L04 | 30 V | 25 V | 20 v | 100 mA | 1756 | 250 MWF | 2M 18P | 9mN | 5 MA | ALG | OBS | BF S9 5 | 2N4036 | 0 |
| 2N1221 | PS | 105 | LC4 | 30 V | 25 v | 20 V | 100 Ma | 1756 | 250MEF | 4M 15P | 18 MN | 5 MA | ALG | OBS | BFS95 | 2N4036 | 0 |
| 2N1222 | PS | ios | LC4 | 3 cv | 25 V | 20 V | 100 ma | 1750 | 25 cmp | 2N 18 P | 9 N | NA | ALG | OBS | 595 | t | 0 |
| 2N1223 | PS | 105 | 104 | 30 V | 25 V | 20 V | 1 COMA | 175 C | 250 MmF | 500k 13P | 6 mN | 1 MA | alg | 03 | S 35 | 36 | 0 |
| 2N1224 | PG | 1012 | L09 | 40 V |  | OV5 | 1 CMA | $85 C$ | 120 MWF | 12 M 4P | 20160 | 1 MA | KL | RCU | AF124 | 9 | 0 |
| 2N1225 | PG | 1012 | LCS | 40 V |  | OV5 | 10 MA | 85 C | 120 MWF | 40M 4P | 20/175 | 1 MA | RLA | RCU | AF124 | 2N990 | 0 |
| 2N1226 | PG | 1012 | LC9 | 60 V |  | 0vs | 1 CNA | 856 | 120 MmF | 12N 4P | 20/175 | 1 MA | RLA | RCU | AF 124 | 2N990 | 0 |
| 2N1227 | PG | 103 | LCS | 35 v | 30 V | 15 V | 3 A | 95 C | 40 WC | 100k | 50/350 | 50 CmA | AHG | OBS | 16 | t |  |
| 2N122 | PS | T05 | L04 | 15 V | $15 v$ | $15 v$ | 100 ma | 200 C | 40 MMWF | 500K180p | 14/32 | 1 MA | AL | OBS | BCY32 | 5 | 0 |
| 2N1229 | PS | 105 | L04 | 15 V | v | 15 v | 100 mA | 200C | 400 MWF | 500×1809 | 28/65 | 1 ma | AL | OB | 8CY32 | 475 | 0 |
| -N1230 | PS | 105 | 04 | 35 V | 5 V | 35v | 1 joma | 200 C | 400 MWF | 500 K 18 JP | 14/32 | 1 MA | ALA | OBS | BCY32 | N1475 | 0 |
| 2N1231 | PS | 105 | L04 | 35 V | 35 V | 35 V | 100 ma | 2006 | 400 MnF | 500k180p | 28/65 | 1 MA | ALA | CBS | BCY32 | 2N1475 | - |
| 2N1232 | PS | 105 | 104 | 60 V | 60 v | 60 v | locma | 200 C | 40 CNWF | 400k180P | 14/32 | 1 NA | AlA | OBS | 8CY 32 | 5 |  |
| 2N1233 | PS | 105 | L04 | 60 V | 60 v | 60 V | 100 MA | 2006 | 400 MhF | 500k 180p | 28/65 | 1 MA | AL | OB | 8 CY 32 | 5 | 0 |
| 2N1234 | PS | 105 | LC4 | 110 V | 110 V | 99 V | 10 CmA | 200C | 400 MhF | 500K180P | 14/32 | 1 ma | AL | OB | BC Y 32 | 2N1475 | 0 |
| 2N1238 | PS | OBS | OBS | 15 V | 15 V | 15 V | 100MA | 1600 | IWF | 180 P | 14 MN | 10 MA | ALA | OBS | 8CY32 | 75 | 0 |
| 2A1239 | PS | ces | oes | 15 V | 15 V | 15 V | 100 ma | 160 C | 1 wf | 180 P | 24 MN | 10 MA | Ala | cas | BCY32 | 2N1475 | 0 |
| 2N1240 | PS | OBS | oes | 35 V | 35 v | 35 V | 100ma | 160 C | IWF | 180 P | 14 MN | ICNA | ala | OBS | BCY32 | 1415 |  |
| 2N1241 | PS | 0BS | Obs | 35 V | 35 V | 35 V | 100ma | 1600 | 1 WF | 180 P | 24 MN | M $A$ | Ala | OBS | BCY32 | N1475 | 0 |
| 2N1242 | PS | OBS | OBS | 60 V | ECV | 60 V | 100 ma | 1606 | 1 WF | 180 P | 14 MA | 10 MA | Ala | CBS | BCY32 | 1475 | 0 |
| 2N1243 | PS | OBS | OES | 60 V | 60 V | 60 V | 100 ma | $160 C$ | 1 WF | 180 P | 24 MN | 10 MA | Al $A$ | OBS | BCr32 | 2N1475 | 0 |
| 2N1244 | PS | OBS | OES | 110 V | 110 v | 99 V | 100 ma | 160C | 1wF | 180 P | 14 MN | 1 CMA | Al A | OBS | 8 Cr 32 | 2N1475 | 0 |
| 2N1247 | ns | 105 | LO4 | $\epsilon \mathrm{V}$ | 6 | 2 V | 5MA | 150 C | 30 MWF | 2N 24 P | 15 MN | UA | AlN | CBS | BC109 | 2N930 |  |
| 2N1248 | AS | 105 | L04 | 6 V | 6 V | 1 v | 5 Ma | $150 C$ | 30 NWF | 2 M 14 P | 15 MN | 20UA | ALN | OBS | BC109 | 2N930 | c |
| 2N1249 | NS | 105 | L04 | 6 V | 6 V | 2 V | SMA | 150C | 3 CNWF | 2 M 14 P | 20 MN | 30UA | ALN | OBS | BC109 | 2N930 | 0 |
| 2N1250 | NS | obs | OBS | 60 V | 60 v | 10 V | 5 A | 200C | 85 WC | IN | 15 MN | 2 A | AHG | OBS | BCY20 | 2N3055 | c |
| 2N1250/1 | As | OBS | OBS | 60 V | 60 v | 10 V | 5 A | 200C | 85 WC | 1 M | 15 MN | 2 A | AHG | OBS | B0Y20 | 2N3055 | 0 |
| 2N1252 | NS | 105 | 104 | 30 V | 20 V | 5 v | 500NA | 175C | 600 MmF | gon 45 F | 15/45 | 150 MA | ANS | SGI | BFY50 | 2N2297 | 0 |
| 2 N 1253 | NS | 105 | L04 | 30 V | 20 V | 5 V | 500 ma | 1756 | 600 MWF | 50N 45P | 30/90 | 150 MA | AMS | SGI | BFYSO | 2N2297 | 0 |
| 2N1257 | PS | 105 | L04 | 40 V | 40 V | 5 V |  | 175C | 40 CMFF | 35 M 10 P | 40 mN | 1 CMA | AMG | OBS | BFX29 | 2N2905 | 0 |
| 2N1261 | PG | oes | 08S | 80 V | 45 v | 28 V | 3500 ma | 95 C | 34 WC | 100k | 20/50 | 2 A | AHG | Sor | ASZ16 | 2N1536 | 0 |
| 2N1262 | PG | CBS | OBS | 80 V | 45 V | 28 V | 3500 ma | 95 C | 34 WC | 100k | $30 / 75$ | 2 A | AHG | SCT | AS216 | 2N1536 | 0 |
| 2N1263 | PG | Obs | obs | 8 CV | 45 V | 28 V | 3500 ma | 950 | 34 WC | 100k | 45/113 | 24 | AHG | SOT | ASZ 16 | 2N1536 | 0 |
| 2N1266 | PG | 105 | 104 | 20 V | 10 V | 10 V | 150 mA | 85 C | 80 MWF | 300k | 22 MN | 1 MA | ALG | OBS | ACY17 | 2N1188 | 0 |
| 2N1273 | PG | 105 | $1 \mathrm{LCH}_{4}$ | 15 V | 15 V | 10 V | 150MA | 85 C | 25 CNWF | 300к | 27/165 | 5 CmA | AMG | OBS | ${ }_{\text {ACY1 }} 7$ | 2N1188 | 0 |
| 2N1274 | PG | 105 | 104 | 25 V | 25 V | 10 V | 150 mA | 85 C | 250 MmF | 30uk | 27/165 | 50 ma | Ang | MOB | ACY17 | 2N1188 | 0 |
| 2N1300 | PG | 105 | 104 | 13 V | 12 V | 1 v | l0cma | $85 C$ | 150 MmF | 20M | 30 MN | loma | RLG | RCU | AF124 | 2N990 | 0 |
| 2N1301 | PG | 105 | 1.04 | 13 V | 12 V | 4 V | 100 ma | $85 C$ | 150 MhF | 30 N | 30 MN | 1 CMA | RLG | RCU | AF124 | 2N990 |  |
| 2N1302 | NG | 105 | 104 | 25v | 25 V | 25 V | 300 Ma | 85 C | 150 MmF | 1 N 20 P | $20 / 80$ | 1 OMA | RMS | RCU | ASY29 | 2N1304 | 0 |
| 2 N 13 C 3 | PG | 105 | 104 | 30 V | 25 V | 25 V | 300ma | 85 C | 150 MwF | 1 M 20 P | 20/80 | 1 Cma | RMS | RCU | ASY27 | 2N1 305 | 0 |
| 2N1304 | ${ }^{\text {AGG }}$ | 105 | L04 | 25 V | 20 V | $25 v$ | 300mA | 85 C | 150 MWF | 4 M 20 P | 40/200 | 10MA | RHS | RCU | ASY29 | 2N1304 | 0 |
| 2N1305 | PG | 105 | 104 | 30 V | 20 V | 25 v | 300MA | 85 C | 150 MWF | 4M 20P | 40/200 | Ioma | RMS | SES | ASY27 | 2N1305 | 0 |
| 2N1306 | NG | 105 | L04 | 25 V | 15 v | $25 v$ | 300MA | 85 C | 15 CNWF | 8M 20P | 60/300 | 10NA | RMS | RCU | ASY29 | 2N1304 |  |
| 2N1307 | PG | 105 | 104 | 30 V | 15 V | 25 V | 300ma | 85 C | 150 MWF | 8 M 20 P | 60/300 | 10 MA | RMS | SES | ASY27 | 2N1305 | 0 |
| 2N1308 | $\wedge G$ | 105 | 104 | 25 V | 15 V | $25 v$ | 300 ma | $85 C$ | 150 MWF | 12 M 2CP | 80MN | 10MA | RMS | RCU | ASY29 | 2N1304 | 0 |
| $2 N 1309$ $2 N 1333$ | PG | 105 $08 S$ | 104 | 30 V 000 | 15 V | 25v | 300MA | 85 C | 150 MWF 2 cWC | 12M 20P | 80 MN 40 MN | 10 ma 00 ma | RMS | SES | ASY27 | 2N1 105 2N1533 | - |


| TRANSISTOR NUMBER | $\left\|\begin{array}{c} \mathrm{PM} \\ \mathbf{O A} \\ \text { LT } \end{array}\right\|$ | PACK－ AGE | $\left\|\begin{array}{c} \text { LEAD } \\ \text { INFO } \end{array}\right\|$ | VCB MAX | $\begin{aligned} & \text { VCE } \\ & \text { MAX } \end{aligned}$ | $\begin{aligned} & \text { VEB } \\ & \text { MAX } \end{aligned}$ | ${ }^{\prime} \mathbf{C}$ MAX | $\underset{\text { MAX }}{\mathbf{T}}$ | TOT | $\begin{array}{ll} F & C_{0} \\ \text { MIN } & \text { MAX } \end{array}$ | $\mathbf{H E}_{\mathbf{F E}}$ | $\begin{gathered} \mathrm{H}_{\mathrm{FE}} \\ \text { BIAS } \end{gathered}$ | USE | MFR | $\begin{aligned} & \text { EURO } \\ & \text { EQVT. } \end{aligned}$ | $\begin{aligned} & \text { USA } \\ & \text { EQVT. } \end{aligned}$ | ISS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2＾1338 | NS | 105 | 04 | 8 CV | $v$ | 3 V | 300～A | 175C | 800 NWF | Ton 20 P | 10／150 | 30 MA | VMA | OBS | BSW54 | 2N2219A | 0 |
| 2N1340 | NS | 105 | 04 | 80 V | V | 3 V | 300ma | 175C | 800 m | 70M 20P | 10／150 | 30 MA | RMS | OBS | BSW54 | 2N2219A | 0 |
| 2N1342 | NS | 105 | L04 | 150 V | 65 V | 5 V | 300ma |  | 800 MkF | $70 \mathrm{M} \mathrm{16P}$ | 10／150 | 3 Mma | RMG | OBS | BSW 54 | 2N2219A | 0 |
| 2N1358 | PG | 1036 | 113 | 80 V |  | 60 V | 154 | 1100 | 15 CWC | 80 K | 25 MN | 5 A | AHH | MOB | ADZ12 | 2N1100 | 0 |
| 2N1358A | PG | 1036 | 113 | 80 V |  | 60 V | 15A | 1106 | 150WC | 80k | 25 M | 5 A | AHH | MOB | AC212 | 2N1100 | 0 |
| 2N1359 | PG | T03 | L05 | 50 V |  | 25 V | 10 A | 1100 | 106WC | 100k | $35 / 90$ | 14 | AHG | MOB | AS216 | 2N1536 | 0 |
| 2N1360 | PG | 103 | 5 | 50 V |  | 25 V | 104 | 110 C | 106WC | 100k | 60／140 | 1 A | AHG | M $0 B$ | AS216 | 2N1536 | 0 |
| 2N1362 | PG | 103 | 05 | 100 V |  | 50 V | 10 A | $110 C$ | 106WC | 100k | 35／90 | 1 A | AHH | MOB | AS215 | 2N1533 | 0 |
| 2N1363 | PG | 103 | L05 | 100V |  | 50 V | 10A | 1100 | 106 WC | 100k | 60／140 | 14 | AHH | MOB | ASZ15 | 2N1533 | 0 |
| 2N1364 | PG | 103 | L05 | 120 V |  | 60 V | 104 | 110C | 106WC | 100k | 35／90 | 14 | AHH | MOB | AS215 | 2N1533 | 0 |
| 2N1365 | PG | 103 | L05 | 120 V |  | 50 V | 10 A | 110 C | 106 WC | 100k | 60／140 | 1 A | AHH | MOA | ASL15 | 2N1533 | 0 |
| 2N1370 | PG | r0s | L04 | 25 V | 25 v | 10 V | 200Ma | $85 C$ | 250 MWF | 400k | 45／165 | 1 MA | AMG | T18 | ACYI7 | 2N1188 | 0 |
| 2N1371 | PG | 105 | L04 | 45 V | 45 V | 1 cv | 200MA | $85 C$ | 250 MW | 400k | 45／165 | 1 MA | AMG | T18 | ACY17 | 2N1188 | 0 |
| 2N1372 | PG | 105 | 104 | 25 V | $25 v$ | 15v | 200mA | $85 C$ | 25 CM | 400k | 27／105 | 1 MA | AMG | T1日 | ACY17 | 2N1188 | 0 |
| 2N1373 | PG | 105 | L04 | 45 V | 45 v | 25 V | 200～A | 85 C | 250 MWF | 400k | 27／105 | 1 MA | AMG | MOB ${ }^{\text {A }}$ | ACY17 | 2N1188 | 0 |
| 2N 1374 | PG | T05 | 104 | 25 V | 25 V | 15 V | 200MA | 856 | 250 MWF 4 | 400k | $45 / 165$ | 1 MA | AME | MOE | ACY17 | 2N1188 | 0 |
| 2N1375 | PG | 105 | 104 | 45 V | 45 V | 25 V | 200ma | 850 | 250 MmF | 400k | 45／165 | lMa | ANG | Moe | ACYI7 | 2N1188 | 0 |
| 2N1376 | PG | 105 | 104 | 25 V | 25 V | 15 V | 200MA | $85 C$ | 250 MWF | 400k | 67／165 | IMA | AMG | GIU | ACY17 | 2N1188 | 0 |
| 2N1377 | PG | 105 | L04 | 45 V | 45 v | $25 V$ | 200MA | $85 C$ | 250 M | 400k | 67／165 | IMA | AMG | T1P | ACY 17 | 2N1188 | 0 |
| 2N1378 | PG | 105 | －04 | 12 V | 12 V | $7 v$ | 200MA | 85 C | 25 CMWF | 400K | 85／330 | IMA | AMG | 11 B | ACY17 | 2N1188 | 0 |
| 2N1379 | PG | r05 | 104 | 25 v | 25v | 15 V | 200MA | 850 | 250 | 400k | 85／330 | IMA | AMG | T18 | ACY17 | 2N1188 | 0 |
| 2N1380 | PG | T05 | L04 | 12 V | 12 V | $7 v$ | 200MA | $85 C$ | 25 CMWF | 400k | 27／330 | INA | $A^{* G}$ | T1E | ACY17 | 2N1188 | 0 |
| 2N1381 | PG | 105 | L04 | 25 V | 25 V | $15 V$ | 200MA | 85 C | 250 NWF | 400 K | 27／330 | 1 MA | AMG | T18 | ACY17 | 2N1188 | 0 |
| 2N1395 | PG | 1012 | LCS | 40 V |  | ovs | 10MA | 100 C | 12 cmm | 12 M 4 P | 50／175 | 1MA | RLG | RCU | AF124 | 2N990 | 0 |
| 2N1396 | PG | T012 | L09 | 40 V |  | OV5 | loma | 100C | 120 MmF | 12 M | 50／175 | 1 MA | RLG | RCU | AF 124 | 90 | 0 |
| 2N1397 | PG | 1012 | LOS | 40 V |  | ovs | 10 MA | 100 C | 120 NWF | 12 M | $50 / 17$ | IMA | RLG | RCU | AF124 | 2N990 | 0 |
| 2N1404 | PG | 105 | 104 | 25 V | 20 V | 20 V | 300MA | 85C | 150 NWF | 2 M | 80 NN | 24 MA | R NS | OBS | ASY27 | 2N1305 | 0 |
| 2N1408 | PG | 105 | 103 | 50 V | 50 V | 10 V | 200 mA | 100C | 15 CMWF |  | 10 MN | 1 NA | ALH | MOB | ACY17 | 2N1188 | 0 |
| 2N1412 | PG | 1036 | L13 | 100 V | 60 V | 60 V | 154 | 100 C | 150 WC |  | 10 M | 15 A | AHH | M CB | AD212 | 2N1100 | 0 |
| 2N1412A | PG | 1036 | L12 | 100 V | 60 V | 60 V | 154 | 100C | 150 WC |  | 10 MN | 15A | AHH | MOB | ADZ 12 | 2N1100 | 0 |
| 2N1413 | PG | 105 | L03 | 35 V | 5 | 10 V | 500mA | 100C | 225 NWF | 600k 40P | $25 / 42$ | 20MA | AMG | MOB | ACY17 | 8 | 0 |
| 2 N | PG | 105 | LC3 | 35 V | 25 V | 10 V | 500mA | 100C | 225 MWF | 800 K 40 P | 34／65 | 20 MA | AMG | MOE | ACY17 | 2N1188 | 0 |
| 2N1415 | PG | 105 | 103 | 35 V | 25 V | 10 v | 500 ma | 100 C | 225 MWF | 900k 40 P | 53／90 | 20 MA | $A^{\prime}{ }^{\text {M }}$ | MOB | ACY17 | 2N1188 | 0 |
| 2N1420 | NS | T05 | LC4 | 60 V | 3 CV | 5 V | $1 \Delta$ | 175 C | 600 MWF | 50 M 35 P | 100 mN | 150 MA | AMG | MUB | BFYSO | 2N2297 | 0 |
| 2N1420A | NS | 105 | L04 | 60 V | 28 v | 7 V | 14 | 1756 | 800 mwF | 60M 25P | 100 MN | 150 MA | ANG | SGI | BFY50 | 2N2297 | 0 |
| ご | PG | 07 | 07 | 24 V |  | OV5 | 10Na | 85 C | 80 MWF | 15N 4P | $50 T \mathrm{P}$ | 1 MA | RLG | RCU | AF124 | 0 |  |
| 2 N | PG | T07 | LC7 | 24 V |  | ovs | 1 CNa | 850 | 80 MWF | 15M 4P | 130 TP | 1 MA | KLG | RCU | AF124 | 2N990 | 0 |
| 2 N | pS | 101 | 102 | 6 V | 6 V |  | 50 MA | $140 C$ | 100 MWF | 16M 14P | 12 NN | MA | RLA | OBS | BFX29 | 2N2905 | 0 |
| 2N1429 | PS | 105 | L04 | GV | 6 V |  | SCNA | 1406 | 100 MWF | 16 M 14P | 12 MN | 5 MA | RLA | OBS | $8 \mathrm{Br29}$ | 2N2905 | 0 |
| 2N1475 | PS | 105 | 104 | 60 V | 60 V | 60 V | 100MA | 1506 | 250 MWF | 1 N 15 P | 30 MN | 1 MA | ald | ELN | BCY3 2 | 2N1475 | 0 |
| 2N14 | PG | 105 | 104 | 30 V | V | 20 V | 500 MA | 100 C | 250MWF | 3 N 30 P | 40 Ma | 100 ma | ANG | OBS | ACY17 | 88 | 0 |
| 2 N 14 | As | 105 | 1 | 60 V | 40 V | 12 V | 1500 ma | 200 C | 5 WC | 1 M | $20 / 60$ | 20CMA | AME | RCU | BFY50 | 2N2297 | 0 |
| 2 N | As | 105 | C4 | 100 V | 55 V | 12 V | l500ma | 2006 | 5 WC | 1 M | 20160 | 200 MA | AMH | RCU | BSW66 | 2N1893 | 0 |
| 2 N | NS | 105 | 104 | tov | 40 V | 12 V | 1500 ma | 2006 | 5 hC | 1 M | $35 / 100$ | 200 MA | ANG | RCU | BFY ${ }^{\text {B }}$ | 2N2297 | 0 |
| 2 1 1482 | ns | ros | LC4 | 100 V | 55 V | 12 V | 1500MA | 200 C | 5 WC | 1 M | 35／100 | 200 MA | AMH | RCU | BSW66 | 2N1893 | 0 |
| 2N 1483 | NS | 105 | 104 | 60 | V | 12 V | 3 A | 200 C | 25 hc | 1 M | 20160 | 75 CMA | AHG | RCU | BSV64 | N4877 | 0 |
| 2N1484 | as | 105 | 104 | 1 cov | 55 V | 12 v | 3 A | 2006 | 25 WC | 1 M | 20160 | 750 MA | AHG | RCU | ESV64 | 2N4877 | 0 |
| 2N1485 | as | 105 | 104 | 60 V | 40 V | 12 V | 3 A | 200C | 25 WC | 1 M | $35 / 100$ | 750 MA | AHG | RCU | BSV64 | 2N4877 | 0 |
| 2N1486 | NS | 105 | LC4 | 100 V | 55 V | 12 V | 3 A | 2006 | 25 WC | in | 35／100 | 75 CMA | AHG | RCU | BSV64 | 2N4877 | 0 |
| 2N1487 | NS | 105 | L04 | 60 V | 40 V | 12V | $6 \Delta$ | 200 C | 70 wC | IN | 15／45 | 1500MA | AHG | RCU | B SV64 | 2N4877 | 0 |
| 2N1488 | NS | 105 | 104 | 100 V | 55 V | 12 V | 6 A | 2000 | 7 CWC | 1 M | $15 / 45$ | 1500 MA | AHE | RCU | BSV64 | $2 N 4877$ | 0 |
| 2N1489 | NS | 105 | 104 | 60 V | 40 V | 12 V | 6 A | 2000 | 70 CC | 1 N | 25／75 | 1500 MA | AHG | CU | BSV64 | 2N4877 | 0 |
| 2N1490 | NS | 105 | 104 | 100 V | 55 V | 12 V | 6 A | 200C | 70WC | 1 N | $25 / 75$ | 1500 MA | HG | RCU | BSV64 | 2N4877 | 0 |
| 2N1491 | NS | 1012 | LCS | 30 V | 30 v | 1 V | 100 Ma | 175 C | 500 MWF | 100 N 10 P | $15 / 200$ | 15 MA | RLG | RCU | BSW54 | 2N2219A | 0 |
| 2N1492 | NS | T012 | L09 | oov | Gov | 2 V | 100 ma | 1750 | 50 MmF | 120 M 10 P | 15／200 | 15 MA | RLG | RCU | RSW54 | 2N2219A | 0 |
| 2N1493 | $n s$ | 1012 | 109 | 100 V | 100V | $4 V 5$ | 100MA | 175 C | 500 MHF | 130M 10 P | 15／200 | 15MA | RLG | RCU | BSW54 | 2N2219A | 0 |
| 2N1494 | PG | ＋26 | L59 | 20 V |  | 4 V | 500ma | 100 C | 50 CMWF | 110N 7P | 15 MN | 400 MA | VMS | MOE |  | 2N2382 | 0 |
| 2114944 | PG | $\times 26$ | ᄂ59 | 20 V | 15 V | 4 V | 500 ma | 100C | 500 MWF | 110N 7P | 25 MN | 2 COMA | VMS | MOB |  | 2 N 2382 | 0 |
| 2N1495 | PG | T05 | 103 | 4 cV | 25 V | 4 V | 500 MA | 100C | 30 CNWF | 150 m | 25 MN | 20 cmA | VMS | MOR |  | 2N2382 2N2382 | 0 |
| 2N1496 | $\mathrm{P}_{\mathrm{G}}$ | $\times 26$ | 159 | 40 V | 25 V | 4 V | 500 ma | 1006 | 500 MWF | 150 M | 25 MN | 20 cma | VMS | MOB |  | 2N2382 | 0 |
| 2N1499 | PG | 105 | 104 | 20 V |  | 2 V | SOMA | 85 C | 25 NWF | 100N 3p | 20 MN | 10 MA | VLS | MOB |  |  | 0 |
| 2N1499A | PG | tos | LC3 | 20 V |  |  | 100 MA | 1000 | 6 CMWF | 100 N 3 P | 30 MN | 10 MA | VLS | MOR |  |  | 0 |
| 2N14998 | PG | 105 | L04 | 30 V | 20 V | 2 v | 100 NA | 100C | 75 MmF | $150 \mathrm{~N} \quad 3 \mathrm{P}$ | 40 MN | 10 MA | VLS | MOB |  |  | 0 |
| 2N1500 | PG | 1018 | LC1 | 15 V | 12 V | 2 V | 50 ma | 100 C | 60 MWF | 120M 3P | 20 MN | 1 CMA | VLS | MOB |  |  | 0 |
| 2N1501 | PG | OBS | 38S | 60 V | 40 V | 28 V | 3500MA | 95 C | WC | 200k | 25／100 | 2 A | AHG | OBS | AS216 | 2N1536 | 0 |
| 2N1502 | PG | CBS | OBS | 4 CV | 40 V | 28 V | 3500 Na | 95 C | 32 WC | 200k | 25／100 | 2 A | AHG | OBS | A SZ16 | 2N1536 | 0 |
| 2 N 1505 | NS | ics | LC4 | 50 V | 20 v | 4 V | 500 ma | 175 C | 80 CMWF | 70 M | 7／100 | 10 CmA | RMG | OBS | BSW54 | 2N2？19A |  |
| 2N1506 | NS | T0S | 104 | 60 V | 20 V | 3 V | 500 MA | 175 C | 800 MWF | 140 M | 10／100 | 1 COMA | ${ }^{\text {RMG }}$ | OBS | BSW 54 | 2N2219A | A |
| 2N1507 | ns | 105 | LC4 | 60 V | 30 V | 5 V | 1 A | 1756 | 600 MWF | 50M 35P | 100 mN | 150 MA | RMG | T18 | BSW54 | 2N2219A | A |
| 2＾1515 | PG | 107 | 107 | 20 V |  |  | 10 MA | 750 | MW | 35M 5P | 100TP | IMA | RLA | ORS | AF 124 | 2N990 | 0 |
| 2N1516 | PG | 107 | L07 | 25 V | 25 V |  | 10MA | 75 C | 83 MWF | $35 N 5 P$ | 20 MN | 1 MA | RLA | OBS | AF 124 | 2N990 | 0 |
| 2N1517 | PG | 107 | 107 | 20 V | 20 V |  | 10 MA | 75 C | 83 MWF | 35M 5P | 67 TP | 1 MA | RLA | OBS | AF 124 | 2N990 | 0 |
| 2N1524 | PG | T01 | L02 | 24 V |  | OV 5 | 10 MA | 85 C | 80 MWF | 12 M 4 P | 20 MN | 1 MA | RLG | RCU | AF 124 | 2 N 990 | 0 |
| 2N1525 | PG | 105 | 104 | 24V |  | OV5 | 10 MA | 85 C | 80 MmF | 15 N 4P | 15／40 | 1 MA | RLG | RCU | AF124 | 2N990 | 0 |
| －N2526 | PG | TO1 | L02 | 24 V |  | ovs | 10 MA | 856 | 80 MHF | 15N 4P | 15 MN | IMA | RLG | RCU | AF124 | 2N990 | 0 |
| 2N1527 | PG | T01 | L02 | 24 V |  | OVS | 10 Ma |  | 80 MWF | 15M 4 P | 1307 P | 1 MA | RLG | RCU | AF124 | 2N990 | 0 |
| 2N1529 | PG | 103 | LC5 | 40 V | 20 V | 20 V | 10A | 110C | 106WC |  | $20 / 40$ | 3 A | AHG | M 0 B | AS216 | 2N1536 | 0 |
| 2N1529A | PG | $\times 07$ | L05 | 40 V | 20 V | 20 V | 10 A | 110 C | 106WC |  | 20140 | 3 A | AHG | MOB | AS 216 | 2N1536 | 0 |
| 2N1530 2N1530A | PG | 103 | LC5 | 60 V | 30 V | 30 V | 10 A | 110 C | 106 WC 106 WC |  | 20140 $20 / 40$ | $3 \mathrm{3A}$ | AHG | MOX | AS216 | 2N1536 2N1536 | 0 |


| TRANSISTOR NUMBER | $\left\|\begin{array}{c} \text { PM } \\ \mathbf{O A} \\ \mathbf{L T} \end{array}\right\|$ | $\begin{aligned} & \text { PACK- } \\ & \text { AGE } \end{aligned}$ | $\begin{aligned} & \text { LEAD } \\ & \text { INFO } \end{aligned}$ | VCB MAX | $\begin{aligned} & \text { VCE } \\ & \text { MAX } \end{aligned}$ | VEB MAX | I C MAX | $\underset{\operatorname{MAX}}{\mathbf{T}}$ | TOT | $\begin{array}{ll} F_{\mathrm{T}} & C_{0 B} \\ \text { MIN } & \text { MAX } \end{array}$ | $H_{F E}$ | H FE BIAS | USE | MFR | EURO EQVT. | USA EQVT. | ISS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2N1531 | PG | 103 | L05 | 80 V | 40 V | 40 V | 10A | 110C | 106WC |  | 20/40 | 3 A | AHH | MOE | AS215 | 2N1533 | 0 |
| 2N1531A | PG | $\times 07$ | L05 | 80 V | 40 V | 40v | 10A | 1106 | 106 WC |  | $20 / 40$ | 3 A | AH | MOB | ASL15 | 2N1533 | 0 |
| 2N1532 | PG | 103 | L05 | 100 V | 50 V | 50 V | 10 A | 110 C | 106WC |  | $20 / 40$ | 3 A | AHH | MOB | AS215 | 2N1533 | 0 |
| 2N1532A | PG | $\times 07$ | 105 | 100 V | 50 V | 50 V | 10A | 110C | 106WC |  | $20 / 40$ | 3 A | AHH | MOB | ASL15 | 2N1535 | 0 |
| 2N1533 | PG | 103 | 105 | 120 V | 60 V | 60v | 10 A | 1100 | 106WC |  | 20140 | 3 A | AHH | MOB | AS 215 | 2N1533 | 0 |
| 2N1534 | PG | 103 | L05 | 4 CV | 20 V | 20 V | 1 CA | 110C | 106 WC |  | $35 / 70$ | 3 A | AHG | MOB | ASZ 16 | 2N1536 | 0 |
| 2N1534A | PG | $\times 07$ | L05 | 40 V | 20 V | 20 V | 10A | 110 C | 106 WC |  | 35170 | 3 A | AHG | MOB | ASZ16 | 2N1536 | 0 |
| 2N1535 | PG | 103 | 105 | 60 V | 30 V | 30 V | 10 A | 110C | 106WC |  | $35 / 70$ | 3 A | AHG | MOB | AS216 | 2N1536 | 0 |
| 2N1535A | PG | $\times 03$ | 105 | 60 V | 30 V | 30 V | 10 A | 110 C | 106WC |  | 35/70 | 3 A | AHG | M0B | ASZ16 | 2N1536 | 0 |
| 2N1536 | PG | 103 | L65 | 8 CV | 40 V | 40 V | 10A | 1100 | 106 kC |  | 35/70 | 3 A | AHH | MOB | ASZ 15 | 2N1533 | 0 |
| 2N1536A | PG | XC3 | LC5 | 80 V | 40 V | 40 V | 10 A | 110C | 106 WC |  | $35 / 70$ | 3 A | AHH | MOB | ASZ15 | 2N1533 | - |
| 2N1537 | PG | 103 | L05 | 100 V | 50 V | 50 V | 10 A | 1100 | 106 WC |  | 35170 | 3 A | АНн | MOB | ASZ115 | 2N1533 | 0 |
| 2N1537A | PG | $\times 07$ | L05 | 100 V | 50 V | 50 V | 10 A | 110 C | 106 WC |  | 35/70 | 3 A | AHH | MOB | AS215 | 2N1533 | 0 |
| 2N1538 | PG | 103 | L05 | 120 V | 60 V | 60 V | 10 A | 1100 | 106 WC |  | $35 / 70$ | 3 A | AHH | M08 | AS215 | 2N1533 | 0 |
| 2N1539 | PG | 103 | LC5 | 4 CV | 20 V | 20 V | 1 CA | 110 C | 106 WC | 100k | 50/100 | 3 A | AHG | MOB | ASZ 16 | 2N1536 | 0 |
| 2N1539A | PG | $\times 07$ | L05 | 40 V | 20 V | 20 V | 10 A | 110C | 106WC | 100k | $50 / 100$ | 3 A | AHG | MCB | AS216 | 2N1536 | 0 |
| 2N1540 | PG | 103 | 105 | 60 V | 30 V | 30 V | 10 A | 110C | 106WC | 100k | 50/100 | 3 A | AHG | MOB | AS 216 | 2N1 536 | 0 |
| 2N1540A | PG | $\times 07$ | L05 | 60 V | 30 V | 30 V | 10A | 1100 | 106 WC | 100k | $50 / 100$ | 3 A | AHG | MOB | AS2 16 | 2N1536 | 0 |
| 2N1541 | PG | 103 | L05 | 80 V | 40 V | 40 V | 10 A | 1100 | 106 WC | 100k | 50/100 | 3 A | AHG | MOB | AS216 | 2N1536 | 0 |
| 2N15414 | PG | $\times 07$ | LC5 | 80 V | 40 V | 40 V | 10 A | 110C | 106 WC | 100k | 50/100 | 3 A | AHG | MOB | ASZ16 | 2N1536 | 0 |
| 2N1542 | PG | 103 | 105 | 100 V | 50 V | 50 V | 10 A | 1100 | 106 WC | 100k | 50/100 | 3 A | AHH | MOB | AS215 | 2N1533 | 0 |
| 2N1542A | PG | $\times 07$ | 105 | 100 V | 50 V | 50 V | 1 CA | 1100 | 106wC | 100K | $50 / 100$ | 3 A | AHH | MOB | ASZ15 | 2N1533 | 0 |
| 2N1543 | PG | TC3 | LO5 | 12 CV | 60 V | 60 V | 10A | 110 C | 106 WC | 100k | 50/100 | 3A | AHH | MOB | ASL15 | 2N1533 | 0 |
| 2N1544 | PG | 103 | 105 | 40 V | 20 V | 20 V | 10A | 110 C | 106 WC | 100k | 75/150 | 3 A | AHG | MOB | ASZ16 | 2N1536 | 0 |
| 2N1544A | PG | $\times 07$ | LCS | 40 V | 20 V | 20 V | 104 | 110C | 106WC | 100k | 75/150 | 3 A | AHG | MOB | ASZ1 6 | 2N1536 | 0 |
| 2N1545 | PG | 103 | 105 | 60 V | 30 V | 30 V | 10 A | 1100 | 106 hc | 100k | $75 / 150$ | 3A | AHG | MOB | AS 216 | 2N153t | 0 |
| 2N15454 | PG | $\times 07$ | 105 | 60 V | 30 V | 30 V | 10 A | 110C | 106 WC | 100k | 75/150 | 3 A | AHG | MOB | ASZ16 | 2N1536 | 0 |
| 2N1546 | PG | 103 | 105 | 80 V | 40 V | 40 V | 10 A | 110C | 106 WC | 100k | 75/150 | 3 A | AHG | NOB | ASZ 16 | 2N1536 | 0 |
| 2N1546A | PG | $\times 07$ | 105 | 80 V | 40 V | 40 V | 10A | 110 C | 106 WC | 100K | 75/150 | 3 A | AHG | MOB | ASZ16 | 2N1533 | 0 |
| 2N1547 | PG | 103 | LC5 | 1 Cov | 50 V | 50 V | 10 A | 110C | 106WC | 100K | 75/150 | 34 | AHH | MCB | ASZ15 | 2N1533 | 0 |
| 2N1547A | PG | $\times 07$ | L05 | 10 CV | 50 V | 50 V | 10 A | 110 C | 106 WC | 100k | 75/150 | 3A | AHH | NOB | ASZ15 | 2N1533 | 0 |
| 2N1548 | $P G$ | 103 | L05 | 120 V | 60 V | 60 V | 10 A | 110 C | 106 WC | 100k | 75/150 | 3 A | AHH | MOB | ASZ15 | 2N1533 | 0 |
| 2N1549 | PG | 103 | LC5 | 4 CV | 20 V | 20 V | 204 | 110 C | 106 WC |  | 10/30 | 10 A | AHG | MOB |  | 2N1166 | 0 |
| 2N1549A | PG | 103 | 105 | 40 V | 20 V | 20 V | 204 | 110 C | 106WC |  | 10/30 | 10 A | AHG | MOB |  | 2N1166 | 0 |
| 2N1550 | PG | 103 | L05 | 60 V | 30 V | 30 V | 208 | 1106 | 106WC |  | 10/30 | 10 A | AHG | MOB |  | 2N1166 | 0 |
| 2N1550A | PG | 103 | 105 | 6 CV | 30 V | 3 cV | 204 | 110C | 106 hC |  | 10/30 | $1 C A$ | AHG | not |  | 2N116e | 0 |
| 2N1551 | PG | 103 | 105 | 80 V | 40 V | 40 V | 204 | 110 C | 106 WC |  | 10/30 | 10A | AHG | MOB |  | 2N1166 | 0 |
| 2N1551A | PG | 103 | LC4 | 80 V | 40 V | 4 cv | 20 A | 1100 | 106WC |  | 10/30 | 10 A | AHG | MOB |  | 2N1 166 | 0 |
| 2N1552 | PG | 103 | L05 | 100 V | 50 V | 50 V | 204 | 1100 | 106WC |  | 10/30 | 104 | AHH | MOB |  | 2N1166 | 0 |
| 2N1552A | PG | 103 | LC5 | 100 V | 50 V | 50 V | 204 | 110 C | 106nc |  | 10/30 | 1 CA | AHH | MOE |  | 2N116t | 0 |
| 2N1553 | PG | 103 | LO5 | 4 cv | 20 V | 20 V | 2 CA | 110C | 106WC |  | $30 / 60$ | 10A | AHE | NOB |  | 2N1166 | 0 |
| 2N1553A | PG | 103 | 105 | 40 V | 20 V | 20 V | 204 | 110C | 106 WC |  | 30/60 | 10 A | AHG | MOB |  | 2N1166 | 0 |
| 2N1554 | PG | 103 | 105 | 60 V | 30 V | 30 V | 204 | 1100 | 106 WC |  | 30/60 | 10A | AHG | M CB |  | 2N1166 | 0 |
| 2N1554A | PG | 103 | L05 | 60 V | 30 V | 30 V | 204 | 1100 | 106WC. |  | $30 / 60$ | 10 A | AHG | MOB |  | 2N1166 | 0 |
| 2N1555 | PG | 103 | 105 | 8 CV | 40 V | 40 V | 204 | 1100 | 106 WC |  | 30/60 | 10A | AHG | MOE |  | 2N1166 | 0 |
| 211555A | PG | 103 | LC5 | gov | 40 v | 40 V | 20 A | 110C | 106WC |  | $30 / 60$ | 10 A | AHG | MOA |  | 2N1 166 | 0 |
| 2N1556 | PG | 103 | LC5 | 100 V | 50 V | 5 CV | 20A | 110 C | 106WC |  | $30 / 60$ | 10 A | Aht | Mов |  | 2N1166 | 0 |
| 2N1556A | PG | 103 | 105 | 100 V | 50 V | 50 V | 20 A | 110 C | 106WC |  | 30/60 | 104 | AHH | MOB |  | 2N1166 | 0 |
| 2N1557 | PG | 103 | 105 | 4 cV | 20 V | 20 V | 20A | 110C | 106 WC |  | 50/100 | 10 A | AHG | MOB |  | 2N1166 |  |
| 2N1557A | PG | 103 | L05 | 4 cV | 20 v | 20 V | 204 | 110C | $1 \mathrm{C6WC}$ |  | 50/100 | 10 A | AHE | MOB |  | 2N1166 | 0 |
| 2N1558 | PG | 103 | L05 | 60 V | 30 V | 30 V | 20 A | 1100 | 106 WC |  | $50 / 100$ | 10 A | AHG | MOB |  | 2N1166 | 0 |
| 2N1558A | PG | 103 | LC5 | 60 V | 30 V | 30 V | 204 | 110 C | 106WC |  | $50 / 100$ | 104 | AHG | MOB |  | 2N1166 | 0 |
| 2N1559 | PG | 103 | 105 | 8 CV | 40 V | 40 V | 20 A | 110 C | 106WC |  | $50 / 100$ | 104 | AHG | MOB |  | 2N1166 | 0 |
| 2N1559A | PG | 103 | L05 | 80 V | 40 V | 40 V | 20 A | 110 C | 106 WC |  | 50/100 | 10A | AHG | MOB |  | 2N1166 | 0 |
| 2N1560 | PG | 103 | L05 | 100 V | 50 v | 50 V | 204 | 110 C | 106WC |  | 50/100 | 10 A | AHH | MOB |  | 2N1 166 | 0 |
| 2N1560A | PG | 103 | 105 | 100 V | 50 V | 50 V | 20 A | 1106 | 10thc |  | 50/100 | 104 | AHH | MOB |  | 2N1166 | 0 |
| 2N1561 | $P \mathrm{PG}$ | 10107 | 104 | 25 V | 25 V | 3 V | 500 MA | 1006 | 250 NWF | 250 N 10 P | 5 MN | 200MA | VMP | MOB |  |  | 0 |
| 2N1562 | PG | 10107 | L04 | 25 V | 25 V | 2 V | 500ma | 100C | 25 CNWF | 225 N 10 P | 5 MN | 200 mA | VMP | MOB |  | 2N1561 | 0 |
| 2N1564 | NS | T05 | L04 | 80 V | 60 v | 5 V | 100mA | 175C | 600 MWF | 60 M 10P | 15/50 | 5 MA | RLH | OBS | B SW54 | 2N2219A | 0 |
| 2N1565 | NS | T039 | LC4 | 80 V | 60 V | 5 V | 100MA | 175 C | 600 MWF | 60 M LCP | 30 MN | 5MA | RLH | SES | BSW54 | 2N2219A | 0 |
| 2N1566 | NS | 1039 | L04 | 8 CV | 60 v | 5 V | 100 ma | 1756 | 600 mhF | 60N 1 CP | 60/200 | 5 MA | RLH | SES | BSW54 | 2N2219A | 0 |
| 2N1566A | NS | 1039 | 404 | 80 V | 60 V | 8 V | 100 ma | 175 C | 600 MWF | 100 N 6 P | 60/200 | 5 MA | RLH | SES | BSW54 | 2N2219A | 0 |
| 2 L 1572 | ns | T05 | 104 | 125 V | 80 V | 5 V | 100 mA | 175 C | 600 NWF | $12 \mathrm{M} \mathrm{10P}$ | 15/50 | 5 MA | ALH | 118 | 8FY65 | 2N1990 | 0 |
| 2N1573 | NS | 105 | L04 | 125 V | 80 V | $5 V$ | 100 MA | 175 C | 600 MWF | 30 M 10 P | 30/100 | 5 MA | ALH | T1B | BFY65 | 2N1990 | 0 |
| 2N1574 | NS | 105 | 104 | 125 V | cov | 5 V | 100mA | 175C | 600 MWF | $30 \mathrm{M} \mathrm{10P}$ | 60/200 | 5 MA | ALH | T1B | BFY65 | 2N1990 | 0 |
| 2N1595-99 | Th |  |  |  |  |  |  |  |  |  |  |  | THY | Mge |  |  | 0 |
| 2N1600-04 | TH |  |  |  |  |  |  |  |  |  |  |  | THY |  |  |  | 0 |
| 2N16C5 | NG | 105 | LC4 | 25 V | 24 V | 12V | 100 MA | 100 C | 200MWF | 6M 24 P | 40/120 | 20 MA | RMS | RCU | ASY29 | 2N1304 | 0 |
| 2N1605A | NG | 105 | 104 | 40 V |  | 12 V | 100MA | 100C | 200 MWF | 2 M 24 P | 40 MN | 20 MA | RMS | RCU | ASY29 | 2N1304 | 0 |
| 2N1613 | NS | 105 | L04 | 75 V | 50 V | $7 V$ | 600MA | 175C | 800 MmF | 80~ 25 P | 40/120 | 150 mA | AMg | SGI | BFY50 | 2N2297 | 0 |
| 2N1616 | NS | 1061 | 146 | 60 V | 60 V | 8 V | 5 A | 175 C | 85 WC | 3 M | 15175 | 2 A | AHH | SES |  | 2N1618 | 0 |
| 2N1617 | NS | T061 | 146 | 80 V | 70 V | 8 V | 5 A | 175 C | 85 WC | 3M | 15/75 | 2 A | AHH | SES |  | 2N1618 | 0 |
| 2N1618 | ns | 1061 | 146 | 100 V | 80 V | 8 V | 5 A | $175 C$ | 85 WC | 3 M | 15/75 | 2 A | AHH | SES |  | 2N1618 | 0 |
| 2N1631 | PG | 105 | 104 | 34 V |  | Iv | 10 MA | 856 | 80 MHF | 20N 4 P | 80tp | 1 MA | RLG | RCU | AF124 | 2N990 | 0 |
| 2N1632 | PG | 105 | 104 | 34 V |  | $1 v$ | 10 MA | 85C | 80 MHF | 20N 4P | 80 TP | 1 MA | RLG | RCU | AF124 | 2N990 | 0 |
| 2N1633 | PG | 105 | L04 | 34 V |  | 1 v | 10 MA | 85 C | 80 MHF | 20M 4P | 75 TP | 1 MA | RLG | RCU | AF124 | 2N990 | 0 |
| 2N1634 | PG | 105 | 104 | $34 v$ |  | Iv | 10 MA | $85 C$ | 80 MWF | $20 \mathrm{M} \mathrm{4P}$ | 757 P | 1 MA | RLG | RCU | AF 124 | 2N990 | 0 |
| 2N1635 | PG | 105 | LC4 | 34V |  | iv | 10 MA | 856 | 80 MkF | 20M 4P | 75 TP | 1 MA | RLG | RCU | AF124 | 2N990 | 0 |
| 2N1636 | PG | T05 | L04 | 34V |  | Iv | 10 MA | 85 C | 80 MWF | 20M 4P | 75 TP | 1 MA | RLG | RCU | AF124 | 2N990 | 0 |
| 2N1637 | PG | 105 | LO4 | 34 V |  | 1 V 5 | 10MA | 85 C | 8 MmF | 20M 4P\| | 80TP | IMA | RLG | RCU | AF124 | 2N990 | 0 |


| TRANSISTOR NUMBER | $\begin{gathered} \text { PM } \\ \mathbf{0 A} \\ \mathbf{L T} \end{gathered}$ | $\begin{array}{\|r\|} \text { PACK- } \\ \text { AGE } \end{array}$ | $\left\|\begin{array}{l} \text { LEAD } \\ \text { INFO } \end{array}\right\|$ | VCB MAX | $\begin{aligned} & \text { VCE } \\ & \text { MAX } \end{aligned}$ | VEB MAX | $\stackrel{1}{\mathrm{I}}{ }_{\text {MXX }}$ | $\underset{\operatorname{MAX}}{\mathbf{T}_{\mathbf{J}}}$ | TOT | $\begin{array}{ll} F & C_{O B} \\ \text { MIN } & \text { MAX } \end{array}$ | $\mathbf{H E}_{\text {FE }}$ | $\begin{aligned} & \mathrm{H}_{\mathrm{FE}} \\ & \mathrm{BIAS} \end{aligned}$ | USE | MFR | $\begin{aligned} & \text { EURO } \\ & \text { EQVT. } \end{aligned}$ | USA EQVT. | ISS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2^1639 | PG | TIL | 102 | 34 V |  | 1 V | IONA | 85 C | תOMWF | 20M 4P | 75 TP |  |  |  |  |  |  |
| 2^1639 | PG | r0s | L04 | 34 V |  | Iv | 10 MA | 85 C | 80 MWF | 50M 4P | 75 TP | 1 MA | RLG | RCU | AF124 | 2N990 | 0 |
| 2N1651 | PG | $\times 07$ | 105 | 60 V | 30 V | 1 V | 25A | 110 C | 106 WC | 600k | 35/140 | 10 A | RHG | MCB |  | 2N22d7 | O |
| 2N1652 | PG | $\times 07$ | 105 | 100 V | 60 V | 1 V | 25 A | 1100 | 106WC | 600k | 35/140 | 10 A | RHH | MOB |  | 2N2287 |  |
| 2N1653 | PG | $\times 07$ | 105 | 120 V | 80 V | 1V5 | 25 A | 110C | 106WC | 600k | 35/140 | 10A | RHH | MOB |  | 2N2287 | 0 0 |
| 2N1667 | PG | 103 | L05 | 60 V | 32 V | 2 V | 10 A | 90 C | 30 WC | 100k | 35/80 | $6 A$ | AHG | OBS | AS216 | 2N1536 | 0 |
| 2N1668 | PG | 103 | L05 | 60 V | 32 V | 2 V | 104 | 90 C | 30 WC | 100k | 20/45 | 6 A | AHG | OBS | AS216 | $2 N 1536$ | 0 0 |
| 2N1669 | PG | 103 | L05 | 60 V | 32 v | 2 V | 10A | 900 | 30 WC | 1005 | $20 / 65$ | 6 A | AHG | OBS | AS216 | 2N1536 | 0 |
| 2N1671 | UJ |  |  |  |  |  |  |  |  |  |  |  | UJT | GEU |  |  | 0 |
| 2N16714 | LJ |  |  |  |  |  |  |  |  |  |  |  | UJT | GEU |  |  | 0 |
| 2N16718 | UJ |  |  |  |  |  |  |  |  |  |  |  | UJT | GEU |  |  | 0 |
| 2N1671C | LJ |  |  |  |  |  |  |  |  |  |  |  | UJT | GEU |  |  | 0 |
| 2N1686-85 | It |  |  |  |  |  |  |  |  |  |  |  | thy |  |  |  | 0 |
| 2N1692 | ${ }^{\mathrm{P} G}$ | 10102 | 104 | 25 V | 25 V | 3 V | 500 mA | 100 C | 35 CNWF | 250~ 10 P | 5 MN | 10 MA | vap | NOB |  | 2N1561 | 0 |
| 2N1693 | PG | 10102 | 104 | 25 V | 25 V | 2 V | 500 Na | 100 C | 350MWF | 225N 10P | 5 MN | 10 Na | vmp | MCE |  | 2N1561 | 0 |
| 2N1700 | NS | 105 | L04 | 60 V | 40 V | ov | 14 | 2000 | 5WC | 40M 20P | 20180 | 100MA | ang | RCU | bFY50 | 2N2297 | 0 |
| 2N1701 | NS | T08 | 112 | tov | 40 V | 6 V | 2500 Na | 200 C | 25 WC | 100k | 20180 | 300MA | AHG | RCU | L11486 | 2N1486 | 0 |
| 2N1702 | AS | 103 | L05 | 60 V | 60 V | 6 V | 54 | 2006 | 75 WC | 100k | 15/60 | 800 MA | AHG | RCU | BCY20 | 2N3055 | 0 |
| 2N1705 | PG | 105 | L04 | 18 V |  | 5 V | 400 Ma | 1000 | 200 NmFL | 1500K 40P | 70 NN | 1 CMA | AMG | NOB | ACY 17 | 2N1188 | 0 |
| 2N1706 | $P \mathrm{G}$ | 105 | $2 \mathrm{CH}_{4}$ | 25 V |  | 5 V | 400NA | 1006 | 20 CMWFL | 200k 40P | 60/120 | 20 MA | ANG | MOB | ACY17 | 2N1188 | 0 |
| 2N1707 | PG | 105 | LC4 | 30 V |  | 10 V | 400 MA | 1006 | 200NwFl | 200k 4 CP | $40 / 150$ | 10 MA | ANG | MOB | ACY 17 | 2N1188 | 0 |
| 2N1708 | NS | 1046 | L01 | 25 V | 20 V | 3 V | 200mA | 1756 | 30 MWF | 200N 6P | 40/120 | 10 MA | VLS | MOB | BS $\times 20$ | 2N2369 | 0 |
| 211708A | NS | 1046 | L01 | 25 V | 12 V | 3 v | 500 MA | 175 C | 300 MwF | 300N OP | 30/120 | 10 ma | RLS | RCL | BS $\times 20$ | 2N2309 | 0 |
| 2N1709 | NS | 108 | 12 | 60 V | 45 V | 4 V | 2 A | 175C | 15 WC | 150 M | $8 / 75$ | 350 mA | VHG | TRW |  | 2N2782 | - |
| 2N1710 | NS | 10.3 | L12 | 60 V | 45 v | 3 V | 2 A | 175 C | 15 WC | 120 M | $8 / 75$ | 350 ma | VHG | TRW |  | 2N2782 | 0 |
| 2N1711 | NS | 105 | L04 | 75 V | 50 V | $7 v$ | 600 mA | 1756 | 800MWF | 70* 25p | 100 mN | 150 ma | AMG | SGI | BFY50 | 2N2297 | 0 |
| 2N17114 | NS | 10105 | L24 | 75 v | 32 v | 7 V | 14 | 1750 | 100 MkF | 70 N 25P | 100 N | 150 MA | $\triangle{ }^{\text {NG }}$ | SGI | BFYSO | 2N2297 | 0 |
| 2N1714 | NS | 105 | L04 | 90 V | 60 V |  | 1 A | 2006 | 15 hC | 16M | $20 / 60$ | 200 MA | AMG | TIP |  |  | 0 |
| 2N1715 | NS | 105 | LC4 | 150V | 100 V |  | 14 | 200c | 15 WC | 159 | 20/60 | 2 CCMA | AMH | IB |  |  | 0 |
| 2N1716 | AS | 105 | 104 | 90 V | 60 v |  | 14 | 200c | 15 WC | 16 M | $40 / 120$ | 200 MA | AMH | İ8 |  |  | 0 |
| 2N1717 | NS | 105 | 104 | 150 V | 100 v |  | 14 | 200C | 15 hC | 16M | 40/120 | 2 Con A | AMH | tis |  |  | 0 |
| 2N1718 | NS | $\times 26$ | L5s | 90 V | 60 V |  | 1 A | 200C | 15 WC | 16 N | $20 / 60$ | 2CCMA | AMG | IIR |  |  | 0 |
| 2N1719 | NS | $\times 26$ | L59 | 150 V | 100 V |  | 14 | 200C | 15 WC | 13 M | 20/60 | 2 COMA | ANH | 118 |  |  | 0 |
| 2N1720 | NS | $\times 26$ | L59 | 90 V | 60 V |  | 1 A | 200C | 15 WC | 16 M | 40/120 | 200 MA | AMH | Tis |  |  | 0 |
| 2M1721 | NS | $\times 26$ | L59 | 150 V | 100 V |  | 14 | 200C | 15NC | 16.4 | $40 / 120$ | 200 Ma | AHG | tib |  |  | 0 |
| 2N1724 | NS | T0, 1 | 146 | 120 V | 80 V | 10 V | 54 | 200C | 117 hC | 10N550P | $20 / 90$ | 2 A | H | MCP |  | 2N1725 | 0 |
| 2N1724A | NS | T061 | 146 | 18 CV | 120 V | 10 V | 5 A | 2 COC | 117 WC | 10 M 550 P | $30 / 90$ | 2 A | RHH | SEU |  | 2N1725 | 0 |
| 2N1725 | NS | tot 1 | L46 | 120 V | 80 v | 10 V | 54 | 200C | 117WC | 10M550P | $50 / 150$ | 2 A | RHH | MOR |  | 2N1725 | 0 |
| 2N1742 | PG | 105 | L04 | 20 V |  | OV5 | 50 MA | 1250 | 60 MWF | 150N 2P | 10 MN | 2 MA | VLG | MOB | AF106 |  | 0 |
| 2N1751 | PG | 103 | L05 | 80 V | 60 v | 2 V 5 | 25 A | 1106 | 106 WC | 600k | 30/90 | 20 A | RHH | MOB |  | 2N2287 | 0 |
| 2N1754 | PG | 105 | 104 | 13 V | 13 V | 2 V | 100 mA | 85 C | 50 mFF | 30438 | 20Mn | 40 MA | RLS | nos | AFI 124 | 2N990 | 0 |
| 2N1755 | PG | OBS | OBS | 40 V | 30 V | 30 V | 34 | 950 | 28 WC | 150k | $30 / 75$ | $5 C 0 \mathrm{~mA}$ | AHC | URS | AD162 | 2N2835 | 0 |
| 2N1755 | PG | OBS | OBS | 40 V | 30 V | 30 V | 34 | 956 | 28 WC | 150K | 30175 | 500 MA | AHG | OBS | ASL16 | 2N1530 | 0 |
| 2N1756 | PG | oes | 085 | 60 V | 50 V | 30 V | 3 A | 950 | 28 nC | 150k | $30 / 75$ | 500 MA | AHG | CBS | ASZ16 | 2N1536 | 0 |
| 2N1751 | PG | oes | 085 | 80 V | 65 V | 30 V | 3 A | 95C | 28 nc | 150k | $30 / 75$ | 5 Cuma | AHG | OBS | AS216 | 2N1536 | 0 |
| 2N1758 | PG | ors | ObS | 100 V | 75 V | 30 V | 34 | 95 C | 28 hc | 150k | 35/75 | 5 COMA | AHG | OBS | ASL16 | 2N1536 | 0 |
| 2N1759 | PG | OBS | овS | 40 V | 35 V | 30 V | 3 A | 950 | 28 WC | 150k | 60/150 | 500 MA | AHC | OHS | AS216 | 2N1536 | 0 |
| 2N1760 | PG | OBS | obs | 60 V | 50 V | 30 V | 3 A | 95C | 29WC | 150k | $60 / 150$ | 500 MA | AHG | OBS | AS 216 | 2N1536 | 0 |
| 2N1761 | $P G$ | ors | OBS | 80 V | 65 V | 30 V | 3A | 956 | 28 WC | 150 K | 60/150 | 500MA | AHG | CPS | ASZ 16 | 2N1536 | 0 |
| 2N1762 | PG | oes | OBS | 100 V | 75 v | 30 V | 3 A | 95 C | 28 WC | 150k | 60/150 | 500 ma | AHG | OBS | ASL16 | 2N1536 | 0 |
| 2N177C-78 | TH |  |  |  |  |  |  |  |  |  |  |  | HY | SES |  |  | 0 |
| 2N1792-99 | It |  |  |  |  |  |  |  |  |  |  |  | THY | MCE |  |  | 0 |
| 2N1800-07 | $1+$ |  |  |  |  |  |  |  |  |  |  |  | THY | MOB |  |  | , |
| 2N1808 | NG | 105 | 104 | 25 V | 25 V | 20 V | 300MA | 85 C | 15CNWF | 6N 24 F | 60 MN | 20 MA | RMS | TIA | ASY29 | 2N1 304 | 0 |
| 2N1842-bC | IH |  |  |  |  |  |  |  |  |  |  |  | thy | SES |  |  | 0 |
| 2N1869-85 | 12 |  |  |  |  |  |  |  |  |  |  |  | THY |  |  |  | 0 |
| 2N1889 | NS | 105 | LC4 | 100 V | 60 V | $7 v$ | 50 CMA | 2006 | 80 CNHF | 70N 19 P | 40/120 | 150 MA | ANH | SGI | BSW66 | 2N4001 | 0 |
| 2N1890 | NS | 105 | 104 | 100 V | 60 v | 7. | 600 MA | 200C | 800 MWF | 60N 15P | 100 MN | 150 MA | AMH | ATI | BSW66 | 2N4001 | - |
| 2N1893 | NS | 105 | LC4 | 120 V | 80 V | 7 V | 500 MA | 200 C | 800 NWF | $50 \mathrm{M} \mathrm{L5P}$ | 40/120 | 150ma | AMH | Mub | BSW66 | 2N4001 | , |
| 2N1905 | PG | 103 | L05 | 60 V | 40 V | 1 v | 104 | 100C | 5 CWC | 50 K | $50 / 150$ | $1 \Delta$ | AHG | RCU | AS216 | 2N1536 | $\bigcirc$ |
| 2N1906 | $P G$ | 103 | 105 | 130 V | 60 V | 2 V | 10 A | 1000 | 30 WH | 2 M | 40 MN | 1 A | RHE | ATI | ALlu3 | 2N2147 | 0 |
| 2N1907 | PG | 103 | LC5 | 100 V | 40 V | 1 V 5 | 204 | 100C | 60 WC | 10 M | 30/170 | 1 CA | RHG | IIB |  |  | 0 |
| 2N1908 | PG | 103 | L05 | 130 V | 50 v | 1 V | 204 | 100 C | 60 WC | 10M | 30/170 | 10 A | RHG | tie |  |  | 0 |
| 2N1909-16 2N1924 | IH | 105 | 104 | 60 V | 40 V | 25 V | 500MA | 100C | 225 NWF | 800K 3 CP | 30MN | 100MA | THY | MOB | ACYI7 | 2N1188 | 0 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2N1925 | PG | 105 | 104 | 60 V | 40 V | 25v | 500~A | 100C | 225 MWF | in 30p | 47 MN | 1 coma | AMH | mat | ACYI7 | 2N1188 | 0 |
| 2N1926 | PG | 105 | 104 | 60 V | 40 V | $25 v$ | 500MA | 100 C | 225 NWF | 20.0K 30P | 65 MN | 100 mA | AMH | мон | $\triangle C Y 17$ | 2N1188 | 0 |
| 2N1929-35 | TH |  |  |  |  |  |  |  |  |  |  |  | THY |  |  |  | 0 |
| 2N1936 | NS | 1063 | 160 | 125 V | 60 V | 6 V | 20 A | 2006 | 20 CWC | 4 M IN 8 | 10/50 | 104 | AHG | SES | BDr20 | 2N3055 | - |
| 2N1937 | NS | 1063 | 160 | 125 V | 80 V | 6 V | 204 | 200C | 200 WC | 4 M 1N8 | $10 / 50$ | 10 A | AHH | SES | $80 Y 20$ | 2N3055 | 0 |
| 2N1959 | NS | T05 | L04 | 60 V |  | 5 V | 500MA | 175 C | 600 MwF | 100 N 18 P | 40/120 | 15 CmA | vms | Mat |  | 2N5859 | 0 |
| 2N1970 | PG | 1036 | L13 | 100 V | 50 V | 40 V | 15 A | $110{ }^{\text {c }}$ | 170 WC |  | 10 MN | 10A | AHG | MOB | Ac<12 | 2N1100 | 0 |
| 2N1972 | NS | 105 | 104 | 60V | 30 V | 5 V | 200MA | 175C | 800 MWF | 50 M 25 P | 110 MN | 50 MA | ang | FCU | BFY50 | 2N2297 | 0 |
| 2N1973 | NS | 105 | L04 | 60 V | 40 V | 5 V | 750 MA | 175C | 800 MWF | 60 N 15 P | 75 MN | 10 MA | AMG | SGI | BFY50 | 2N2297 | 0 |
| 2N1974 | NS | ros | L 04 | 100 V | 60 V | 7 V | 250 MA | 1756 | 800 MWF | 50 N 15 P | 35 MN | 10 MA | ALH | SGI | 8 SW66 | 2N1893 | - |
| 2N1975 | NS | T05 | L04 | 100V | 60 v | $7 v$ | 200MA | 1750 | 800 MWF | $40 \mathrm{M} \mathrm{15P}$ | 15 mN | 1 CMA | ALH | FCU | BSW66 | 2N1893 | 0 |
| 2N1980 | PG | 1036 | L13 | 50 V | 30 V | 20 V | 15 A | 110 C | 170 WC |  | 50/100 | 5 A | AHG | MCB | AD 212 | 2N1100 | 0 |
| 2N1981 | $P G$ | 1036 | L13 | 70 V | 40 V | 20 V | 15 A | 1106 | 170 WC |  | 50/100 | 5 A | AHG | MOB | AD212 | 2N1100 | 0 |
| $2 N 1982$ $2 N 1983$ | \| PG ( ${ }_{\text {S }}$ | 1036 | L13 | 90 V | 50 V | $20v$ | 15A | 1100 | 17 CWC 600 MWF | 40 N 45 p | 50/100 | 54 10 MA | AHG | MOE | ADZ12 | 2N1100 2N2297 | 0 |


| TRANSISTOR NUMBER | $\left\|\begin{array}{c} \text { PM } \\ O A \\ \text { LT } \end{array}\right\|$ | $\underset{\text { AGE }}{\text { PACK- }}$ | $\left.\begin{array}{\|c\|} \text { LEAD } \\ \text { INFO } \end{array} \right\rvert\,$ | $\begin{aligned} & \text { VCB } \\ & \text { MAX } \end{aligned}$ | $\begin{gathered} \text { VCE } \\ \text { MAX } \end{gathered}$ | $\begin{aligned} & \text { VEB } \\ & \text { MAX } \end{aligned}$ | ${ }^{\mathbf{I}} \mathbf{C}$ MAX | $\underset{\operatorname{MAX}}{\mathbf{J}}$ | TOT | $\begin{array}{ll} F & C_{0 B} \\ \text { MIN } & \text { MAX } \end{array}$ | $H_{F E}$ | $\begin{gathered} \mathrm{H}_{\mathrm{FE}} \\ \text { BIAS } \end{gathered}$ | USE | MFR | $\begin{aligned} & \text { EURO } \\ & \text { EQVT. } \end{aligned}$ | $\begin{aligned} & \text { USA } \\ & \text { EQVT. } \end{aligned}$ | ISS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2N1984 | NS | 105 | 104 | 50 V | 25 V | 5 V | 1 A | 175C | 800 MWF | 40~ 45P | 35 MN | 10 MA | ALG | SG 1 | BFY50 | 2N2297 | 0 |
| 2N1985 | NS | 105 | L04 | 50 V | 25 V | 5 V | 14 | 175C | 800 MW | 40 M 15P | 15 MN | 10 MA | AL | SGI | BFY50 | 1 | 0 |
| 2N1986 | NS | 105 | L04 | sov | 25 V | 5 V | 1 A | 175C | 600MWF | 40 M 35P | 60/240 | 150 MA | AM | SGI | BFY50 | N2 | 0 |
| 2N1987 | NS | 105 | 104 | 50 V | 25 V | 5 V | 1 A | 1756 | 600 MWF | 40 M 35P | 20180 | 150 MA | AM | SG I | BFY50 | 2N22 | 0 |
| 2N1988 | NS | 105 | 104 | 100 V | 45v | 5 V | 1 A | 175C | 600 MWF | 40N 20P | 35/120 | 30 MA | ALH | SGI | BSW66 | 2N1893 | 0 |
| 2N1989 | ns | TC5 | 104 | 100 V | 45v | 5 V | 1 A | 175C | 60 CMWF | 40 M 20P | $20 / 60$ | 30 MA | ALH | SGI | BSH66 | 2N1893 | 0 |
| 2N1990 | NS | 105 | 104 | 100 V | 60 V | 3 V | 1 A | 175 C | 600MWF | 40M 20P | 20 MN | 30 MA | ALH | SGI | BSW66 | 2N1893 | 0 |
| 2N1990R | NS | 1018 | L01 | 100 V | 60 v | 3 V | 1 A | 175 C | 250 M |  | 25 MN | 30 MA | ALH | SEU | BC 394 | 2N4390 | 0 |
| 2N1991 | PS | 105 | 104 | 30 V | 20 V | 5 V | 1 A | $175 C$ | 600 MWF | 40M 45P | 15/60 | 150 MA | ALG | SGI | BFS95 | 2N4036 | 0 |
| 2N2008 | NS | 105 | 1.04 | 175 V | 110 V | 8 V | 300 MA | 200 C | 800 NmF | 40 M 15 P | 40/120 | 50 MA | ALH | OBS | BSH66 | 2N4001 | 0 |
| 2N20C9-14 | TH |  |  |  |  | 10 V | 104 | 2000 | 150 WC | 500k | 15/50 | 5 A | THY | RCU | $2 T 2016$ | 2N2016 | 0 |
| 2N2015 | NS | 1036 | 113 | 100 V | 50 v | 10 V | 10 A | 2006 | 15 CWC | 500 K | 15/50 | 5 A | AHG | RCU | 2T2016 | 2N2016 | 0 |
| 2N2016 | NS | 1036 | L124 | 130 V 60 V | 60 V | 8 V | 14 | 1750 | 1 WF | 80 M 10 P | 50/200 | 200 MA | AMG | NAT | BFYSO | 2N2297 | 0 |
| 2N2023-31 | Th |  |  |  |  |  |  |  |  |  |  |  | thy |  |  |  | 0 |
| 2N2042 | PG | 105 | 104 | 105v |  | 75 V | 200~M | 1000 | 200 MWF | 400K 25P | 20/40 | 5MA | M | MOB | ACY17 |  | 0 |
| 2N2043 | PG | 105 | L04 | 105 V |  | 75v | 200MA | 1006 | 200 NWF | 400K 25P | 40/100 | 5MA | AMH | MOB | ACY17 |  | 0 |
| 2N2044-47 | TH |  |  |  |  |  |  |  |  |  |  |  | THY |  |  |  | 0 |
| 2N2049 | NS | 105 | 104 | 75 V | 50 V | $7 v$ | 500MA | 175 C | 800 MWF | 50M 25P | 100 MN | 150 MA | AMG | SGI | BF Y50 | 2N2297 | 0 |
| 2N2060 | ns |  |  |  |  |  |  |  |  |  |  |  | DUA | MOB |  |  | 0 |
| 2N206CA | NS |  |  |  |  |  |  |  |  |  |  |  | A | MCE |  |  | 0 |
| 2N20 | OG | 1034 | 13 | 80 V | $65 v$ | 40 V | 15 A | 110 C | 170 WC | 100k | 20/40 | 54 | THY | NOB | A0212 | 2N1100 | 0 |
| 2N2075A | PG | T036 | 113 | 80 V | 65 V | 40 V | 15A | 110C | 170 WC | 100k | 20/40 | 5 A | AHG | MOB | AD212 | 2N1100 | 0 |
| 2N2C7E | PG | T036 | 113 | 70 V | 55 v | 35 V | 158 | 110C | 170 WC | 100k | 20/40 | 5 A | AHG | MCB | AD 212 | 2N1100 | 0 |
| 2N2076A | PG | 1036 | 113 | 7 CV | 55 V | 35v | 15A | 110 C | 170 WC | 100k | 20/40 | 5A | AHG | MOB | ADZ 12 | 2N1100 | 0 |
| 2N2077 | PG | 1036 | L13 | 50 V | 45 V | 25V | 15A | 110C | 170 WC | 100k | $20 / 40$ | 5 A | AHG | MOB | AD212 | 2N1100 | 0 |
| 2N2077A | PG | 1036 | L13 | 50 V | 45 V | 25 V | 15 A | 110C | 170 WC | 100k | $20 / 40$ | 5 A | AH | MOB | ADL12 | 2N1100 | 0 |
| 2N2078 | PG | 1036 | L13 | 40 V | 25 V | 20 V | 15A | 1100 | 17 CWC | 100K | 20/40 | 54 | AHG | MOB | ADL2 2 | 2N1100 | 0 |
| 2N2078A | PG | T036 | L13 | 40 V | 25 V | 20 V | 15 A | 110 C | 17 CWC | 100K | 20/40 | 5 A | AHG | MOB | AD212 | 2N1100 | 0 |
| 2N 2075 | PG | 1036 | L13 | 80 V | 65 V | 40 V | 15A | 1100 | 170 WC | 100k | 35/70 | 5A | AHG | MOB | ADZ 12 | 2N1100 | 0 |
| 2N2079A | PG | T036 | L13 | 80 V | 65 V | 40 V | 15 A | 110 C | 170 WC | 100k | $35 / 70$ | 5 A | AH | MOB | ADE12 | 2N1100 | 0 |
| 2N2080 | PG | 1036 | 113 | 70 V | 55 V | 35 V | 15 A | 110C | 170 WC | 100k | $35 / 70$ | 5A | AH | M B | AD212 | 2N1100 | 0 |
| 2N2080A | PG | 1036 | 113 | 70 V | 55 V | 35v | 15 A | 110 C | 170 WC | 100K | 35/70 | 5 A | AHG | MOB | ADZ12 | 2N1100 | 0 |
| 2N2081 | PG | 1036 | 113 | 50 V | 45 V | 25 V | 15 A | 1106 | 17 CWC | 100K | $35 / 70$ | 5 A | AHG | MOB | AD 212 | 2N1100 | 0 |
| 2^2081A | PG | 1036 | 413 | 50 V | 45 v | 2 CV | 154 | 110 C | 170 WC | 100K | 35/70 | 5 A | AHG | MOB | ADZ 12 | 2N1100 | 0 |
| 2N2082 | PG | 1036 | L13 | 40 V | 25 V | 20 V | 15A | 1100 | 170 WC | 100k | 35/70 | 5 A | AHG | MOB | Ant 12 | 2N1100 | 0 |
| 2N2082A | PG | 1036 | L13 | 40 V | 25v | 2 CV | 15 A | 110 C | 170 WC | 100k | 35/70 | 5 A | AHG | MOB | ADIL2 | 2N1100 | 0 |
| 2N2096 | PG | $\times 26$ | L59 | 25 V | 12 V | 4 V | 500ma | 100 C | 500 MWF | 1 G 20 P | 15 MN | 400 MA | UMS | MOB |  |  | 0 |
| 2N2097 | $P G$ | $\times 26$ | L59 | 40 V | 20 V | 4 V | 500mA | 100C | 50 CNWF | 1620 P | 20 MN | 400MA | UNS | MOE |  |  | 0 |
| 2N2099 | PG | 105 | L04 | 25 V | 12 V | 4 V | 500MA | 100C | 300 NWF | 1G 20P | 15 MN | 40 CMA | UMS | MOB |  |  | 0 |
| 2N2100 | PG | 105 | 104 | 40 V | 20 V | 4 V | 500mA | 100C | 300 MWF | 1 G 20 P | 20 MN | 400 ma | UMS | M08 |  |  | 0 |
| 2N2102 | NS | 105 | LC4 | 120 V | 60 v | 7 V | 1 A | 175C | 1 hF | 60 N | 40/120 | 10 MA | AM | RCU | BSW66 | N400 1 | 0 |
| 2N2137 | PG | 103 | L05 | 30 V | 20 V | 15 V | 3 A | 110 C | 70 WC |  | 30/60 | 500 mA | AHG | MOB | AS 216 | 2N1536 | 0 |
| 2^2137A | PG | 103 | L05 | 3 CV | 20 V | 15 V | 3 A | 110C | 70 hc |  | $30 / 60$ | $5 C O M A$ | AHG | MOB | AS2 16 | 2N1536 | - |
| 2N2138 | PG | 103 | 105 | 45 V | 30 V | 25 v | 34 | 1106 | 70WC |  | 30160 | 500mA | AHG | MOB | AS216 | 2N1536 | 0 |
| 2N2138A | PG | 103 | L05 | 45 V | 30 V | 25 v | 3 A | 110 C | 70 CC |  | 30/60 | 500MA | AHG | MOB | AS216 | 2N1536 | 0 |
| 2N2139 | PG | 103 | 105 | 6 CV | 45 V | 30 V | 34 | 1106 | 70 WC |  | 30160 | 500 MA | AHG | MOB | ASZ 16 | 2N1536 | 0 |
| 2N2139A | PG | TO3 | 105 | 60 V | 45 V | 30 V | 3 A | 110 C | 70 WC |  | $30 / 60$ | 500MA | AHG | MOB | ASZ 16 | 2N1536 | 0 |
| 2N 2140 | PG | T03 | L05 | 75 V | 60 V | 40 V | 3 A | 110 C | 70WC |  | $30 / 60$ | 500 MA | AHH | MOB | ASZ15 | 2N1533 | 0 |
| 2N2140A | PG | 103 | 105 | $75 v$ | 60 V | 40 V | 3 A | 1100 | 7 CwC |  | 30160 | 500ma | AHH | MOB | AS215 | 2N1533 | 0 |
| 2N2141 | PG | 103 | 105 | 90 V | 65 V | 45 v | 3 A | $110 c$ | 70WC |  | $30 / 60$ | 500 ma | AHM | MOB | ASZ15 | 2N1533 | 0 |
| 2^2141A | $\mathrm{P}_{\mathrm{G}}$ | 103 | LC5 | 90 V | 65 V | 45v | 3 A | 110 C | 70 WC |  | 30/60 | 500 MA | AHH | MOE | ASZ 15 | 2N1533 | 0 |
| 2N2142 | PG | T03 | L05 | 30 V | 20 V | 15 V | 3 A | 110C | 70 WC |  | 50/100 | 500MA | AHG | MOB | ASZ16 | 2N1536 | 0 |
| 2N2142A | PG | r03 | L05 | 30 V | 20 v | 15v | $3 \Delta$ | 110C | 70 WC |  | 50/100 | 500 ma | AHG | M OB | AS216 | 2N1536 | 0 |
| 2N2143 | PG | 103 | 105 | 45 V | 30 V | 25 V | 3 A | 110C | 70 WC |  | 50/100 | 500mA | AHG | MOB | AS 216 | 2N1536 | 0 |
| 2N.143A | PG | 103 | L05 | 45 V | 30 V | 25 V | 3 A | 1100 | 70 WC |  | 50/100 | 500 ma | AHG | MOB | ASZ16 | 2N1536 | 0 |
| 2N2144 | PG | 103 | L05 | 6 CV | 45 V | 30 V | 3 A | 110C | 70WC |  | 50/100 | 500ma | AHE | MOB | ASZ16 | 2N1536. | 0 |
| 2N21444 | PG | 103 | L05 | 60 V | 45 V | 30 V | 3 A | 110 C | 7 CWC |  | 501100 | 500MA | AHG | MOB | ASZ16 | 2N1536 | 0 |
| 2N2145 | PG | 103 | 105 | 75 V | 60 V | 40 v | 3 A | 110C | 7 CWC |  | 50/100 | 500MA | AHH | M 08 | AS215 | 2N1533 | 0 |
| 2N2145A | PG | 103 | LO5 | 75 V | 60 V | 40 V | 3 A | 1106 | 7 CWC |  | 50/100 | 500mA | AHH | MOB | ASI 15 | 2N1533 | 0 |
| 2N2146 | PG | T03 | L05 | 90 V | 65 V | 45 V | 3 A | 1106 | 70 wC |  | 50/100 | 500MA | AHM | MOB | ASZ15 | 2N1533 | 0 |
| 2N2146A | PG | 103 | L05 | 90 V | 65 V | 45 V | 3 A | 1106 | 70WC |  | 50/100 | 50 cma | AHH | MOB | ASZ 15 | 2N1533 | 0 |
| 2N2147 | $\mathrm{PG}_{\mathrm{P}}$ | 103 | L05 | 75 V | 50 V | 165 | 5 A | 100C | 12WC | 1 M | 100mN | 1 A | AHG | RCU | AL 100 | 2N1906 | 0 |
| 2N2152 | PG | T036 | L13 | 45 V | 35 V | 20 V | 30 A | 110 C | 17 cWC | 100k | 25 MN | 15 A | AHG | MOB |  |  | 0 |
| 2^2153 | PG | 1036 | L13 | 60 V | 45 V | 30 V | 3 CA | 110 C | 170 WC | 100k | 25 MN | 15A | AHG | MOE |  |  | 0 |
| 2N2154 | PG | 1036 | 113 | 75 V | $\epsilon 0 \mathrm{~V}$ | 40 V | 30 A | 110C | 170 WC | 100k | 25 MN | 15 A | AHG | MOB |  |  | 0 |
| 2N2156 | PG | 1036 | 113 | 45 V | 30 V | 25 V | 30 A | 110C | 170 WC | 100K | 40 MN | 15 A | AHG | MOB |  |  | 0 |
| 2N2157 | PG | 1036 | 113 | 60 V | 45 V | 30 V | 304 | 110 C | 170 WC | 100k | $40 M \mathrm{~N}$ | 15. | AHG | МОВ |  |  | 0 |
| 2N2158 | PG | 1036 | 413 | 75 V | 60 V | 40 V | 30 A | 1106 | 17 cwC | 100k | 40 MN | 15.A | AHG | MOB |  |  | 0 |
| 2N2160 | Us |  |  |  |  |  |  |  |  |  |  |  | UJT | T18 |  |  | 0 |
| 2N2192 | NS | 105 | 104 | 60 V | 40 V | 5 v | 14 | 2006 | 800MbF | SOM 20P | 100 MN | 150 ma | RMS | MOB | BFY 50 | 2N 2297 | 0 |
| 2N2192A | as | 105 | 104 | 60 V | 40 V | 5 V | 1 A | 2006 | 800 MWF | 50 M 20 P | 100mN | 150 MA | RMS | M OB | BFY50 | 2N2297 | 0 |
| 2N2192B | ns | 105 | 104 | 60 V | 40 V | 5 V | 1 A | 200C | 800 MmF | 50M 20P | 100 MN | 150 MA | AMG | MOB | BFY50 | 2N2297 | 0 |
| 2N2193 | NS | 105 | L04 | 80 V | 50 V | 8 V | 1 A | 1756 | 800 MmF | 50M 20P | 40/120 | 150 MA | AMG | MOB | BSW66 | 2N4001 | 0 |
| 2N2193A | NS | 105 | 104 | 80 V | 50 V | 8 V | 14 | $175 C$ | 800 MWF | SOM 20P | 40/120 | 150 Ma | AME | MOB | 日FY50 | 2N2297 | 0 |
| 2N2193B | NS | 105 | L04 | 80 V | 50 V | 8 V | 14 | 200C | 800 MWF | 50M 20P | 40/120 | 150 MA | AMG | MOB | BFY50 | 2N2297 | 0 |
| 2N2194 | NS | 105 | LC4 | 60 V | 40 V | 5 V | 14 | 2006 | 800 MWF | 50 M 20 P | 20160 | 150 ma . | AMG | MOB | BFY50 | 2N2297 | 0 |
| 2N2194A | NS | 105 | LO4 | 60 V | 40 V | 5 V | 1 A | 200 C | 800 MWF | 50 M 20 P | 20160 | 150 Mm | AMg. | MOB | BFY50 | 2N2297 | 0 |
| 2N2194B | NS | 105 | L04 | 60 V | 40 V | 5 V | 1 A | 200C | 800 MWF | 50M 20P | $20 / 60$ | 150.ma | AMG | MOB | BFY50 | 2N2297 | 0 |


| TRANSISTOR NUMBER | $\left\|\begin{array}{c} \text { PM } \\ \mathbf{O A} \\ \text { LT } \end{array}\right\|$ | $\begin{aligned} & \text { PACK- } \\ & \text { AGE } \end{aligned}$ | $\left\lvert\, \begin{aligned} & \text { LEAD } \\ & \text { INFO } \end{aligned}\right.$ | VCB MAX | $\begin{gathered} \text { VCE } \\ \text { MAX } \end{gathered}$ | $\begin{aligned} & \text { VEB } \\ & \text { MAX } \end{aligned}$ | $\stackrel{1}{\mathrm{MAX}}$ | $\stackrel{\mathbf{T}_{\mathrm{MAX}}^{J}}{ }$ | TOT | $\begin{array}{ll} F & C_{0} \\ \text { MIN } & \text { MAX } \end{array}$ | $H_{F E}$ | $\begin{gathered} \mathrm{H}_{\mathrm{FE}} \\ \text { BIAS } \end{gathered}$ | USE | MFR | EURO <br> EQVT． | $\begin{aligned} & \text { USA } \\ & \text { EQVT. } \end{aligned}$ | ISS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2＾2195 | NS | TC5 | 104 | 45 V | 25 V | 5 V | 14 | 175 C | 600 MhF | 50 N 20 P | 20NN | 150NA | AMG | SGI | BFY50 | 2N2297 | 0 |
| 2N2195A | NS | T05 | L04 | 45 V | 25 V | 5 V | 1 A | 1750 | 600 MWF | 50M 20P | 20 MN | 150NA | AMG | SG1 | BFY50 | 2N2297 | 0 |
| 2N21958 | NS | 105 | LO4 | 45 V | 25 v | 5 V | 1 A | 2000 | 600 MWF | 50 M 20 P | 20 MN | 15 cma | AMG | MOB | BFYら0 | 2N2297 | 0 |
| 2N2196 | AS | TOSF | 144 | 80 V | 60 V | 8 V | 14 | 1750 | 2wF |  | 30190 | 200 MA | AMH | SEU |  | 2N2197 | 0 |
| 2N2197 | As | 105 F | 144 | 80 V | 60 V | 8 V | 1 A | 1756 | 2WF |  | 751200 | 200 ma | AMH | SEU |  | 2N2197 | 0 |
| 2N2205 | NS | T018 | 101 | 25 v | 12 V | 3 V | 200ma | 175 C | 300 MWF | 200～ 6 P | 40／120 | 10 MA | RLS | SGI | BSx20 | 2N 2369 | 0 |
| 2N2206 | AS | T04t | L01 | 25 V | 12 v | 3 v | 20CMA | 175 C | 300 MWF | 200M 6P | 40／120 | 10 MA | RLS | SGI | BS $\times 20$ | 2N2369 | 0 |
| 2N2217 | NS | 105 | L04 | 60 V | 30 v | 5 V | 800MA | 1750 | 800 MWF | 250 M 8P | 20 MN | 150 Ma | RNS | MOU | BFX ${ }^{\text {P }} 7$ | 2N2219A | 0 |
| ＜N2217A | NS | T05 | L04 | 75 V | 40 V | 6 V | 800ma | 1756 | 800 MmF | 250N 8P | 20 MN | 150 MA | RNS | MOU | BFX97 | 2N2219A | 0 |
| 2＾2218 | AS | 105 | L04 | 60 V | 30 V | 5 v | gcoma | 1756 | 800 MmF | 250N 8 P | 40／120 | 150 MA | RMG | SGI | BSW54 | 2N2219A | 0 |
| 2N2218A | NS | 105 | 104 | 75 V | 40 V | 6 V | gooma | 1750 | 80 cmwF | 250M 8P | 40／120 | 150 Ma | RMG | SGI | BSW54 | 2N2219A | 0 |
| 2N2219 | AS | T05 | LC4 | 60 V | 30 V | 5 V | 80 CMA | 1756 | 800 MWF | 250M 8P | 100m | 150 MA | RMG | SGI | BSW54 | 2N2219A | 0 |
| 2＾2219A | As | T0S | L04 | 75 V | 50 V | 6 V | 800MA | 1750 | 800 NWF | 300M 8P | 100 MN | 150 MA | RMG | SGI | BSW54 | 2N2219A | 0 |
| 2N2220 | NS | 1018 | LO1 | 60 V | 30 V | 5 V | 800MA | 1756 | 50 CMWF | 250 N 8 P | 20 NN | 150 MA | RMS | MOU | BFX95 | 2N2222A | 0 |
| 2N22 20A | NS | T018 | LOL | 75 V | 40 V | 6 V | goona | 175C | 50 MWF | 250 ${ }^{\text {M }} \mathrm{P}$ | 20 MN | 150MA | RMS | MOL | 8F×95 | 2N2222A | 0 |
| 2N2221 | NS | 1018 | 01 | 60 V | 30 V | 5 V | 800MA | 1756 | 500 MWF | 250 M RP | $4 \mathrm{c} / 120$ | 150 Na | RNG | SGI | BSW64 | 2N2222A | 0 |
| 2N2221A | As | 1018 | LCl | 75 V | 40 V | 6 V | 800MA | 1750 | 500 MmF | 250 N 8 P | 40／120 | 150 MA | RMG | SGI | BSW64 | 2N2222A | 0 |
| 2＾2222 | As | r018 | L01 | 60 V | 30 V | 5 V | 800 ms | 1756 | 500 MWF | 250 N 8 P | 100 MN | 150 MA | RMG | SGI | HSWS4 | 2N2222A | 0 |
| 2N2222A | NS | T018 | LCl | 75 V | 40 V | 6 V | 800mA | 175C | 500 MmF | 300 N 8P | 100 MN | 150 MA | RMG | SG I | ¢SW64 | 2N2222A | 0 |
| 2N2223 | NS |  |  |  |  |  |  |  |  |  |  |  | dUA | MOB |  |  | 0 |
| 2＾2223A | NS |  |  |  |  |  |  |  |  |  |  |  | UA | B |  |  | 0 |
| 2N2242 | NS | 1018 | LCl | 40 V | 15 V | 5 V | 20CMA | $175 C$ | 36 CMWF | 250～6P | $40 / 120$ | 10 MA | RLS | SGI | BS $\times 20$ | 2N2369 | 0 |
| 2＾2243 | NS | 105 | L04 | 120 V | 80 V | $7 v$ | 1 A | 200C | 800 MWF | 50 N 20 P | 40／120 | 150 MA | AMH | TIB | BSW66 | 2N1893 | 0 |
| 2N2243A | Ns | 1039 | L64 | 120 V | 80 V | $7 v$ | 14 | 200C | 800 MWF | 50 M 20 P | 40／120 | 150MA | AMH | TIB | 3SW66 | 2N1893 | 0 |
| 2N2256 | NS | 1018 | LOI | 7 V | 7 | 1 V | 100MA | 175 C | 300MWF | 250M 5P | 20 MN | 25 MA | ULS | MCE | BS $\times 20$ | 2N2309 | 0 |
| 212257 | As | 1018 | L01 | 7 V | $7 v$ | 1. | 100ma | 1756 | 300 Nm | 250N 5P | 40 M | 5 MA | ULS | MOB | BS $\times 20$ | 2N2369 | 0 |
| 2N2258 | PG | 1018 | LOd | $7 v$ | 7 V | IV | 100MA | 1006 | 15 CNWF | 250 M BP | 20 M | 5 MA | ULS | MOB | ASZ21 |  | 0 |
| 2N2259 | PG | 1018 | LO1 | $7 v$ | $7 v$ | 1 V | luoma | 100C | 15 CMWF | 250 N 8 P | 40 MN | 25 MA | ULS | MOB | ASL2 1 |  | 0 |
| 2N2260－02 | IH |  |  |  |  |  |  |  |  |  |  |  | THY |  |  |  | 0 |
| 2v2270 | As | 105 | LO4 | 60 V | 45 V | $7 v$ | 14 | 2006 | 1 WF | 60 M | 50／200 | 150NA | AMG | RCU | BFY50 | 2N2297 | － |
| 2＾2 | PC | To | L | 25 V | 15 v | 1 V | 100MA | 100 | 150 MmF | 250M 3P5 | $20 / 150$ | 1 MA | VLa | NOS | AF106 |  | 0 |
| 2＾2285 | $P G$ | 103 | LO5 | 00 V | 30 V | IV5 | 254 | 110C | 1 C6WC | 600k | 35／140 | $10 \Delta$ | AHG | N03 |  | 2N2287 | 0 |
| 2N 22 | PG | 103 | 05 | 100 V | OV | IVs | 254 | 1100 | 106 WC | 600x | 35／140 | 10 A | AHH | MOB |  | 2N2237 | 0 |
| 2N2287 | PG | 103 | LO5 | 120 V | 80 V | 1V5 | 254 | 110 C | 106 WC | 600k | $35 / 140$ | 10 A | RHH | MOB |  | 2N2287 | 0 |
| 2＾2288 | PG | 103 | L05 | 40 V | 30 V | 0v7 | 10 A | 110C | 70 WC | 450 K | 20160 | 5 A | AHS | Mп® | AL 100 | 2N1906 | 0 |
| 212289 | PG | 103 | L05 | 80 V | 50 V | Cu7 | 10A | 1100 | Onc | 450 K | $20 / 60$ | 54 | AHS | mot | All00 | 2N1906 | 0 |
| 212290 | PG | r03 | L05 | 120 V | 70 V | OV7 | 104 | 110 C | 70WC | 450 K | $20 / 60$ | 5 A | AHS | NOB | All00 | 2N1906 | 0 |
| 2N2291 | PG | 103 | L05 | 40 V | 30 V | 1V5 | 104 | 1100 | 70 WC | 450 K | 50／120 | 5 A | AHS | мов | AL 100 | 2N1906 | 0 |
| 2N2292 | PG | TO3 | L05 | sov | 50 V | IVs | 104 | 1106 | 7 CWC | 450 K | $50 / 170$ | 54 | AHS | MOB | ALl00 | 2N1906 | 0 |
| 2N2293 | PG | TO3 | L05 | 120 V | 70 V | IV5 | 104 | 1100 | 70WC | 450 K | 5c／120 | 5 A | AHS | мов | All00 | 2N1906 | 0 |
| 2N229 | NS | 105 | LO | 80 V | 35 | 7 V | 14 | 1750 | 800 MwF | 60 M 12 P | 40／120 | 150NA | ang | nue | BFY50 | 2N 2297 | 0 |
| 2＾2303 | PS | ros | LC4 | 50 V | 35 V | 5 v | 500 ma | 175 C | 600 MWF | 60 M 45 P | 75／200 | 150 MA | AME | MUB | BFS95 | 2N4036 | 0 |
| 2＾2322－29 | TH |  |  |  |  |  |  |  |  |  |  |  | THY | MCB |  |  | 0 |
| 2N2330 | NS | 105 | L04 | 30 V | 20 V | 5 V | 500 ma | 1750 | 80 CNWF | 100N 10 F | 50 MN | 10 MA | RMS | MOB | BSW64 | 2N2222A | 0 |
| 2＾2331 | NS | 1018 | L01 | 30 V | 20 V | 5 V | scona | $175 C$ | 500 MWF | 100 ${ }^{\text {N }}$ 10P | 50 NN | 10MA | RMS | N08 | BSW54 | 2N2219A | 0 |
| 2N2344－48 | TH |  |  |  |  |  |  |  |  |  |  |  | THY |  |  |  | 0 |
| 2N2351 | AS | 1046 | 101 | 80 V | 50 V | 8 av | 1 A | 2000 | 400 MWF | 50 M 20 P | 40／120 | 150 MA | RNG | FCU | BSW64 | 2N2222A | 0 |
| 212351A | As | 1046 | L01 | 80 V | 50 V | 8 V | 1 A | 2006 | 400 MWF 2 | 2500 K | 40／120 | 150 Na | RMG | FCU | BSW64 | 2N2222A | 0 |
| 2N2352 | NS | 1046 | L01 | 60 V | 40 V | 5 V | 14 | 2000 | 400 MmF | 50 N 20 P | 20／60 | 150 ma | AMG | FCU | BS×33 | 2N731 | 0 |
| 2N2352A | NS | T04t | L01 | 60 V | 40 v | 5 V | 14 | 2000 | 400 MWF | 50 N 20 P | $20 / 60$ | 150 MA | AMG | FCU | $85 \times 33$ | 2N731 | 0 |
| 2N2353 | ns | 1046 | L01 | 45 V | 25 V | 5 V | 14 | 2000 | 400 NWF | 50 M 20 P | 10 Ma | 150 Na | ANG | FCU | $85 \times 33$ | 2N731 | 0 |
| 2N23534 | NS | 1046 | LO1 | 45 V | 25 V | 5 V | $1 \Delta$ | 2006 | 400 MWF | 50N 20P | 20 MN | 150 Na | AMG | FCU | BSW64 | 2N731 | 0 |
| 2＾2357 | PG | －07 | L05 | ocv | v | 2 V | 50 A | 1100 | 170 WC | 600 K | $30 / 90$ | 20 A | AHG | MCB |  |  | 0 |
| 2＾2358 | PG | $\times 07$ | LC5 | 100 V | 60 V | $2 \vee 5$ | 504 | 1100 | 170 WC | 600k | $30 / 90$ | 20 A | $\triangle \mathrm{HH}$ | MO3 |  |  | － |
| 2N2359 | PG | $\times 01$ | LOS | 120 V | 80 V | 2V5 | 50 A | 110C | 170 WC | 600k | 30／90 | 20A | AHH | MOB |  |  | 0 |
| 2＾2368 | ns | 1018 | L01 | 40 V | 15 V | 4 V | 500ma | 1750 | 360 NWF | $400 \mathrm{M} \mathrm{4P}$ | 20－60 | 10 MA | ULS | SGI | BS $\times 20$ | 2N2369 | 0 |
| 2N2369 | NS | 1018 | L01 | 40 V | 15 v | 4 V | 500MA | 1756 | 360 MWF | 500 N 4 P | 40／120 | 10 MA | ULS | SGI | BS $\times 20$ | 2N2369 | 0 |
| 2＾23694 | NS | T018 | Lol | $40 \vee$ | 15 V | 4 V | 500ma | 175C | 360 MWF | 500 M 4 P | 40／120 | 10 MA | ULS | SGI | BS×20 | 2N2309 | 0 |
| 2N2381 | PG | 105 | LC4 | 30 V | 15 V | 4 V | s00na | 100C | 300 MWF | 300M 6P | 25MN | 4 Ccma | VMS | MOB |  | 2N2382 | 0 |
| 2N2382 | PG | 105 | L04 | 45 v | 20 V | 4 v | 500 MA | 100C | 300 MWF | 300 M 6P | 25 MN | 40 cma | VMS | MOB |  | 2N2382 | 0 |
| 212236 | FE |  |  |  |  |  |  |  |  |  |  |  | FET | 110 |  |  | 0 |
| 212386A | FE |  |  |  |  |  |  |  |  |  |  |  | FET | 118 |  |  | 0 |
| 2N2405 | NS | T05 | LO4 | 140 V | 90 V | 7 V | 1 A | $200 C$ | 1 hF | 50M 15P | 60／200 | 150 MA | AMH | MOB | BSW66 | 2N1893 | 0 |
| 2＾2410 | ns | 105 | L04 | 60 V | 30 V | 5 V | 800～A | 1756 | 800 MWF | 200 M 11 P | 30／120 | 150 MA | RMS | MUR | BSW54 | 2N2219A | 0 |
| 2N2411 | PS | TC18 | LC1 | 25 V | 20 v | 5 V | 100mA | 2006 | 300 MNF | 140 M 5P | 20／60 | IOMA | ALG | NAT | BC 177 | 2 N 3 | 0 |
| 202412 | Ps | 1018 | L01 | 25 V | 20 V | 5 V | 100NA | 200 C | 300 MWF | 140N 5P | 40／120 | 10 MA | ALG | Nat | BC177 | 2N3965 | 0 |
| 2ヘ2415 | PG | r012 | LC6 | 15 V | 10 V | OV3 | 2 Ma | 100 C | 75 MWF | 500M 2P | 10／200 | 2 MA | ULA | MOB | AF239 |  | 0 |
| 2N2416 | PG | T072 | L06 | 15 V | 10 V | ov 3 | 20na | 100 C | 75 MWF | $400 \mathrm{M} \mathrm{2P}$ | $8 / 200$ | 2 Ma | ULA | MOB | AF 239 |  | 0 |
| 2N2417－22 | us |  |  |  |  |  |  |  |  |  |  |  | UJT |  |  |  | 0 |
| 2＾2430 | $n \mathrm{G}$ | toi | L02 | 32 V | 32 V | 10 V | 500MA | $75 C$ | 280 NWF | 1M140P | $60 / 210$ | 50 MA | AMG | AMP | AC176 | 2N2430 | 0 |
| 2N2432 | NS | 1018 | L01 | 30 V | 30 V | 15 v | 100 Na |  | 30 CMWF | 20 M | 50 MN | 1 MA | ALC | T18 |  |  | 0 |
| 2＾24324 | AS | T018 | LC1 | 45 V | 45 v | 18 V | loona |  | 300 MWF | 20 M | 50 MN | 1 MA | ALC | TIB |  |  | 0 |
| 2N2443 | NS | 105 | L04 | 120 V | 100v | 7 V | 200MA | 175C | 800 MWF | $50 \mathrm{M} \mathrm{15P}$ | 50／150 | 50 MA | ALH | SGI | BSW66 | 2N4001 | 0 |
| 2N2453 | NS |  |  |  |  |  |  |  |  |  |  |  | DUA | MOX |  |  | 0 |
| 2＾2453A | ns |  |  |  |  |  |  |  |  |  |  |  | DUA | NCB |  |  | 0 |
| 2N2454 | TH |  |  |  |  |  |  |  |  |  |  |  | thy |  |  |  | 0 |
| 2N2475 | As | T018 | L01 | 15 V | $\epsilon v$ | 4 V | 200 NA | 175 C | 500 MWF | 600 M 3 P | $30 / 150$ | 20 NA | UL S | SGI | BS $\times 20$ BSW54 | $2 N 2369$ 2N2219A | A |
| 212476 | NS | 105 | 104 | 60 V | 20 V | $5 v$ $5 v$ | 500 MA 500 mA | 1750 | 600 MWF | $\begin{array}{ll}250 \mathrm{M} & 10 \mathrm{P} \\ 250 \mathrm{M} & 10 \mathrm{P}\end{array}$ | 20 MN 40 MN | 150 MA 150 MA | RMS | SG I | BSW54 BSW54 | 2N2219A 2N2219A | 0 0 0 |
| 2N2477 | NS | 105 | LC4 | 60 V | 20 V | 5 V | 500MA | 1756 | 600 MmF | 250N 10P | 40 MN | 150 MA | $\left\|\begin{array}{l} \text { RNS } \\ \text { RUA } \end{array}\right\|$ | $\begin{array}{\|l\|l\|} \hline \text { SGI } \\ \text { MOB } \end{array}$ | BSW54 | 2N22194 | 通 |




| TRANSISTOR NUMBER | $\left.\begin{gathered} P M \\ 0 A \\ \text { LT } \end{gathered} \right\rvert\,$ | $\begin{aligned} & \text { PACK- } \\ & \text { AGE } \end{aligned}$ | $\begin{gathered} \text { LEAD } \\ \text { INFO } \end{gathered}$ | $\begin{aligned} & \text { VCB } \\ & \text { MAX } \end{aligned}$ | VCE MAX | VEB <br> MAX | $1$ $\mathrm{C}$ $\operatorname{MAX}$ | $\underset{\text { MAX }}{\mathbf{T}}$ | TOT | $\begin{array}{ll} F_{T} & C_{0} \\ \text { MIN } & M \end{array}$ | $\begin{aligned} & \text { OB } \\ & \text { MAX } \end{aligned}$ | $\mathbf{H E}_{\text {FE }}$ | $\begin{gathered} \mathbf{H}_{\mathrm{FE}} \\ \text { BIAS } \end{gathered}$ | USE | MFR | $\begin{aligned} & \text { EURO } \\ & \text { EQVT. } \end{aligned}$ | $\begin{aligned} & \text { USA } \\ & \text { ERVT. } \end{aligned}$ | ISS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | CUA | MCE |  |  | 0 |
| 2N2972-73 | NS |  |  |  |  |  |  |  |  |  |  |  |  | A | B |  |  | 0 |
| 2N2974-75 | NS |  |  |  |  |  |  |  |  |  |  |  |  | dua | MCB |  |  | 0 |
| 2N2978-79 | AS |  |  |  |  |  |  |  |  |  |  |  |  | UA | MCB |  |  | 0 |
| 2N298C-82 | AS |  |  |  |  |  |  |  |  |  |  |  |  | HY |  |  |  | 0 |
| 08 | TH |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2N30C9 | NS | 1018 | LCl | 40 V | 15 V | 4 V | 200MA | 200 C | 36 CNWF | 350 N | 5 P | 30/120 | 30 MA | VLS | M08 | BS×20 | 2N2369 | 0 |
| 2N3010 | NS | T018 | LO1 | 15 V | 6 V | 4 V | 50 MA | 175 C | 300 MWF | 600M | 3 P | 25/125 | 10 MA | ULS | SGI | BSX20 | 2369 | 0 |
| 2N3011 | NS | 1018 | LOI | 30 V | 12 V | 5 V | 200MA | 1750 | 360 MWF | 400 M | 3 P | 30/120 | 10 MA | VLS | SGI | BS×20 | N3569 | 0 |
| 2N3012 | PS | 1018 | L01 | 12 V | 12V | 4 V | 200MA | 1750 | 360 M | 400 M | 6 P | 30/120 | MA | VLS | SGI | BSW24 | 2N3546 | 0 |
| 2N3013 | NS | 1018 | LC1 | 40 V | 15v | 5 V | 200MA | $175 C$ | 360 NWF | 350 N | 5 P | 30/120 | 30 ma | VLS | SGI | BSx | 2N2369 | 0 |
| 2N3014 | NS | 1018 | 1 | 40 V | 20 V | 5 V | 200 MA | 200C | 360 MWF | 350 M | 5 P | 25MN | 10cma | S | NOB | BS×20 | N2369 | 0 |
| 2N3015 | NS | 105 | L04 | 60 V | 30 V | 5 V | 500MA | $175 C$ | 800 MWF | 250 M | 8P | 30/120 | 150 MA | RMS | SGI | BSW54 | 2N2219A | 0 |
| 2N3019 | NS | 105 | 104 | 140 V | 80 V | $7 v$ | 14 | 1906 | 800 MWF | 100* | 12 P | 100 MN | 150 MA | AM | SGI | BS | 2N4001 | 0 |
| 2N3020 | ns | 105 | L04 | 140 V | 80 V | 7 V | 1 A | 180 C | 800 MHF | 80 M | 12 P | 40/120 | 150 MA | AMH | SGI | BSW66 | 2N1893 | 0 |
| 2N3021 | pS | 103 | 105 | 3 CV | 30 V | 4 V | 3A | 175 C | 25wC | 60 M |  | 20/60 | A | VHS | MOE |  |  | 0 |
| 2N3022 | PS | 103 | L05 | 45 V | 45 v | 4 V | 3A | 175C | 25 WC | 60 M |  | 20160 | 1 A | VHS | MCB |  |  | 0 |
| 2N 3023 | PS | 103 | L05 | 60 V | 60 V | 4 V | 3 A | 1750 | 25WC | 60 M |  | 20/60 | 1 A | VHS | MOB |  |  | 0 |
| 2N3024 | PS | 103 | L05 | 30 V | 30 V | 4 V | 3 A | 1756 | 25 HC | 60 N |  | 50/180 | 1 A | VHS | MOB |  |  | 0 |
| 2N3025 | PS | 103 | L05 | 45 V | 45 V | 4 V | 3 A | 175C | 25 HC | 60 N |  | $50 / 180$ | 14 | VHS | MOB |  |  | 0 |
| 2N3026 | PS | T03 | 105 | 60 V | 60 V | 4 V | 3A | 175C | 25 WC | 60 M |  | 50/180 | 1 A | VHS | MOB |  |  | 0 |
| 27- | IH |  |  |  |  |  |  |  |  |  |  |  |  | HY |  |  |  | 0 |
| 2N30 | NS | 1039 | 104 | 120 V | 80 V | $7 v$ | 200MA | 200C | 800 NWF | 50 M |  | 50/150 | 50 Ma | AMH | IIB |  |  | 0 |
| 2N3043-48 2N3053 | NS |  |  |  |  | 5 V | 700 MA | 200C | WF | 100\% | 15P | 50 MN | 150MA | AMG | MUB | BFY5 1 | 2N2297 | 0 |
| 2N3053 | NS | 105 | 104 | 60v | 40 v | 7 c | rooma | 200 C |  |  |  |  |  |  | RCU | Buy 38 | 2N3054 | 0 |
| 2N3054 | NS | tote | 143 | 90 V | 60 V | 7 V | 4 A | 200 C | 25 WC | 750K |  | 25/100 | 500ma | AHE |  |  |  |  |
| 2N30 | NS | 103 | 105 | 100 V | 60 V | 7 V | 15 A | 2006 | 115 hC | 200k |  | 20170 | 4 A | AHH | MOB | BDY20 | N3055 | 0 |
| 2N3055s | NS | 103 | L05 | 100 V | 60 V | $7 v$ | 15A | 2006 | 117 WC | 800k |  | 20170 | 4 A | AHG | SEU | B DY20 | 2N3055 | 0 |
| 2N3056 | NS | 1046 | LO1 | 100 V | 60 V | $7 v$ | 14 | 200C | 400 MhF | 80 N | 12 P | 40/120 | 150 MA | AMH | FCU | BSW64 | 2N2222A | 0 |
| 2N3056A | NS | 1046 | LO1 | 140 V | 80 V | 7 V | 1 A | 200 C | 400 MWF | 80 M | 12 P | 40/120 | 150MA | AMH | FCU | B SW66 | 2N1893 | 0 |
| 2N3057 | AS | T046 | 101 | 100 V | 60 V | 7 V | 1 A | 200 C | 400 MWF | 80 M | 12 P | 100 mN | 150 Ma | AMH | FCU | BSW64 | 2N2222 | 0 |
| 2N3057A | NS | 1046 | 101 | 140 V | 80 V | 7 V | 14 | 2006 | 40 CMWF | 80 N | 12 P | IOnMN | 150 mA |  | FCU | BSW66 | 2N1893 | 0 |
| 2N3066-71 | FE |  |  |  |  |  |  |  |  | 130M | 10P | 30/130 | OMA | FEI | SG I | BFS95 | 2N4036 | 0 |
| 2N3072 | PS | TC5 | L04 | 60 V | 60 V | 4 V | 500 5 A | 180 C | 800 MHF | 130 m |  | 30/130 |  | AMG |  |  |  |  |
| 2N 3073 | PS | 1018 | 101 | 60 V | 60 V | 4 V | 500 MA | 180 C | 360 MWF 600 MWF | 130 M 150 M | 10 P | $30 / 130$ $30 / 90$ | 50 MA 150 MA | AMG RMG | OBS | - | 2N2907A | 0 |
| 2N3081 | PS | 105 | LO4 | 70 V | 50 V | 6 V | 600 MA | 200 C | 600 MWF | 150 M | 13P | 30/90 | 150 MA | RMG | OBS | BSW54 | 2N2219A | 0 |
| 2N3084-89 | FE |  |  |  |  |  |  |  |  |  |  |  |  | FET |  |  |  | 0 |
| 2N3091-99 | TH |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 0 |
| $\begin{aligned} & 2 N 31 C 0- \\ & 2 N 3107 \end{aligned}$ | Th | 105 | L04 | 100 V | 60 V | 7 | 14 | 180 C | 80 | 70 M | 20P | I00MN | 150 MA | AMH | SGI | BSW66 | 2N1893 | 0 |
| 2N3108 | NS | 105 | 104 | 100 V | 60 V | 7 V | 14 |  | 800 MWF | 60 N | 20P | 40/120 | 150 MA | AMH | SG1 | BSW66 | 2N1893 | 0 |
| 2N3109 | NS | 10 | LO4 | 80 V | 40 V | $7 v$ | 14 | 1800 | 80 M MF | 70M | 25 P | 100 MN | 15 CMA | AMG | FCU | BFY50 | 2N2297 | 0 |
| 2N3110 | NS | 105 | 104 | 80 V | 40 V | $7 v$ | 1A | 190C | 800MWF | 60 M | 25 P | 40/120 | 150 mA | AMG | SGI | BFY50 | 2N2297 | 0 |
| 2N3112-13 | FE |  |  |  |  |  |  |  |  |  |  |  |  | FET |  |  |  | 0 |
| 2N3114 | AS | 105 | 104 | 150 V | 150 V | 5 V | 200MA | 1750 | 800 MWF | 40 M | 9 P | 30/120 | 30 MA | ALH | SGI | BS W66 | 2N1893 | 0 |
| 2N3115 | NS | 1018 | L01 | 60 V | 20 V | 5 V | 600MA | 1750 | 400 MWF | 250 N | 8 P | 40/120 | 150 MA | RMG | MOB | BSW64 | 2N2222A | 0 |
| 2N311t | ns | 1018 | L01 | 60 V | 20 V | 5 V | gocna | 17 | 40 | 250 M | 8 P | 100 mN | 150 MA | rmg | MOB | BSW64 | 2N2222A | 0 |
| 2N3117 | NS | 1018 | L01 | 60 V | 60 V | 6 V | 50MA | 1750 | 360 | 60M | 4 P 5 | 250 MN | 10 MA | ALN | SGI | BC109 | 2N930 | 0 |
| 2N3120 | PS | 105 | 104 | 45 V | 45 V | 4 V | sooma | 1806 | 800 M | 130 N | 10P | 30/130 | 50 MA | AMG | SGI | BFS 95 | 2N4036 | 0 |
| 2N3121 | PS | 1018 | L01 | 45 V | 45 V | 4 V | 500 MA |  | 360 MWF | 130 M | 10 P | 30/130 | 50 MA | AMG | SGI | BSW24 | 2N2907A | 0 |
| 2N3127 | PG | 1072 | LC6 | 25 V | 20 V | OV7 | 50 MA | 100C | 10 CMWF | 400 M | 1 P 2 | 20/100 | 3 MA | ULA | MOB | AF239 |  | 0 |
| 2N3133 | PS | T05 | LO4 | 50 V | 35 V | 4 V | goona | 200C | 600 | 200M | 10 P | $40 / 120$ | 150 MA | AMG | MUB | 8F $\times 30$ | 2N2905A | 0 |
| 2N3134 | PS | 105 | L04 | 50 V | 35 V | 4 V | 600MA | 200 C | 600 M | 200 M | 10P | 100 MN | 150 MA | AMG | MUB | BF×30 | 2N2905A | 0 |
| 2N3135 | Ps | 1018 | L01 | 50 V | 35 V | 4 V | 600ma | 180C | 400 N | 200M | 10 P | 40/120 | 150 MA | RMG | SGI | BSW24 | 2N2907A | 0 |
| 2N3136 | PS | 1018 | L01 | 50 V | 35 V | 4 V | 600 NA | 175C | 400 MWF | 200N | 10 P | 100MN | 150 MA | RMG | NAT | BSW24 | 2N2907A | 0 |
| 2N3137 | ns | 105 | L04 | 40 V | 20 V | 4 V | 150MA | 200C | 80 CMWF | 500 M | $3 P 5$ | 20/120 | 5 CMA | UMP | MOB |  |  | 0 |
| 2N3209 | PS | 1018 | 101 | 20 V | 20 V | 4 V | 200~A | $175 C$ | 360 MWF | 400N | 5 F | 30/120 | 30 MA | VLS | SGI | BSW24 | 2N3546 | 0 |
| 2N3210 | ns | 1018 | L01 | 40 V | 15 V | 5 V | 500 ma | 2006 | 360 MWF | 300 M | 6 P | 30/120 | 10 MA | VMS | MOB | BS $\times 20$ | 2N2369 | 0 |
| 2N3211 | NS | 1018 | LC1 | 40 V | 15 V | 6 V | 500MA | 200C | 36 CMWF | 350 N | 4 P | 50/150 | 10 MA | VMS | MOB | BS×20 | 2N2369 | 0 |
| 2N3227 | NS | r018 | 101 | 40 V | 20v | 6 V | 500 MA | 200C | 360 MWF | 500 N | 4 P | 100 MN | 10 MA | VLS | MOB | BSx20 | 2N 2369 | 0 |
| 2N3228 | TH |  |  |  |  |  |  |  |  |  |  |  |  | IHY | SEU |  |  | 0 |
| 2N3232 | NS | 103 | 105 | 60 V | 60 V | 6 V | 78 | 200 C | 117WC | 1 N |  | 18/55 | 3 A | AHG | MOB | BDY 20 | 2N3055 | 0 |
| 2N3235 | NS | 103 | L05 | 55 V | 55 V | 7 V | 15A | 200 C | 117 WC | 1 M |  | 20/70 | 4 A | AHG | MOB | B DY20 | 2N3055 | 0 |
| 2N3244 | PS | 105 | L04 | 40 V | 40 V | 5 V | 1 A | 200C | 1 WC | 175 M | 25 P | 50/150 | 500 ma | VMS | MOB |  |  | 0 |
| 2N 3245 | PS | 105 | 104 | 50 V | 50 V | 5 V | 14 | 200 C | 1 WC | 150 M | 25 P | 30/90 | 500 MA | VMS | MOB |  |  | 0 |
| 2N3248 | PS | T018 | L01 | 15 V | 12 V | 5 V | 200MA | 200 C | 360 MWF | 250 M | 8 P | 50/150 | 100UA | VLS | NAT | BSW25 | 2N3546 | 0 |
| 2N3249 | PS | 1018 | L01 | 15 V | 12 V | 5 V | 200MA | 200 C | 360 MWF | 250 N | 8 P | 100 MN | 10 CUA | VLS | NAT | BSW25 | 2N3546 | 0 |
| 2N3250 | PS | T018 | L01 | 50 V | 40 V | 5 V | 200MA | 180 C | 360 MWF | 250N | 6 P | 50/150 | 10 MA | RLG | SGI | BSW24 | 2N 2907 A |  |
| 2N3250A | PS | 1018 | LCl | 60 V | 60 V |  | 200MA | 200 C | 360MWF | 250M | 6 P | 50/150 | 1 OMA | RMG | NAT | BSW24 | 7A |  |
| 2N3251 | PS | 1018 | L01 | 50 V | 40 V | 5 V | 200 MA | 180 C | 360 MWF | 300M | 6 P | 100 MN | 10MA | RLG | SG1 | BSW24 | 2N2907A 2N2907A |  |
| 2N3251A | PS | 1018 | 101 | 60 V | 60 V | 5 V | 200MA | 200 C | 360 MWF | 300N | 6 P | 100 MN | 10MA | RMG | NAT | BSW24 | 2N2907 |  |
| 2N3252 | NS | 105 | L04 | 60 V | 30 V | 5 V | 1 A | 175 C | 1 hF | 200 N | 12 F | $30 / 90$ | 5 CONA | RMS | SGI | BSW54 B SW 54 | 2N2219A 2N2219A | 0 |
| 2N3253 | NS | T05 | L04 | 75 V | 40 V | 5 V | 14 | 175 C | 1 WF | 175 M | 12 P | 25 MN | 150 MA | RMS | SGI | B SW54 | 2N2219A | 0 |
| 2N3254-59 |  |  |  |  |  |  |  | 175 C | 300 MWF | 600M | $3 P 5$ | $40 / 150$ | 10 Ma | RMG | RCU | BSW64 | 2N2222A | 0 |
| $\begin{aligned} & \text { 2N3261 } \\ & \text { 2N3269-76 } \end{aligned}$ | ${ }_{6} \mathrm{AS}$ | 1018 | L01 | 40 V | 15 V | 6 V | 500ma | 1756 | 300 MWF | 600m | 3 S |  |  | thy |  |  |  | 0 |
| 2N3277-78 | 8 |  |  |  |  |  |  |  |  |  |  |  |  | FET |  |  |  | 0 |
| 2N3279 | PG | 1072 | 106 | 30 V | 20 V | iv | 50 MA | 100C | 100 MWF | 400M | $1 p$ | 10/70 | 3 MA | VLG | MOB | AF 239 |  | 0 |
| 2N3280 | PG | T072 | 106 | 30 V | 20 V | 1 V | 50 Ma | 100 C | 100 MmF | 400M | 1 P 2 | 10170 | 3MA | VLG | MOB | AF239 |  | 0 |
| 2N3281 2N3282 | PG | 1072 | L06 | 30 V 30 V | 15 l | OV5 OV5 | 50 ma 50 ma | 100 C 100 C | 100 MmF 100 MwF | $\mathrm{F}^{300 \mathrm{M}}$ | $1 \mathrm{l}{ }_{1}{ }^{\text {1P2 }}$ | $10 / 100$ $10 / 100$ | 3 MMA | VLG | MOB | AF239 |  |  |


| TRANSISTOR NUMBER | $\begin{aligned} & \text { PM } \\ & \mathbf{O A} \\ & \mathbf{L T} \end{aligned}$ | $\begin{aligned} & \text { PACK- } \\ & \text { AGE } \end{aligned}$ | $\left\|\begin{array}{l} \text { LEAD } \\ \text { INFO } \end{array}\right\|$ | VCB MAX | VCE MAX | VEB MAX | $\underset{\text { MAX }}{\mathbf{C}}$ | $\underset{\text { MAX }}{\mathbf{J}}$ | TOT | $\left\lvert\, \begin{array}{ll} F & C_{0 B} \\ \text { MIN } & \text { MAX } \end{array}\right.$ | $H_{F E}$ | $\begin{gathered} \mathrm{H}_{\mathrm{FE}} \\ \text { BIAS } \end{gathered}$ | USE | MFR | EURO EQVT． | USA EQVT． | ISS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2＾3283 | PG | 1072 | 106 | 25V |  | OV | SONA | 100 C | LCCNW | 250M 1P5 | 10 MN | 3 MA | VLG | MCB | AF2 |  | 0 |
| 2N3284 | PG | 1072 | LOE | 25 V |  | 0V5 | 5 ¢ Ma | 100 C | 10 CNWF | 250N 1P5 | 10 MN | 3MA | VLG | Mob | AF2 |  | 0 |
| 2N 3285 | PG | 1072 | LC6 | 20 V |  | OVs | 50 Ma | 100 C | 10 cmiF | 250 M 1 P 5 | 5 NN | 3 MA | VLG | Mob | AF239 |  | 0 |
| 2N3286 | PG | 1072 | LC6 | 20 V |  | OV5 | Scma | 100C | 100 MWF | 250M $1 P 5$ | 5 MN | 3 MA | VLG | MOB | AF239 |  | 0 |
| 2N3287 | ns | 1072 | LOE | 40 V | 20 V | 3 V | 50 MA | 2006 | 200 MWF | $350 \mathrm{M} \mathrm{P1}$ | 15／100 | 2 MA | FVG | MOB | BF200 |  | 0 |
| 213288 | NS | 1072 | 106 | 40 V | 20 V | 3 v | CNA | 200 C | 二COMmF | 350 M 1 P 5 | 15／100 | 2 MA | FVG | MCE | B F200 |  | 0 |
| 2N3289 | NS | 1072 | LCE | 30 V | 15 V | 3 v | SONA | 200 C | 200 MWF | $300 \mathrm{M} \mathrm{LP5}$ | 10／150 | 2 MA | FVG | MCB | HF200 |  | 0 |
| 2N 3290 | NS | 1072 | L06 | 30 v | 15 v | 3 v | 50 MA | 200C | 200 MwF | $300 \mathrm{M} \mathrm{1P5}$ | 10／150 | 2 MA | FVG | MOB | BF 200 |  | 0 |
| 2N3291 | AS | 1072 | 106 | 25 V |  | 3 v | 50 MA | 2006 | 200 MmF | 250 N 2 P | $10^{\mathrm{Na}}$ | 2 MA | FVG | MOE | BF20C |  | 0 |
| 2N3292 | AS | 1072 | LOE | 25 V |  | 3 V | 50 MA | 2 COC | 200 MwF | 250 N 2 P | IOMN | 2 MA | FVG | MOB | BF200 |  | 0 |
| 2N3293 | NS | T072 | LC6 | 20 V |  | 3 v | SOMA | 200 C | 20 CMnF | 250M 2P | loma | 2MA | FVG | MCP | HF200 |  | 0 |
| 2N3294 | AS | 1072 | LC6 | 20 V |  | 3 V | 5 CMA | 200C | 200 MWF | 250M 29 | 10MN | 2 MA | FVG | MOB | BF200 |  | 0 |
| 2N 3295 | AS | 105 | LC4 | 60 V |  | 5 V | 250 MA | 1756 | ع00 ${ }^{\text {drat }}$ | 200M gp | 20／60 | 10 MA | vNP | MOB |  |  | 0 |
| 2N3296 | NS | $\times 26$ | 159 | 60 V | 40 v | 3 V | 700 ma | 1756 | 70 CMWF | 100N 20P | $5 / 50$ | 40 MA | VMP | MOE |  |  | 0 |
| 2N3297 | $\wedge S$ | 103 | L05 | 60 V | 40 V | $3 v$ | S00 ma | 175 C | 25 wC | 100N 60P | $6 / 60$ | 400 ma | VMP | MCE |  |  | 0 |
| 2N3298 | NS | 1018 | 101 | 25 v |  | 3 v | 100～A | 175C | 300 Mwt | 200M 6P | 60／120 | 1 OMA | VLP | MOE |  |  | 0 |
| 2N3299 | ns | 105 | 104 | 60 V | 30 V | 5 V | 500NA |  | 800 MWF | 250M 8P | 4C／120 | 150 MW | R MG | SGI | BSW54 | 2N2219A | 0 |
| 2＾3300 | ns | 105 | L04 | sov | 30 V | 5 V | 500 ma |  | 800 mwF | 250N 8P | 100 mN | 150 MA | RMG | SGI | BSW54 | 2N2219A | 0 |
| 2＾3301 | NS | 1018 | LCl | 60 V | 30 V | 5 V | 500mA | 180C | 360 MhF | 250 N 8 P | 40／120 | 150MA | RMG | SGI | BSW64 | 2N2222A | 0 |
| 2N33C2 | NS | 1018 | LCl | 60 V | 30 v | 5 v | 500 Na | 180C | 30 CMhF | 250 M ¢P | 100 mN | 1 joma | RMG | SCI | BSW64 | 2N2222A | 0 |
| 2N3303 | AS | 105 | LC4 | 25 V | 12 v | 4 v | 14 | 175 C | GOON．NF | 450 M 15 P | 30／120 | 200MA | vos | SGI | BS×59 | 2N3725 | 0 |
| 2N3304 | PS | 1018 | LCl | $\in \mathrm{V}$ | 6 V | 4 V | 200～A | 20CC | 300 MhF | SOON 3P5 | 30／120 | 10 mA | VLS | NAT | BSW25 | 2N3546 | 0 |
| 2＾3307 | PS | 1072 | L06 | 40 V | 35 V | 3 V | jona | 200c | 300 mmF | 300 M 1 P 3 | $40 / 250$ | 2 MA | VLG | MCB | BF487 |  | 0 |
| 2N33C8 | PS | 1072 | LCE | 30 V | 25 V | 3 v | 5 CmA | 100C | 30 CNWF | 330 N 1P6 | 25／250 | 2 MA | VLG | MOB | BF497 |  | － |
| 2N3309 | NS | 1039 | L04 | 50 V | 30 v | $3 v$ | goona | 175 C | 1 WF | 300M 10 P | 5／100 | 30 mA | vrd | SEU |  |  | 0 |
| 2 n 311 | $P G$ | 1036 | 113 | v | 20 V | 2 CV | 5 A | 1100 | 170wC | 60k | $60 / 120$ | 3 A | AHG | m0B | AC 212 | 2N1100 | 0 |
| 2N3312 | $P G$ | 1036 | L13 | 45 V | 30 V | $25 v$ | 5A | 110 C | 17 ChC | 60k | $60 / 120$ | 3 A | AHG | MOE | ADC 12 | 2N1100 | 0 |
| 2N3313 | PG | 1036 | L13 | 60 V | 40 V | 30 V | $5 \Delta$ | 1100 | 170 hc | 60k | 60／120 | 3 A | AHG | MCE | ACL12 | 2N1100 | 0 |
| 2A3314 | PG | TC3t | 113 | 30 V | 20 V | 20 V | 54 | 110C | 170 WC | 100K | 100 mN | 34 | AHG | MCB | ADI 12 | 2N1100 | 0 |
| 2N3315 | ${ }^{\text {PG }}$ | r03t | L13 | 45 v | 30 V | 25 V | 54 | 110 C | 170 WC | 100k | 100 mN | $3 \Delta$ | AHG | MOB | ADL12 | 2N1100 | － |
| 2N3316 | $P G$ | 1036 | 113 | 6 CV | 4 CV | 3 CV | 5 A | 1100 | 170 WC | 100k | 100 MN | 3 A | AHG | MOB | ACL12 | 2N1100 | c |
| 2N3323 | PG | 1018 | LC1 | 35 v |  | 3 V | 1 COMA | 100 C | 15 CMmF | 200N 3P | 30／200 | 3 MA | VLG | NOB | AF106 |  | 0 |
| 2N3324 | PG | 1018 | LO1 | 35 V |  | 3 v | 100 ma | 100 | 150 MwF | 2004 3P | 30／200 | 3 MA | VLG | MOB | AFIJ6 |  | 0 |
| 2N3325 | ${ }^{\text {PG }}$ | 1018 | LCl | 35 V |  | 3 V | l00 ma | 100C | 150 MWF | 200M 3P | 30／200 | 3 NA | VLG | MOB | AF 106 |  | 0 |
| 2N3326 | ns | 105 | L04 | 60 V | 45 V | 5 V | gooma | 175C | 800 NWF | 253M 8P | 40／120 | 150 mA | RMG | IIB | BSWう4 | 2N2219A | 0 |
| 2N3328－36 | FE |  |  |  |  |  |  |  |  |  |  |  | FET |  |  |  | 0 |
| 2N3347－52 | P S |  |  |  |  |  |  |  |  |  |  |  | OUA | SEU |  |  | C |
| $\begin{aligned} & 2 N 3353-64 \\ & 2 N 3365-70 \end{aligned}$ | $\begin{aligned} & \text { TH } \\ & \text { FF } \end{aligned}$ |  |  |  |  |  |  |  |  |  |  |  | $\left\|\begin{array}{l} \operatorname{IHY} \\ \mathrm{EFG} \end{array}\right\|$ |  |  |  | O |
| 2＾3375 | AS | 1060 | 161 | 65 V | 40 V | 4 V | 500 ma | 2000 | 12WC | 250N 1CP | 10MN | 2SOMA | UMP | MOB |  |  | － |
| 2N3376－87 | FE |  |  |  |  |  |  |  |  |  |  |  | FET |  |  |  | 0 |
| 2N3390 | NS | 1098 | L21 | 18 V | 18 V | 5 V | 100ms | 1250 | 200 MWF | $70 \mathrm{M} \mathrm{12P}$ | 40 MN | 2 MA | ALN | GEU | PBCIC9 | 2N6008 | 0 |
| 2N 3391 | NS | 1098 | L21 | 25 V | $25 v$ | 5 V | 100 ma | 1256 | 200 NFF | $70 \mathrm{M} \mathrm{12P}$ | 250 mN | 2 MA | AlN | GEU | PBC109 | 2N6008 | 0 |
| 2N3391A | NS | 1098 | 121 | 25V | $25 v$ | 5 V | looka | 125 C | 200 MmF | 70～12P | 250 NN | 2 Na | ALN | GEL | PBCl09 | 2N6008 | 0 |
| 2N3392 | NS | T098 | L21 | 25 V | 25 V | 5 V | 100 mA | 1256 | 200 MHF | 70～ 12 P | 150 MN | 2MA | ALN | GEU | PBC 109 | 2N6008 | 0 |
| 2N3393 | NS | 1098 | L21 | 25 V | 25 v | 5 v | 100 ma | 125 C | 20 cmhF | 70 M 12 p | 90／400 | 2 MA | ALG | GEU | PaClo7 | 2N5309 | 0 |
| 2N3394 | ns | 1098 | 121 | 25 V | 25 V | 5 v | 100NA | 125 C | 200 MWF | $70 \mathrm{M} \mathrm{12P}$ | 55／300 | 2MA | ALG | GEU | PBC107 | 2N5309 | 0 |
| 2N3395 | AS | 1098 | L21 | 25 V | 25 V | 5 V | 100 ma | 1250 | 200MwF | 10 P | 150 MN | 2 MA | ALN | GEU | PBC 109 | 2N6008 | 0 |
| 2N3 396 | NS | 1098 | L21 | 25 V | 25 V | 5 V | 100 mA | 125 C | 20 CNWF | 60 N 10 P | 90 mN | 2 MA | ALG | GEU | PBC107 | 2N5309 | 0 |
| 2N3397 | NS | T098 | L21 | 25 V | 25 v | 5 V | 100NA | 125C | 20 CMWF | 60 N 10 P | 55／800 | 2 MA | ALG | GEU | PBC107 | 2N5309 | 0 |
| 2N 3398 | NS | 1098 | L21 | 25 V | 25 v | 5 v | 100 ma | 1256 | 200MWF | GOM 10 P | 55 MN | 2 MA | ALG | SEU | PBC107 | 2N5309 | 0 |
| 2N3402 | NS | T092h | 114 | 25 V | 25v | 5 v | 500 NA | $150 C$ | 560 MhF |  | 75／225 | 2MA | AMG | SEU | BFY50 | 2N2297 | 0 |
| 2＾3403 | As | 1092H | 114 | 25 V | 25 V | sv | 500ma | 1500 | 560 MWF |  | 180 MN | 2 MA | AMG | SEU | BFY50 | 2N2297 | 0 |
| 2A3404 | NS | T092H | L14 | 50 V | 50 v | 5 V | 500ma | 150C | 56 CMhF |  | 75／225 | 2 MA | AMG | SEU | BFY50 | 2N2297 | － |
| 2N3405 | NS | TOY2H | L14 | 50 V | 50 v | 5 v | 500 Na | 150 C | 50 CMmF |  | 180 mN | 2 MA | AMG | SEU | BFY50 | 2N2297 | － |
| 2N3406 | UJ |  |  |  |  |  |  |  |  |  |  |  | UJT |  |  |  | 0 |
| 2N3414 | NS | 1098 | L21 | 25 V | $25 v$ | 5 V | 50 CmA | 175 C | 36 CMmF |  | 75／225 | 2 Na | ANG | GEL | BCh36 | 2N3704 | 0 |
| 2N3415 | NS | 1098 | L21 | 25V | 25 v | 5 V | 500 Na | 1756 | 360 NmF |  | 180 mN | 2 Na | AMG | GEU | BCh36 | 2N3704 | c |
| 2N 3416 | NS | 1098 | L21 | 50 V | 50 V | $5 v$ | 500 mA | 1750 | 36 CMWF |  | 75／225 | 2 MA | AMG | GEU | BCW36 | 2N3704 | 0 |
| 2N3417 | NS | 1098 | L21 | 50 V | 50 v ． | 5 V | 500 Ma | 175 C | 300 MmF |  | 100 Mn | 2 MA | Ang | GEU | BCW 36 | 2N3704 | 0 |
| 2＾3418 | As | 105 | 104 | 85 V | 60 V | 8 V | 3 A | 2000 | 1 WF | 40N 20P | 20／60 | 14 | aHg | TIS | BSV64 | 2N4877 | 0 |
| 2＾3419 | NS | 105 | L04 | 125 V | 80 V | 8 V | 3 A | 2006 | 1.5 | 40 N 20 P | 20160 | 14 | AHG | TIE | BSV64 | 2N4877 | c |
| 2N3420 | NS | 105 | L04 | 85 V | 60 V | 8 V | 3 A | 200 C | 1 hF | 40 N 20 P | 40／120 | 1 A | AHG | TIP | BSV64 | 2N4877 | － |
| 2N 3421 | NS | T05 | LC4 | 125 V | 80 V | 8 v | 34 | 200 C | IWF | 40 M 20P | 40／120 | 14 | AHG | Ji8 | BSV64 | 2N4877 | － |
| 2N3422 | TH |  |  |  |  |  |  |  |  |  |  |  | thy |  |  |  | 0 |
| 2N3423－24 | As |  |  |  |  |  |  |  |  |  |  |  | DUA | MCB |  |  | c |
| 2N3425 | NS |  |  |  |  |  |  |  |  |  |  |  | CLA | NOE |  |  | c |
| 2N 3426 | NS | 105 | L04 | 50 V | 30 V | 6v | 200 cma | 175 C | 600 MmF | 4504250 | 30／120 | 3 COMA | VNS | SGI | BSx¢9 | 2N 3725 | 0 |
| 2N3427 | PG | 105 | LC4 | 45 V | 30 V | 30 V | 50CNA | 100 C | 200 MWF | $4 \mathrm{M} \mathrm{2CP}$ | 75 MN | 2 Cona | RMS | MCB | ASY27 | 2N1305 | 0 |
| 2N3428 | PG | 105 | 104 | 45 V | 3 CV | 30 V | 500 ma | 100 C | 200 NaF | 5 M 20 P | 125 MN | 200ma | RMS | мов | ASY27 | 2N130ヶ | 0 |
| 2ヘ3436－38 | FE |  |  |  |  |  |  |  |  |  |  |  | FET |  |  |  | 0 |
| 2＾3439 | NS | 105 | LC4 | 4bov | 350 v | $7 v$ | 1 A | 200C | 1WF | 15M 10P | 40／160 | 4 CNA | AME | NCB | Burgo | 2N3439 | 0 |
| 2N3440 | NS | 105 | 104 | 300 V | 250 v | $7 v$ | 14 | 2000 | 1 wF | 15 M ICP | 40／160 | 4 CNA | ANE | RCU | BuY 60 | 2N3439 | 0 |
| 2N3441 | AS | 1066 | 143 | 160 V | 140 V | $7 v$ | $3 \Delta$ | 2006 | 25 hC | 200k | 25／100 | 500 MA | AHH | SES | BDY72 | 2N3441 | － |
| 2N3442 | ns | 103 | 105 | 16 CV | 140 V | $7 v$ | 10 A | 2000 | 117wC | 500k | 20170 | 3 A | AHH | MLS | 8 Cx 11 | 2N3442 | c |
| 2N3444 | NS | T05 | LO4 | 80 V | 50 V | 5 v | 1 A | 175C | 1 lnF | 150 M 12 P | 20160 | 5coma | VNS | SGI | 8 $5 \times 59$ | 2N 3444 | 0 |
| 2＾3445 | NS | 103 | LC5 | 80 V | 60 | 6 v | $7 \mathrm{7A}$ | 200 C | 115 WC | 10M400P | 20160 | 3 A | RHG | MCA | BDY24 | 2N3448 | 0 |
| 2N3446 | NS | 103 | L05 | 100 V | 8 CV | 10 V | $7 \mathrm{7a}$ | 200c | 115 WC | 10M400P | 20160 | 3 A | RHG | мов | BDY 24 | 2N3448 | 0 |
| 2N3447 2N3448 | NS | 103 103 | LC5 | sov 100 V | tov | 6 V | 7 A | 2000 | 115hC | 10n400P | 40／120 | 5 A | RHg | mos | B0Y24 | 2N3448 | 0 0 0 |


| TRANSISTOR NUMBER | $\left\lvert\, \begin{gathered} \text { PM } \\ \text { OA } \\ \text { IT } \end{gathered}\right.$ | PACK－ AGE | $\begin{array}{\|l\|} \hline \text { LEAD } \\ \text { INFO } \end{array}$ | VCB MAX | $\begin{gathered} \text { VCE } \\ \text { MAX } \end{gathered}$ | $\begin{aligned} & \text { VEB } \\ & \text { MAX } \end{aligned}$ | ${ }^{\mathbf{I}} \mathbf{C}$ MAX | $\begin{gathered} \mathrm{T} \\ \mathrm{MAX} \end{gathered}$ | TOT | $\begin{array}{ll} F & C_{O B} \\ \text { MIN } & \text { MAX } \end{array}$ | $\mathbf{H E}_{\mathbf{F E}}$ | $\begin{gathered} \mathrm{H}_{\mathrm{FE}} \\ \text { BIAS } \end{gathered}$ | USE | MFR | EURO EQVT． | USA EQVT． | iss |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2N3451 | PS | 1018 | LCl | 6 V | 6 V | 4 V | 200MA | 2006 | 30 CNhF | 500＊5P5 | 30／120 | 10MA | VLS |  | BSW25 | 2N3546 | 0 |
| 2N3452－6C | FE |  |  |  |  |  |  |  |  |  |  |  | FET |  |  |  | 0 |
| 2N3465－66 | FE |  |  |  |  |  |  |  |  |  |  |  | FET |  |  |  | 0 |
| 2N3467 | PS | 105 | 104 | 40 V | 40 V | 5 v | 14 | 2000 | 1 l | 175M 25P | 40／120 | 50 cma | ANG | мов | BFS95 | 2N4036 | 0 |
| 2N3468 | PS | 105 | 104 | 50 V | 50 V | 5 V | 1 A | 2006 | 1 n | 150 M 25 P | 25／75 | 500 mA | vas | MOB | － | 2N3468 | 0 |
| 2N3479－84 | UJ |  |  |  |  |  |  |  |  |  |  |  | T |  |  |  | 0 |
| 2N3485 | $P \subseteq$ | $104 \epsilon$ | 101 | 60 V | 40 V | 5 V | 600 ma | 200C | 40 CMinF | $200 \mathrm{M} \mathrm{8P}$ | 40／120 | 15 CMA | RMG | MOR | BSW24 | 2N2907A | $1{ }^{0}$ |
| 2N3485A | PS | 1046 | LO1 | 60 V | 60 V | $5 v$ | 600NA | 200 C | 400 MWF | 200M 8P | 40／120 | 150 ma | RMG | MOA | BSW24 | 2N2907A | 0 |
| $2 N 3486$ | Ps | 1046 | L01 | 60 V | 40 V | 5 V | 600 MA | 2000 | 400 MivF | 200 M 3 P | 100 mN | 150 MA | RMG | MOB | BSW24 | 2N2907A | － |
| 2N3486A | PS | 1046 | LCl | 60 V | 60 v | 5 V | 600 mA | 20 CC | 400 NmF | 200 8 P | 100 mN | 150 mA | RNG | mot | BSW24 | 2N2907A | 0 |
| 2N3487 | NS | 1061 | 146 | 80 V | 60 V | 10 V | 7 A | 2000 | 117 WC | 10M550P | $20 / 60$ | 3 A | RHG | NOB | BCY63 | 2N1725 | 0 |
| 2N3488 | NS | 1061 | 146 | 100 V | 80 v | 10 V | 74 | 200 C | 117 hC | $10 \mathrm{MS50P}$ | 20／60 | 34 | RHH | MOB | B0Y63 | 2N1725 | 0 |
| 2N3489 | AS | r061 | 146 | 120 V | 100 V | 10 V | 74 | 2000 | 117WC | 10M550P | 15／45 | 34 | R | MCB | 30 63 | 2N1725 | 0 |
| 2N3490 | as | 1061 | 146 | 80 V | 60 V | 10V | 7 A | 2000 | 11 NWC | 10M550P | 40／120 | 5 A | RHG | MOB | B0Ys 3 | 2N1725 | 0 |
| 2N3491 | NS | 1061 | 146 | 10 CV | 80 v | 10v | 7 A | 2 COC | 117 hc | 10rs50p | 40／120 | 5 A | RHH | MOE | BCY63 | 2N1725 | 0 |
| 2N3492 | $\wedge S$ | 1061 | 146 | 120 V | 100 v | 10 V | 78 | 2000 | 117 WC | 10M550P | 30：90 | $5 \Delta$ | H | MCB | E0Y63 | 25 | 0 |
| 2N 3494 | PS | 105 | LC4 | 80 V | 8 CV | 4 V | 100MA | 2000 | 600 MWF | 200 M 7 P | 40 mN | 50Na | ALH | MOB |  | 928 | 0 |
| 2N3495 | PS | 105 | LC4 | 120 V | 120v | 4 V | 100 ma | 2006 | 600 MhF | 153N 6P | 40 NN | 0 ma | ALH | not |  | 928 | 0 |
| 213496 | PS | T018 | L01 | 80V | 80 V | 4 V | ICOMA | 2000 | 40 ckm | 230～7P | 40 mN | 50 MA | ALH | MCB | BSV68 | 2N3497 | 0 |
| 2N3497 | PS | 1018 | LCl | 120 V | 120 V | 4 V | 100ma | 175 C | 40 CMWF | 150M 6P | 40 MN | 1 CMA | ALH | NOB | BSVGe | 2N3497 | 0 |
| 2N3498 | $\wedge S$ | ros | LC4 | 100 V | 100 v | 6 V | S00Na | 2006 | inF | 150M ICP | 40／120 | 150 MA | ANH | MC8 | BSw66 | 93 | 0 |
| 2N3499 | As | tos | L04 | 10 CV | 100 V | ov | 500 ma | 200 C | 1 WF | 150 M 10 P | 100 mN | 150 Ma | AMH | MOB | Wh6 | 2N1893 | 0 |
| 2N3500 | NS | 105 | LC4 | 150 V | 150 V | ov | 30 cma | 2000 | 1 hF | 150N 8P | 40／170 | 150 ma | ANE | moe | BSW67 | 2N568？ | 0 |
| 2N3501 | NS | 105 | L04 | 150 V | 150 V | 6 V | 300Na | 2006 | 1 WF | 153 ${ }^{\text {\％}} \mathrm{P}$ | 100 MN | 150 MA | AME | Moe | BSW57 | 2N 5682 | 0 |
| 2A35C2 | PS | IC5 | LC4 | 45 V | $45 v$ | 5 v | 600 ma | 180C | 700 NWF | 200M 8P | 115 MN | SCMA | RME | SGI | BSW54 | 2N2219A | 0 |
| 2N3503 | PS | 105 | LC4 | tov | GOV | 5 V | GOCNA | 180 C | 700M4F | 200～ 8 F | 115 N | $\cdots$ | G | SGI | ESW54 | A | 0 |
| 2＾3504 | PS | rCl 8 | LCl | 45 V | 45 V | 5 V | 600 ma | 1806 | 400 MinF | 203 8 F | 115 M | 50 ma | MG | SGI | BSW24 | 7 A | 0 |
| 2N3505 | PS | 1018 | LCl | 6 CV | 60 V | 5 V | 600ma | 180 C | 40 CmmF | 200 N 8F | 115 MN | soma | G | SG I | BSW14 | 74 | 0 |
| 2N3506 | NS | 1039 | L04 | oov | 40 V | 5 V | 3 A | 200C | 1 hF | GOM 40P | 30／150 | 1500 MA | vas | MCA | 8S×59 | 2N3725 | 0 |
| 2N3507 | AS | 1039 | LC4 | 80 V | Sov | 5 V | 3 A | 2000 | 1WF | G0， 40 P | 40／200 | 15 COMA | VMS | MOB | BS×58 | 2N3725 | 0 |
| 2N3508 | NS | 1046 | LO1 | 40 V | 20 V | 6 V | CMA | 2000 | 40 CNiF | 500 N 4 P | 40／120 | ma | S | NOE | BS $\times 20$ | 2N2369 | 0 |
| 213509 | NS | 1046 | LOL | 40 V | 20 V | 6 V | 500 Na | 2000 | 400 MWF | 500N 4 P | 100 MN | 10 ma | UMS | MCB | BS $\times 20$ | 2 N | 0 |
| 2N3510 | As | 1018 | LC1 | 40 V | 10 V | 6 V | 500 mA | 2 COC | 36 cmw | 350 M 4 P | 25／150 | 15 CMA | VLS | NOB | $35 \times 20$ | 2N2369 | 0 |
| 2N3511 | NS | 1018 | L01 | 40 V | 15 V | 6 V | 500 MA | 200 C | 3004 wF | 45044 P | 30／120 | lsoma | VLS | MOE | BS $\times 20$ | 2N2369 | 0 |
| 2N3525 | TH |  |  |  |  |  |  |  |  |  |  |  | thy | SEL |  |  | 0 |
| 2＾3526 | NS | 105 | LC4 | 130 V | 120 V | 5 v | 200 mA | 1750 | 80 CNmF | 40N 12F | 30 NN | 3CNA | ANH | SGI | －Swós | 2N1893 | c |
| 2N3528－4 | TH |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | ， |
| 2N3544 | As | 1018 | LCl | 25 V |  | $3 v$ | ma | 1750 | 00 | 600M $2 P 5$ | 25 Mn | 1 CNA | P | MCB |  |  | 0 |
| 2N3045 | PS | 1018 | LCl | 20 V | 20 V | bv | 200ma | 2000 | 36.0 MmF | 25348 | 40／123 | 10 ma | RLS | NAT | BSW24 | 2N2907A | 0 |
| 2N3546 | PS | 1018 | LCL | 15 V | 12 v | $4 v$ | 20cma | 2006 | 360 MmF | 700～6P | 30 MN | 10 Ma | ULS | MOE | 8Sw25 | $4 \epsilon$ | 0 |
| 2 | PS | T0 | LCl |  |  | 6 V | 100 MA | 175 | 40 CNm | 45M 8P | 100 | ina | ALG | NAT | BC177 | 5 | 0 |
| 2 N | Ps | 1018 | L01 | 60 V | 45 v | 6 V | 100 N |  | 400 | 6．）${ }^{\text {M }}$ 3P | 100 | 1 CUA | Aln | nat | BC179 | 965 | 0 |
| 2N3 | PS | 1018 | LC1 | 60 V | GOV | 6 V | 100ma | 1750 | 400 | GOM GP | 100 M | loua | AL | NAT | BC179 | 2N3965 | 0 |
| 2N 3550 | PS | 1018 | L01 | 60 V | 45 V | 1 CV | 100 ma | 1756 | 400 NaF | S0M 8P | 200 mN | 10UA | aln | NAT | BC179 | 2N3965 | 0 |
| 2N3553 | NS | 103s | LC4 | 65 V | 40 V | 4 V | 1 A | 2006 | 7 hC | 250N 10F | 10 NN | 2.50 NA | UMP | NOB |  |  | 0 |
| 2A 3555－62 | TH |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 0 |
| 2N3563 | Ns | T010t | 117 | 30 | 12 v | $2 v$ | SOMA | 1250 | WF | 6004 197 | 30／200 | IMA | VLA | FCU | $8 \mathrm{~B} \times 73$ | N918 | 0 |
| 2N3564 | As | T0168 | 117 | 30 V | 15 v | 4v | 100ms | 1256 | 200 MmF | 40 On 3P5 | 20／500 | 15 MA | VLA | FCU | BF X 73 | 20918 | 0 |
| 2 N, | as | rol06 | L17 | 30 V | 25 v | 6 V | j0MA | 1250 | 200 M | $40 \mathrm{~N} \quad 4 \mathrm{P}$ | 70 MN | IJOUA | ala | SGI | RC209 | 2N4967 | 0 |
| 2N3566 | NS | TC105 | LC4 | 40 V | 30 V | bv | 20 cma | 1250 | 30 CNW | $4 \mathrm{JN} \rightarrow 5 \mathrm{P}$ | 150 NN | ICMA | ALG | SG I | BC107 | A157 | 0 |
| 213567 | As | IC105 | LC4 | 80 | 40 v | 5 V | 500 NA | 1250 | 300 MaF | 6．un 200 | 40／120 | 150 MA | AMC | SGI | PFYSC | 2N2271 | 0 |
| 213568 | NS | 10105 | 104 | 80 V | 60 | 5 V | 500 ma | 1256 | 300 MmF | 60M 209 | 40／120 | 150 MA | $A^{N G}$ | SG I | BFYヶ0 | 2N2297 | 0 |
| 2N3569 | NS | T01C5 | L04 | 80 V | 40 V | 5 v | 500 ma |  | 30 CmF | GJN 20 P | 100 NN | 150 Na | $A^{\prime} \mathrm{N}$ | SGI | BFY50 | 2N2297 | 0 |
| 213570 | NS | 1072 | L06 | 30 V | 15 V | $3 v$ | jom | $200 C$ | 2 CCMmF | $1500 \mathrm{Nap75}$ | 20／150 | 5 ma | UL A | SEU |  |  | $\checkmark$ |
| 2N3571 | NS | 1072 | LCE | 25 V | 15 V | 3 v | $\bigcirc \mathrm{CMA}$ | 2000 | 200 NWFL | 1200MOP85 | 201200 | SNA | ULA | SEU |  |  | 0 |
| 2N3572 | ns | 1072 | LC6 | 25 V | 13 V | 3 V | 50 NA | 2000 |  | P85 | $20 / 300$ | 2 N | ULA | SEL |  |  | 0 |
| 2N3573－75 | FE |  |  |  |  |  |  |  |  |  |  |  | FF T |  |  |  | 0 |
| 2A 3576 | PS | 1018 | LCl | 20 V | 15 v | 5 V | 200 ma | 20 CC | 36 CNWF | 400～4P5 | 40／120 | 1 CMA | VLS | NOU | BSW25 | 2N354 | 0 |
| 2N3578 2＾ 2605 | FE |  |  |  |  |  |  |  |  |  |  |  | FET |  |  |  | i） |
| 2＾36C5 | AS | 1098 | 121 | 18 V | 14 V | bv | 200MA | 100 C | MaF | 300M 68 | 30 m | lCNA | VLS | SEL | $85 \times 20$ | 2N2369 | 0 |
| 2N3606 | N | 1098 | L21 | 18 V | $14 v$ | 5 V | 200Ms | 10 CC | 200 MnF | 300 6 P | 30 NN | 10Na | VLS | SEL | BS $\times 20$ | 2N2369 | 0 |
| 2ヘ3607 | NS | 1098 | L21 | lev | 14 V | 5 v | 200NA | 100 C | 200 MmF | 300 NSP | 30 mN | 10 MA | VLS | SEL | B5 $\times 20$ | 2N2369 | $\bigcirc$ |
| 2N36C8－10 | FE |  |  |  |  |  |  |  |  |  |  |  | FET |  |  |  | 0 |
| 2N3611 | PG | T03 | L05 | 40 V | 25 v | 20 V | 15A | 1100 | 77 hC | 300 K | 35／70 | 34 | AHG | MCE | ASL16 | 2N1536 | $\bigcirc$ |
| 2N3612 | PG | roz | LC5 | 60 V | $35 v$ | 3 cv | 15 A | 1100 | 77 WC | 300k | $35 / 70$ | 3 A | AHE | MOB | ASL16 | 2N1536 | 0 |
| 2N3613 | PC | 103 | LCS | 4 CV | 25 V | 20 V | 15A | 1106 | 77 WC | 300K | 60／120 | 3 A | $\triangle H G$ | NOE | ASC16 | 2N153t | 0 |
| 2N3614 | PG | T03 | L05 | 60 V | 35 v | 30 V | 15A | 1100 | 77 WC | 300 K | $50 / 120$ | 3 A | AHG | $\sim \sim$ | ASZ16 | 2N1536 | 0 |
| 2N 3615 | PG | roz | LC5 | 8 CV | 5 CV | 40 V | 15 A | i10C | 77 TL | 300k | 30／60 | 34 | AHH | NCS | ASL15 | 2N1533 | 0 |
| 2N3616 | PG | 103 | L05 | 100 V | 75 V | 50 V | 154 | 1100 | 77 WC | 30 JK | 30160 | 3 A | AHH | 403 | AS215 | 2N1533 | 0 |
| 2N3617 | PG | 103 | LC5 | 80 V | 50 v | 40 V | 15A | 1100 | 77 nc | 300 K | 45／90 | 3 A | AHH | MCB | AS215 | 2N1533 | 0 |
| 2N3618 | $P G$ | 103 | LOS | 10 CV | $75 v$ | 50 V | 15A | 1100 | 77 mC | 300k | 45／90 | 3 A | AHH | NOB | ASL 15 | 2N1533 | 0 |
| 2N 3631 | FE |  |  |  |  |  |  |  |  |  |  |  | FET |  |  |  | 0 |
| 2N3632 | $n s$ | 1060 | $L \in 1$ | 65 V | 40 v | 4 V | 3 A | 200 C | 23 WC | 200M 20P | 10 mN | 250 NA | UMP | MCB |  |  | 0 |
| 2N3634 | PS | 105 | 104 | 14 CV | 140 V | 5 V | 1 A | 200 C | 1 A | 150 M 10 P | $50 / 150$ | 50 Ma | AME | MOB |  | 2N3637 | 0 |
| 2N3635 | PS | 105 | 104 | 140 V | 140 V | 5 V | 1 A | 200 C | $1 \Delta$ | 200～10P | 100 mN | 50 ma | AME | MOB |  | 2N3637 | 0 |
| 2N3636 | Ps | 105 | LC4 | 175 V | 175 V | 5 V | 1 A | 200 C | 14 | $150 \mathrm{M} \mathrm{10P}$ | 50／150 | 万CMA | AME | $\cdots$ |  | 2N3637 | 0 |
| 2N 3637 | PS | 105 | L04 | 175 V | 175 V | 5 V | 1 A | 2000 | 14 | 20JM 10 P | 100 mN | 50 Ma | AME | M0B |  | 2N3637 | 0 |
| 2N3638 | PS | 10105 | L04 | 25 V | 25 v | 4 V | 500NA |  | 300 MWF | $100 \mathrm{M} \mathrm{20P}$ | 30 MN | 50 MA | AMG | SGI | BFS 95 | 2N4036 | 0 |
| 2N3638A | PS | 10105 | L04 | 25 V | 25 V | 4 V | 500 MA 80 MA | 1250 | 300 MWF 200 MwF | $\begin{array}{ll}150 \mathrm{M} & 10 \mathrm{P} \\ 500 \mathrm{M} & 3 \mathrm{P}\end{array}$ | 100 MN $0 / 120$ | 10 MA | RMG | SGI | BFX29 <br> BSW25 | 2N2905A 2N3546 | A |


| TRANSISTOR NUMBER | $\left\|\begin{array}{c} \text { PM } \\ \mathbf{O A} \\ \mathbf{L T} \end{array}\right\|$ | $\begin{array}{r} \text { PACK- } \\ \text { AGE } \end{array}$ | $\left\|\begin{array}{c} \text { LEAD } \\ \text { INFO } \end{array}\right\|$ | $\begin{aligned} & \text { VCB } \\ & \text { MAX } \end{aligned}$ | $\begin{aligned} & \text { VCE } \\ & \text { MAX } \end{aligned}$ | $\begin{aligned} & \text { VEB } \\ & \text { MAX } \end{aligned}$ | ${\underset{\text { MAX }}{\mathbf{c}}}^{\mathbf{c}}$ | $\underset{\text { MAX }}{\mathbf{T}}$ | TOT | $\begin{array}{ll} F & C_{08} \\ \text { MIN } & \text { MAX } \end{array}$ | $H_{F E}$ | $\begin{gathered} \mathrm{H}_{\mathrm{FE}} \\ \text { BIAS } \end{gathered}$ | USE | MFR | $\begin{aligned} & \text { EURO } \\ & \text { EQVT. } \end{aligned}$ | USA EQVT. | ISS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2^3640 | PS | T0105 | 104 | 12 V | 12 V | 4 V | 80 MA | 125 C | 200MWF | 500M 3P5 | 30/120 | 10 MA | VLS | FCU | BSW25 | 2N3546 | 0 |
| 2N3641 | NS | 10105 | 104 | 60 v | 30 V | 5 V | 500MA | 125 C | 350MWF | 250M 8P | 40/120 | 150 MA | RMG | SG I | BSH54 | 2N2219A | 0 |
| 2N3642 | NS | 10105 | L04 | 60 V | 45 v | 5 V | 500 MA | 125C | 350 MwF | 150M 8P | 40/120 | 150 MA | AMG | FCU | BFY50 | 2N 2297 | 0 |
| 2N3643 | NS | 10105 | L04 | 60 V | 30 V | 5 V | 500 MA | 125 | 350MWF | 250M 8P | 100 MN | 150 MA | RMG | SGI | BSW54 | 2N2219A | 0 |
| 2N3644 | PS | T0105 | L04 | 45 V | 45 v | 5 V | 500 MA | 1256 | 300 MWF | 200M 8P | 115 MN | 50 MA | RMG | SG I | BFX29 | 5 A | 0 |
| 2N3645 | PS | T01C5 | 104 | 60 V | cov | 5 V | 500 MA | $125 C$ | 300 MWF | 200M 8P | 115 MN | 50 MA | RMH | SGI | BF×29 | 2905A | 0 |
| 2N3646 | NS | 10106 | 117 | 40 V | 15 V | 5 V | 200MA | 1256 | 200 MWF | 350M 5P | 30/120 | 30 MA | RLS | SGI | BSX20 | N2369 | 0 |
| 2N3647 | NS | 1046 | 101 | 40 V | 10 V | 6 V | 500 MA | 2006 | 400M WF | 350 M 4 P | 25/150 | 150 MA | VLS | MOB | BS $\times 20$ | 2N2369 2N2369 |  |
| 2N3648 | NS | 1046 | 101 | 40 V | 15 V | 6 V | 500 MA | 2006 | 400 MWF | 450 M 4 P | 30/120 | 150 MA | VLS | MOB | BS $\times 20$ | 2N2369 | 0 |
| 2N3649-58 | TH |  |  |  |  |  |  |  |  |  |  |  | THY | SEU |  |  | 0 |
| 2N3662 | NS | 1098 | L21 | 18 V | 12 V | 3 V | 25MA | 125 C | 200 MWF | 700M 1P7 | 20 MN | 8MA | VLA | GEU | BF× 73 | 18 | 0 |
| 2N3663 | NS | 1098 | 121 | 30 V | 12 V | 3 v | 25 MA | 125 C | 200MWF | $700 \mathrm{M} \mathrm{1P7}$ | 20 MN | 8 MA | VLA | GEU | BF×73 | N918 | 0 |
| 2N 3664 | NS | 1039 | 104 | 60 V | 60 V |  | 500MA | 200C | 800 MWF | 300M | 8/80 | 50 MA | VMS | MOB | BSX59 | 25 | 0 |
| 2N3665 | NS | 1039 | L04 | 120 V | 80 V | 10V | 14 | 2006 | 800 MWF | 60 M 12 P | $40 / 120$ | 150 MA | AMH | SGI | BS W66 | 2N1893 | 0 |
| 2N3666 | AS | 1039 | 104 | 120 V | 80 V | 10 V | 1 A | 200C | 800 MWF | 60 N 12 P | IOOMN | 150 MA | AMH | SGI | B SW66 | 2N1893 | 0 |
| 2N3668-70 | TH |  |  |  |  |  |  |  |  |  |  |  | THY | RCU |  |  | 0 |
| 2N3671 | PS | 105 | 104 | 60 V | 50 V | 5 V | 600 Na | 180 C | 600 MWF | $\begin{array}{ll}200 \mathrm{M} & 9 \mathrm{P} \\ 200 \mathrm{M} & 9 \mathrm{P}\end{array}$ | $75 / 225$ $75 / 225$ | 150 MA | RMGG | SGI I | BFX29 BSW24 | 2N2905A | 0 |
| 2^3672 | PS | 1018 | 101 | 60 V | 50 V | 5 V | 600 mA 600 mA | 1800 | 400 MWF 350 MWF | 200M 9P | $75 / 225$ $75 / 225$ | 150 MA | RMG | FCU | BSW24 | 2N2907A | 0 |
| 2N3673 | PS | 1046 105 | L01 | 60 V 75 V | 50 V | 5 V 6 V | 600 MA 800 mA | 200 C | 800MMF | 250 M 8P | 40/120 | 15 CMA | RMG | FCU | BSW54 | 2N2219A | 0 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 0 |
| $\begin{aligned} & 2 N 3679 \\ & 2 N 3680 \end{aligned}$ | NS |  |  |  |  |  |  |  |  |  |  |  | CUA | TIE |  |  | 0 |
| 2N3684-87 | FE |  |  |  |  |  |  |  |  |  |  |  | FET |  |  |  | 0 |
| 2N3691 | NS | 10106 | 117 | 35 V | 20 V | 4 V | 30 MA | 125C | 200 MWF | 200M 3P5 | 40/160 | 10 MA | ALG | nat | BC237 | 2N5825 | 0 |
| 2N3692 | NS | 10106 | 117 | 35 V | 20 V | 4 v | 30 MA | 1250 | 200 MWF | 200M 3P5 | 100 MN | 10 MA | ALG | NAT | BC237 | 2N5825 | 0 |
| 2^3693 | NS | 1010 | 117 | 45 V | 45 V | 4 V | 30 MA | 125 | 200MWF | 200M 6P | 40/160 | 10 MA | RLG | SG I | BSW64 | 2 A | 0 |
| 2N3694 | NS | 10106 | 117 | 45 V | 45 V | 4v | 30 MA | 125 C | 200 MWF | 200N 6P | 100 mN | 10 Ma | RLG | SGI | BSW64 | 2N2222A | 0 |
| 2N3695-98 | FE |  |  |  |  |  |  |  |  |  |  |  | FET |  |  |  | 0 |
| 2N 3700 | AS | 1018 | L01 | 140 V | 80 V | 7 V | 1 A | 200C | 500 MWF | 100M 12 P | 100MN | 150 mA | H | FCU | BSW66 | 2N3700 | 0 |
| 2N3701 | NS | 1018 | 101 | 140 V | 80 V | $7 v$ | 1 A | 2006 | 500 MWF | 80M 12P | 40/120 | 150 MA | AMH | FCU | BSW66 | 2N3700 | 0 |
| 2N3702 | ps | TO | 1 | 40 V | 25 V | 5 V | 200MA | 1500 | 60 | 100 M 12 P | 60 M | 50 MA | ALG | IIB | BC2121 | 2N5086 | 0 |
| 2^3703 | PS | 1092 | L21 | 50 V | v | 5 V | 200MA | 150 C | 360 | 100N 12 P | 30 M | 50 MA | ALG | T18 | BC212L | 2N5086 | 0 |
| 2N3704 | NS | 1092 | 121 | OV | OV | 5 V | 800 ma | 150C | 360 | 100 12 P | 300 MN | 50 MA | AMG | IIB | TIS9 | 2N | 0 |
| 2N3 | NS | 1092 | L21 | 50 V | 30 V | 5 V | 800 MA | 150C | 625 MWF | 100M 12P | 150 MN | 5 CMA | AMG | IP | TIS90 | 2N3704 | 0 |
| 2N3706 | NS | 1092 | L21 | 40 V | 20 V | 5 V | 800 MA | 150 C | 625 MWF | 100M 12P | 600 MN | 50 MA | AMG | TIB | TIS90 | 2N3704 | 0 |
| 2N3707 | $\wedge$ | r09 | L21 | 30 V | 30 V | 6 V | 30 MA | 150 C | 360 MmF | 100 N 10 P | 100 mN | 1 COUA | ALN | TIB | BC184L | 2N5210 | 0 |
| 2^3708 | NS | 1092 | L21 | 30 V | 30 V | 6 V | 30MA | 150C | 36 | 100M 10P | 45/660 | 1 MA | ALN | TIB | BC1842 | 2N5210 | 0 |
| 2N3709 | NS | 1092 | L21 | 30 V | 30 V | 6 V | OMA | 150C | 360 | 100 M 10 P | 45 Mm | 1 MA | ALG | TB | BC 182 L | 2N5209 | 0 |
| 2N3710 | ns | 1092 | 121 | 30 V | 30 V | 6 V | 30 MA | 150C | 360 MWF | 100M 10P | 90MN | 1 MA | ALN | IIB | BC184L | 2N5210 | 0 |
| 2N3711 | ns | 1092 | L21 | 30 V | 30 V | 6V | 30 MA | 150C | 360 mWF | 100 10 P | 180 MN | 1 MA | al | T1B | BC184L | 2N5210 | 0 |
| 12 | NS | 105 | 104 | 15 | 150 V | 5 V | 200 MA | 200 C | 1 w | 40* 9P | 30/15 | 30 MA | ALE | MOE | BF337 | 2N4927 | 0 |
| 2N3713 | As | 103 | L05 | 80 | 60 V | $7 v$ | 10A | 200 C | 50W | 4 M | 25/90 | 1 A | RHG | M 08 | B0Y23 | 2N3445 | 0 |
| 2N3714 | AS | 103 | 105 | 80 | 60 V | $7 v$ | 10 A | 200C | 150 WC | 4M | 25/90 | 1 A | RHG | MOB | BDY23 | 2N3445 | 0 |
| 2N3715 | NS | 103 | LC5 | 100 V | 80 V | 7 V | 10 A | 200 C | 150 hC | 4 M | $50 / 150$ | 1 A | R | MOE | BDY23 | 2N3445 |  |
| 2A3716 | ns | 103 | L05 | 100 V | 80 V | 75 | 10A | 2006 | 150 WC | 4 M | $50 / 150$ | 1 A | R | MOB | BDY23 | 2N3445 |  |
| 2N3719 | PS | 105 | L04 | 40 V |  | 4 | 3 A | 200C | 1 wf | 60M1 20P | 25/180 | 1 A | AHG | MOB | BSS44 | 2N3720 | 0 |
| 2N3720 | PS | T05 | 104 | 60 | OV | 4 V | 3 A | 200C | lwf | 60M120P | 25/180 | 1 A | AHC | MCB | BSS44 | 2N3720 | 0 |
| 2^3721 | NS | 1098 | L21 | 18 | 18 V | 5 V | 100 MA |  | 200 MWF | 12 P | 60/660 | 2 MA | ALG | GEU | BC182L | 2N3710 | 0 |
| an3722 | NS | 105 | 104 | 80 V | 60 V | 6 V | 500MA | 200 C | 800 MhF | 300 N 10 P | 40/150 | 100 MA | RNS | SGI | BSW54 | 2N2219A | 0 |
| 213723 | NS | 105 | L04 | 100V | 80 V | 6 V | 500 MA | 200C | 800 MFF | 300~ 9 P | 40/150 | 1 COMA | RMS | FCU | BSW54 | 2N2219 | A |
| 2N3724 | NS | 105 | 04 | 50 V | 30 V | 6 V | 500MA | 1750 | OMFF | 300M 12 P | 60/150 | 100 MA | Vms | SGI | $85 \times 59$ | 3444 | 0 |
| 2N3724A | AS | 105 | 104 | 50 V | 30 V | 6 V | 1200 Ma | 200C | 1 hF | 300 N 12 P | 60/150 | 100 MA | VLS | NAT | BSX59 | 2N3725 | 0 |
| 2^3725 | ns | 105 | 104 | 80 V | 50 V | 6 V | 500 ma | 1756 | 800 MNF | 300N 12 P | 60/150 | 100 MA | VMS | SEU | BS $\times 59$ | 2N3444 | 0 |
| 2A3725A | NS | 105 | L04 | 80 V | 50 V | 6 V | 1200 MA | 200C | 1 hF | 300N 12 P | 60/150 | 100 MA | VLS | NAT | BS× 59 | 2N3725 | 0 |
| 2N3726 | PS |  |  |  |  |  |  |  |  |  |  |  | dua | MOB |  |  | 0 |
| 2N3727 | PS |  |  |  |  |  |  |  |  |  |  |  | dua | MOB |  |  | 0 |
| 2N3733 | NS | 1060 | 161 | 65 V | 40 V | 4 V | 3 A | 2000 | 23 WC | 400~ 20 P | 5 MN | 500MA | UHP | MOB |  |  | 0 |
| 2^3734 | A.S | 105 | 104 | 50 V | 30 V | 5 V | 1500 ma | 175 C | 1 WF | 300M 9P | 30/120 | 1 MA | RLS | SGI | BSW54 | 2N22194 | 0 |
| 2N 2735 | NS | 105 | L04 | 75 V | 50 V | 5 V | 1500 MA | 200 C | 1WF | 250M 9P | 20/80 | 1 A | VMS | MOB | BSS14 | 2N3735 | 0 |
| 2N3736 | NS | 1046 | LO 1 | 50 V | 30 V | 5 V | 1500 ma | 200 C | 500 MWF | $250 \mathrm{M} \mathrm{9p}$ | 30/120 | 1 A | VMS | MOB | BSX59 | 2N3725 | 0 |
| 2N3737 | ns | 1046 | 101 | 75 V | 50 V | 5 V | 1500ma | 200 C | 500 MiF | 250M 9P | 20/80 | 1 A | vms | MOB | BS $\times 59$ | 2N3 725 | 0 |
| 2N3738 | NS | 1066 | 143 | 250 V | 225 V | 6 V | 3 A | 175C | 2 ChC | 10 N 20 P | $40 / 200$ | 100 MA | RHH | MOT |  | 2N3739 | 0 |
| 2N3739 | NS | 1066 | 143 | 325 V | 300 V | 6 V | 3 A | 175 C | 20 WC | 10 M | 40/200 | 100 MA | RHE | MOB |  | 2N3739 | 0 |
| 2N3740 | PS | 1066 | L43 | 60 V | 60 V | $7 v$ | 10 A | 200C | 25WC | $4 \mathrm{M100P}$ | 30/100 | 25 CMA | RHG | MOB | $8 \mathrm{DX14}$ | 2N3740 | 0 |
| 2N3740A | PS | 106t | 143 | 60 V | 60 V | $7 v$ | 10A | 200C | 25wC | $4 \mathrm{M100P}$ | 30/100 | 250 MA | RH | MOB | $8 \mathrm{DX14}$ | 2N3740 | 0 |
| 2N3741 | PS | 1066 | 143 | 80 V | 80 V | $7 v$ | 104 | 2006 | 25WC | 4 NLDOP | 30/100 | 250MA | RHH | MCB | B0×16 | 2N3741 | 0 |
| 2N3741A | ps | 1066 | 143 | 80 V | 80 V | $7 v$ | 10 A | 200 C | 25 WC | 4 N 100 P | 30/100 | 250 MA | RHH | MOB | B0x 16 | 2N3741 | 0 |
| 2N3742 | NS | 105 | L04 | 300 V | 300 V | $7 v$ | 50 MA | 200 C | 1 WF | 30M 6P | 20/200 | 30 MA | ALE | MOS | BF337 | 2N4927 | 0 |
| 2N3743 | PS | 1039 | LC4 | 300 V | 300 V | 5 V | 50 MA | 200C | 1wf | 30 M 15P | 25/250 | 30 MA | ALE | MCB |  | 2N3743 | 0 |
| 2N3753-61 | Th |  |  |  |  |  |  |  |  |  |  |  | THY |  |  |  | 0 |
| 2N3762 | $p s$ | 105 | L04 | 40 V | 40 V | 5 V | 12500 mA | 200C | 1 wF | 180 N 15 P | 30/120 | 1 A | VhS | MOB |  | 2N3763 | 0 |
| 2N3763 | PS | 105 | LC4 | 60 V | 60 v | 5 V | 1500 MA | 200 C | 1WF | 150 M 15 P | 20/80 | 1 A | VHS | MOB |  | 2N3763 | 0 |
| 2N3764 | PS | 1046 | 101 | 40 V | 40 V | 5 V | 1500 MA | 200 C | 500 MWF | 180M 15 P | 30/120 | 1 A | VHS | MOB |  | 2N3765 | 0 |
| 2N3765 | PS | 1046 | 101 | 60 V | 60 V | 5 V | 1500 MA | 200C | 500 MhF | 150 M 15 P | 20/80 | 1 A | VHS | MOB |  | 2N3765 | 0 |
| 2^3766 | nS | 1066 | 143 | 80 V | 60 v | 6 V | 4 A | 175C | 20WC | 10M 50P | 40/160 | 500 MA | AHC | MOB | B0Y79 | 2N5050 | 0 |
| 2N3767 | NS | 1066 | 143 | 100 V | 80 V | 6 V | 4 A | 175 C | 20 WC | 10N 50P | $40 / 160$ | 500 MA | AHH | mob | BDY79 | 2N5050 | 0 |
| 2N3771 | NS | 103 | L05 | 50 V | 40 V | 5 V | 30 A | 200 C | 150 WC | 200k | 15/60 | 10 A | AHH | MOB | $80 \times 40$ | 2N3712 | 0 |
| 2N3772 | AS | 103 | L05 | 100 V | 60 V | $7 v$ | 30A | 200C | 150 WC | 200k | 15/60 | 10 A | AHH | MOB | BDX40 | 2N3772 | 0 |
| 2N3773 | NS | 103 | L05 | 160 V | 140 V | $7 v$ | 30 A | 200 C | 150 wC | 200k | 15/60 | 8 A | АНН | MOB | $80 \times 50$ | 2N3773 | 0 |
| 2^3783 | PG | 1072 | L0 | 30 | 20 | ovs | 20 M | 100C | 150 M | $800 \mathrm{M} \mathrm{1P}$ | 20/200 | 3MA | UL A | MOB | F23 | 2N378 |  |


| TRANSISTOR NUMBER | $\begin{gathered} \text { PM } \\ \mathbf{O A} \\ \mathbf{I T} \end{gathered}$ | $\begin{aligned} & \text { PACK- } \\ & \text { AGE } \end{aligned}$ | $\left.\begin{array}{\|l\|l\|} \hline \text { LEAD } \\ \text { INFO } \end{array} \right\rvert\,$ | $\begin{aligned} & \text { VCB } \\ & \text { MAX } \end{aligned}$ | $\begin{array}{\|l\|l\|} \text { VCE } \\ \text { MAX } \end{array}$ | $\begin{aligned} & \text { VEB } \\ & \text { MAX } \end{aligned}$ | $\underset{\operatorname{MAX}}{\mathbf{I}}$ | $\underset{\text { MAX }}{\mathbf{T}}$ | тот | $\begin{array}{ll} F & C_{0 B} \\ \text { MIN } & \text { MAX } \end{array}$ | $H_{F E}$ | $\begin{gathered} \mathrm{H}_{\mathrm{FE}} \\ \text { BIAS } \end{gathered}$ | USE | MFR | $\begin{aligned} & \text { EURO } \\ & \text { EQVT. } \end{aligned}$ | USA EQVT． | ISS |
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| 2N3784 | PG | 1072 | 106 | 30 V | 20 V | Ovs | 20 MA | 100 C | 150 NmF | 700N 1F | $20 / 200$ | 3 MA | Ula | MOB | AF239S | 2N3783 | 0 |
| 2N3785 | $P \mathrm{PG}$ | 1072 | L06 | 15 V | 12 V | ovs | 20NA | 100C | 150 MWF | 700 N 1 P 2 | 15／200 | 3 MA | ULA | MOP | AF239S | 2N3783 | 0 |
| 2＾3789 | PS | 103 | L05 | 6 CV | 60 V | 7 V | 10A | 200C | 150 WC | 4M | 25／90 | 1 A | RHG | NOB | B0X18 | 2N3792 | 0 |
| 2N3790 | PS | 103 | L05 | 80 V | 80 V | $7 v$ | 10 A | $200 C$ | 150 WC | 4 M | $25 / 90$ | 1 A | RHH | MOB | BDX18 | 2N3792 | 0 |
| 2N3791 | PS | 103 | L05 | 60 V | 60 V | 7 V | 10 A | 200C | 150 WC | 4M | 50／150 | 1 A | RHG | MOB | $80 \times 18$ | 2N3792 | 0 |
| 2N3792 | PS | 103 | L05 | 8 CV | 80 V | $7 v$ | 1 CA | 2006 | 15 chC | 4 N | 50／150 | 1 A | H | Mot | BCx 18 | 2N3792 | 0 |
| 2N3796－97 | FE |  |  |  |  |  |  |  |  |  |  |  | FFT | MOE |  |  | 0 |
| 2N3798 | PS | 1018 | LCl | 60 V | 60 v | 5 V | 50 MA | 200 C | 360 MWF | 100M 4P | 100 mN | 1 CUA | ALN | M 08 | BC179 | 2N3965 | 0 |
| 2N3798A | PS | 1018 | 101 | 60 V | 60 V | 5 V | 50 MA | 200 C | 360 MWF | 100M 4P | 100 mN | 10UA | ALN | MOB | BC 179 | 2N3965 | 0 |
| 2N3799 | PS | 1018 | LCl | 90 V | gov | 5 V | 50 MA | 2006 | 360 MWF | 100N 4P | 225 MN | 100 UA | ALN | MOB | BC 179 | 2N3965 | 0 |
| 2N3759A | PS | 1018 | LCl | gov | sov | 5 v | 50 MA | 200C | 36 CNWF | $100 \mathrm{M} \mathrm{4P}$ | 225 MN | locua | $N$ | MOB | BC179 | 2N3965 | 0 |
| 2N38CO－17 | PS |  |  |  |  |  |  |  |  |  |  |  | DUA | MOU |  |  | 0 |
| 2N3818 | AS | T06C | LE1 | 60 V | 40 V | 4 V | 2 A | 175 C | 25 WC | 150M 40P | 5／50 | 400MA | VHP | MCB |  |  | 0 |
| 2N3819－24 | FE |  |  |  |  |  |  |  |  |  |  |  | FET | 118 |  |  | 0 |
| 2N3325 | NS | 1092 | Lくıl | 30 V | 15 V | 4 V | 100ma |  | 25 CNWF | 200N 3P5 | 20 NN | 2 MA | VLA | TA | BFX73 | 2N918 | 0 |
| 2N3827 | ns | 1092 | L21 | 60 V | 45 V | 4 V | 3 cma | 1250 | 360 MWF | 200M 4P | 100 mN | 1 CMA | ALG | IIU | BC182L | 2N371C | 0 |
| 2N3829 | PS | 1018 | L01 | 35 V | 20 V | 5 V | 200MA |  | 360 MNF | 350 M | 30／170 | 30 MA | RMS | 119 |  |  | 0 |
| 2N3830 | As | 105 | LC4 | 80V | 50 V | 5 V | 1200～A | 2006 | 1 hF | 200 N | 30 mN | 500 ma | RNH | TIB | BSW66 | 2N4CO1 | 0 |
| 2＾3838 | S |  |  |  |  |  |  |  |  |  |  |  | CUA | MOB |  |  | 0 |
| 213846 | NS | 1063 | L6C | 30 cv | 200 V |  | 204 | 200C | 150 hC | $10^{M}$ | $10 / 60$ | 1 CA | RHE | IIP |  |  | 0 |
| 2N3847 | As | 1063 | $L \in C$ | 400 V | 300 V |  | 20 A | 200C | 150WC | 10 M | 10／60 | 10 A | Rte | TIB |  |  | 0 |
| 2N3860 | As | 1098 | L21 | 30 V | 30 V | 4 V | l00ma | 1256 | 200 MWF | 90M 4 P | 150 MN | 2 Ma | ALN | GEU | BC184L | 2N3707 | 0 |
| 2N3866 | NS | 1039 | L04 | 55 V | 30 V | 3 Vb | 400 ma | $200 c$ | 5 WC | 500 N 3 P | 10／200 | 50 NA | UNP | MOB |  |  | 0 |
| 213866A | NS | robc | 104 | 55 V | 30 V | 3 Vs | 400 ma | 200C | 5 WC | 800 N 3 P | 25／200 | 50 MA | UMP | MOB |  |  | 0 |
| 2N 3870－73 | TH |  |  |  |  |  |  |  |  |  |  |  | thy |  |  |  | 0 |
| 2N3882 <br> 213383 | FE | 105 | 104 | 25 V | 15 V | 3 V | 300ms | 1 COC | ONWF | 100 N 8 P | 30 MN | 200NA | FEt | MOB |  | 23 | 0 |
| 2N3884－99 | It |  |  |  |  |  |  |  |  |  |  |  | THY |  |  | N2382 | 0 |
| 2N39C0 | NS | 1098 | L21 | 18 V | 18 V | 5 V | 100 ${ }^{\text {a }}$ | 125 C | 200 MmF | 12 p | 170 mN | 2 MA | ALN | GEU | BC184L | 2N 3707 | 0 |
| 2＾39C1 | as | r098 | L21 | 18 v | 18 v | 5 V | locna | 125 C | 200 MWF | 12 P | 350 mN | 2NA | ALN | GEU | BC1841 | 2N3707 | 0 |
| 2N3902 | NS | 103 | L05 | 700 V | 325 V | 5 V | 3500 ma | 2006 | 10 ChC 2 | 2800k150F | 30／90 | 1 A | RHF | MOB | BU105 | 2N5157 | 0 |
| 2＾3903 | As | 1092 | L14 | 60 V | 40 V | 6 V | 200MA | 135 C | 310 NWF | 250 N 4 P | $50 / 150$ | 10 MA | alg | NOR | BC338 | 2N5818 | 0 |
| 2N3904 | NS | 1092 | 114 | 60 V | 40 V | 6v | 20 cma | 135 C | 31 CNWF | 250M 4P | 100 mN | 1 CMA |  | NOB | BC3498 | 2N3904 | 0 |
| 2v3905 | PS | T092 | L14 | 40 V | 40 V | 5 V | 200NA | 135C | 310 MWF | 200M 5p | 50／150 | 10 ma | ANG | NAT | BC 338 | 2N 4403 | 0 |
| 2N3906 | PS | 1092 | 114 | 40 V | 40 V | 5 V | 200NA | 1356 | 310 MWF | 250M 5P | 100 mN | 10NA | $A^{\prime N}$ | NAT | BC388 | 2N4403 | 0 |
| 2N3909 | Fe |  |  |  |  |  |  |  |  |  |  |  | $T$ | re |  |  | $c$ |
| 2＾3921－22 | FE |  |  |  |  |  |  |  |  |  |  |  | FET |  |  |  | 0 |
| 2＾2923 | As | 105 | LC4 | 150 V | 150 V | 6 V | 100NA | 2 COC | 800NWF | 40 M 4 P | 30／120 | 25NA | ALE | FCU | EF337 | 2N4927 | 0 |
| 2N 2924 | NS | 1039 | LC4 | 36 V | 18 v | 4 V | 500 ma | 200c | 7WC | 175M 200 |  |  | VNP | M03 |  |  | 0 |
| 2N3：25 | As | 10162 | 104 | 36 V | 18 V | 4 V | 1 A | 2000 | 10 CL | 175N 20P |  |  | vNP | MCE |  |  | 0 |
| 203926 | NS | 1060 | L61 | 36 V | 18 v | 4 V | 1500 MA | 2000 | 11 hC | 175N 20P |  |  | VMP | NOB |  |  | 0 |
| 2N3927 | NS | 1060 | L61 | 36 V | 18 V | 4 V | 3 A | 2000 | 23 WC | 175M45P |  |  | Np | NOB |  |  | 0 |
| 2N3930 | PS | 1018 | LCl | 180 V | 180 V | 6 V | 100NA |  | 400 MWF | 40 M 7 P | $80 / 300$ | 10MA | ALE | SGI |  | 2N4351 | 0 |
| 2＾3931 | PS | 1039 | 104 | 180 V | 180 V | 6 V | 100 MA | 2000 | 700 NWF | 40 M 7 P | 80／300 | IONA | ALE | SGI |  | 2N4358 | 0 |
| 2N3934－35 | FE |  |  |  |  |  |  |  |  |  |  |  | FET |  |  |  | 0 |
| 2＾3936－40 | TH |  |  |  |  |  |  |  |  |  |  |  | THY |  |  |  | － |
| 2N3945 | NS | 1039 | 104 | 70 V | 50 V | 8 V | 1 A | 200 C | 800 MkF | 60M 12 P | 4C／250 | 150NA | ANG | NAT | BFY50 | 2N2297 | － |
| 2N394t | As | 1018 | LCI | 60 V | 40 V | 6 V | 200～A | 1756 | 360 MhF | 250M 40 | 45 MA | ina | Alg | MCB | BC107 | A157 | 0 |
| 2N3947 | As | 1018 | 101 | 60 V | 40 V | 6 V | 200MA | 1750 | 360 NWF | 300N 4 P | 100 mN | loma | ALG | M08 | BC107 | A157 | 0 |
| 2＾3948 | Ns | 1039 | LC4 | 36 V | 20 V | 3 V ， | 400 mA | 2000 | 1 hF | 700N 4P5 | 15 NN | SCNA | UNP | MOE |  |  | － |
| 2N3950 | ns | 1060 | Lel | 65 v | 35 v | 4 V | 3300 na | 200 C | POONWF | 75M120p |  |  | P | MCB |  |  | 0. |
| 2N3754－58 | FE |  |  |  |  |  |  |  |  |  |  |  | FET |  |  |  | 0 |
| 2N3959 | NS | 1018 | LCl | 20 V | 12 V | 4 V | SOMA | 20cc | 400 MhF | 130JN 2P5 | $40 / 200$ | 10 Na | SLS | MOU |  | 2N3960 | 0 |
| 2＾3960 | NS | $\underline{1018}$ | L01 | 20 V | 12 V | 4 V | 50 mA | 200 C | 40 CMWF | 1600 M 295 | $40 / 200$ | 10 MA | SLS | NOU |  | 2N3960 | 0 |
| 2N 3961 | NS | $\times 26$ | LEs | 65 V | 40 V | 4 V | 1 A | 200C | 10 WC | 350 M LOP | 10 MN | 25 CNA | UMP | NOT |  |  | 0 |
| 2N3962 | PS | 1018 | LCl | 60 V | 60 V | 6 V | 200NA | 1750 | 360 MWF | 40M 6P | 60 Mn | IUA | ALN | SGI | PC179 | 2N3965 | 0 |
| 2N3963 | PS | 1018 | L01 | 80 V | 80 V | 6 V | 200 MA | 1756 | 350 NWF | 40M 6P | 60 NN | 1UA | ALN | SGI | 8C119 | 2N3965 | 0 |
| 2N 3964 | PS | 1018 | LCI | 45 V | 45 v | 6 V | 200MA | 20 CC | 36 CNWF | 50 N 6P | 250NN | 1 MA | $\triangle 1 G$ | fCU | BCY71 | 2N3965 | 0 |
| 2N3965 | pS | 1018 | LOI | 60 V | 60 V | 6 V | 200 NA | 2000 | 360 MWF | SON 6P | 250 MN | IMA | ALG | fCU | BCY70 | 2N3965 | － |
| 213966－72 | FE |  |  |  |  |  |  |  |  |  |  |  | FET |  |  |  | 0 |
| 2N398C | しJ |  |  |  |  |  |  |  |  |  |  |  | UJT |  |  |  | 0 |
| 2＾3983 | As | 1092 | L21 | 30 V | 12 V | 3 V | 30 MA | 1250 | 200NWF | 400 M | 30 MN | 4 NA | VLA | tis |  |  | 0 |
| 2＾3984 | NS | 1092 | Lこ1 | 30 V | 12 V | 3 v | 3 CMA | 125 C | 20 CNmF | 300 N | 20 Nm | 4NA | VLA | TIP |  |  | 0 |
| 2N3985 | NS | 1092 | L21 | 30 V | 12 V | 3 V | 3 CNA | 125 C | 200 MWF | 300 M | 20NN | 4 MA | VLA | TID |  |  | － |
| 2＾3986－92 | TH |  |  |  |  |  |  |  |  |  |  |  | thy |  |  |  | 0 |
| 2N3993－94 | FE |  |  |  |  |  |  |  |  |  |  |  | FET | tie |  |  | 0 |
| 214000 | NS | 105 | 104 | 100 V | 80 V |  | 14 | 200C | 15 hC | 40 N | $30 / 120$ | 50 cma | RMH | 119 |  |  | 0 |
| 2140CI | NS | 105 | LC4 | 12 CV | 100 V | 8 v | 1 A | 200 C | 1 WF | 40 M 60 P | 40／120 | 5 CCMA | AMH | 118 | BSW66 | 2N4001 | 0 |
| 2N4002 | NS | 1063 | 160 | 100 V | 80 V |  | 30 A | 200C | 10 CWC | 304 | 20／80 | $15 \wedge$ | RHM | $\mathrm{TIP}^{\text {T }}$ |  |  | － |
| 2N4003 | AS | 1063 | L60 | 120 V | 100 V |  | 30 A | 200C | 10 chC | 30M | 20180 | 154 | RHH | TIB |  |  | 0 |
| 2N4012 | NS | 106 C | L61 | 65 V | 40 V | 4 V | 1500 ma | 2006 | 11 hC | 175N 10F | $4 / 40$ | 1 A | UHP | NOE |  |  | 0 |
| 2N4013 | NS | T018 | LOL | 50 V | 30 V | 6 V | 500 MA | 175 C | 360 MhF | 300 N 12 P | 60／150 | 1 COMA | RMS | SGI | BSW64 | 2N2222A | 0 |
| 2N4014 | AS | 1018 | LC1 | 80 V | 50 v | 6 V | 500 NA | 175 C | 360 MWF | $300 \mathrm{M} \mathrm{10P}$ | 60／150 | 1 COMA | RMS | SG I | BSW64 | 2N2222A | 0 |
| 2N4015 | PS |  |  |  |  |  |  |  |  |  |  |  | DUA | MOB |  |  | 0 |
| 2N4016 | PS |  |  |  |  |  |  |  |  |  |  |  | CLA | Moe |  |  | 0 |
| 2N402C－25 | Ps |  |  |  |  |  |  |  |  |  |  |  | CUA | MCB |  |  | 0 0 |
| 2N4026 | PS | T018 | 102 | 60 V | 60 v | 5 V | 1 A | 180C | 500 MWF | 100 M 20 P 100 M 2 CP | $40 / 120$ $40 / 120$ | loona | ANH | SGI | BSW24 BSW24 BSW24 | 2N2907A | 0 0 |
| 2N4027 2N4028 | PS | 1018 1018 1018 | LCl LOL | 80 V 60 V | 80 l | $5 v$ $5 v$ | 1 A | 180 C 180 C | 500 MWF 500 MWF | 100 M 2 CP 150 M 20 P | $40 / 120$ 100 MN | 100 NA 100 ma | ANH | SGI | BSW24 | 2N2907A 2N2907A | 0 <br> 0 |
| 2N4028 2N4029 | PS | 1018 1018 | LO1 | 60 V 80 V | 60 V | 5 V 5 V | 1 A | 1800 | 500 MLF 500 NmF | 150 M 20 P 150 N 20 P | 100 MN 100 NN | 100 100 Na | AMH | SGI | BSW24 | 2N2907A 2N2907A | － |


| TRANSISTOR NUMBER | $\begin{gathered} P M \\ 0 A \\ \text { LT } \end{gathered}$ | $\begin{array}{\|c} \text { PACK- } \\ \text { AGE } \end{array}$ | $\begin{array}{\|l\|l\|} \text { LEAD } \\ \text { INFO } \end{array}$ | $\begin{aligned} & \text { VCB } \\ & \text { MAX } \end{aligned}$ | $\left\lvert\, \begin{gathered} \text { VCE } \\ \text { MAX } \end{gathered}\right.$ | $\begin{aligned} & \text { VEB } \\ & \text { MAX } \end{aligned}$ | $\underset{\text { MAX }}{\mathbf{C}}$ | $\underset{\text { MAX }}{\mathbf{J}}$ | $\begin{aligned} & \text { P } \\ & \text { TOT } \end{aligned}$ | $\begin{array}{ll} F_{\mathrm{T}} & C_{0 B} \\ \text { MIN } & \text { MAX } \end{array}$ | $H_{F E}$ | $\underset{\text { BIAS }}{\mathrm{H}^{\mathrm{FE}}}$ | USE | MFR | $\begin{aligned} & \text { EURO } \\ & \text { EOVT. } \end{aligned}$ | $\begin{aligned} & \text { USA } \\ & \text { ERVT. } \end{aligned}$ | ISS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2＾4030 | PS | 105 | 104 | 6 CV | 60 V | 5 V | 14 | 1800 | 800 MWF | 100 2 CP | 40／120 | 100 NA | AMG | SGI | BFS95 | 2N4036 | 0 |
| 2＾4031 | PS | 105 | L04 | 80 V | 80 V | 5 V | 14 | 180 C | 80 CN | 100N 20P | 40／120 | 100 NA | AMG | SGI | BFS95 | 2N4036 | 0 |
| 2N4032 | PS | 105 | L04 | 60 V | 60 V | 5 V | 1 A | 175 C | 800 Mm | 150 M 20 P | 100 mN | 100 MA | AMG | SGI | BFS 95 | 2N4036 | 0 |
| 2＾4033 | PS | 105 | L04 | 80 V | 80 V | 5 V | 1 A | 175 C | 800 MWF | 150 M 20 P | 100 mN | 100 ma | AMH | SGI |  | 2N4929 | 0 |
| 2N4034 | PS | 1018 | LO1 | 40 V | 40 V | 5 V | 100MA | 1750 | 360 MWF | $400 \mathrm{M} \mathrm{4P}$ | 70MN | 10 MA | RLG | SGI | BSW24 | 2N2907A | 0 |
| 2＾4035 | PS | 1018 | 101 | 40 V | 40 V | 5 V | 200na |  | 360 NWF | 450 N 4 P | 150 MN | 10 MA | RLG | SGI | B SW24 | 2N2907A | 0 |
| 2N4036 | PS | 105 | LC4 | gov | 65 V | 7 V | 1 A | 200 C | IWF | 60 N 25 P | 40／140 | 15 CMA | AMH | MUB | BFR 23 | 2N4036 | 0 |
| 2N4037 | PS | tos | 104 | 60 v | 40 v | 7 V | 1 A | 200 C | 1 WF | 60M 25P | 50 Na | 150 MA | ANG | RCU | BFR23 | 2N4036 | 0 |
| 2N4038－39 | FE |  |  |  |  |  |  |  |  |  |  |  | FET |  |  |  | 0 |
| $2 \wedge 4046$ | NS | 105 | 104 | 50 V | 30 V | 6 V | 500MA | 175 C | 800 NWF | 250M 12P | 40／150 | 100 MA | RMS | SG I | BSW54 | 2N2219A | 0 |
| 214047 | NS | 105 | 104 | 80 V | 50 V | 6 V | 500NA | 175 C | 800 MhF | 250N 10P | 40／150 | 1 COMA | RMS | SGI | BSWS4 | 2N2219A | 0 |
| 2N4048 | PG | 1036 | L13 | 45 V | 30 V | 25 V | 60 A | 110C | 170 WC | 120k | 60／180 | 15 A | AHG | MOB |  |  | 0 |
| 2N4049 | PG | 1036 | L13 | 60 V | 45 V | 3 CV | 60 A | 110 C | 170 WC | 120k | 60／180 | 15A | AHG | MOB |  |  | 0 |
| 2N4050 | PG | 1036 | 413 | $75 v$ | 60 V | 40 V | 50 A | 110 C | 170 hC | 120K | 60／180 | 15 A | AHG | MOE |  |  | 0 |
| 2ヘ4051 | PG | 1036 | 213 | 45 V | 30 V | 25 V | 5 CA | 1100 | 170 WC | 240 K | 120 mN | 15 A | AHG | MOR |  |  | 0 |
| 2N4C52 | PG | 1036 | L13 | 60 V | 45 v | 30 V | 50A | 110 C | 17 ChC | 240k | 120NA | 15 A | $A H G$ | mos |  |  | 0 |
| 2 N 4053 | PG | r03t | 113 | $75 v$ | 60 V | 40 V | 50 A | 110 C | 170 WC | 240 K | 120 MA | 15 A | $\triangle H G$ | MOB |  |  | 0 |
| 2N4058 | PS | 1092 | 121 | 30 V | 30 v | bv | 30 MA ． | 150 C | 360 MWF |  | 100 mN | 100UA | ALN | TIB | BC 214 L | 2N4058 | 0 |
| 2N4059 | PS | 1092 | L21 | 30 V | 30 V | 6 V | 30 MA | 150 C | 360 MhF |  | $45 / 660$ | 1 MA | ALG | TIB | BC 2122 | 2N4061 | 0 |
| 2＾4060 | PS | Tos2 | L21 | 30 V | 30 v | ov | 30 Na | 150 C | 36 CNWF |  | 45 MN | IMA | ALG | T13 | BC2121 | $2 \mathrm{~N} 4 \mathrm{C61}$ | 0 |
| 2N4061 | PS | 1092 | L21 | 30 V | 30 V | 6 V | 30 Na | 150C | 360 MmF |  | $90 / 330$ | 1 MA | ALG | IIe | BC 212 L | 2N4061 | 0 |
| 2N4062 | PS | 1092 | 121 | 30 V | 30 V | 6 V | 30 NA | 150 C | 360 MWF |  | 180 Mn | 1 MA | ALN | TIB | BC 214 L | 2N4058 | 0 |
| 2＾4065 | FE |  |  |  |  |  |  |  |  |  |  |  | FET |  |  |  | 0 |
| 2ヘ4066－67 | FE |  |  |  |  |  |  |  |  |  |  |  | CUA | MCB |  |  | 0 |
| 2N4072 | NS | 1018 | 101 | 40 V | 20 V | 4 V | 100NA | 2000 | 350 MWF | $775 \mathrm{~N} \quad 4 \mathrm{P}$ | 10 MN | 25 MA | VMP | $\cdots \mathrm{CE}$ |  |  | 0 |
| 2N4073 | As | 105 | L04 | 40 V | 2 cv | $4 v$ | 150MA | 2000 | 1500 MwC | 275 M 4 P | 10 MN | 25 NA | vnp | MOB |  |  | 0 |
| 2N4077 | NG | X03 | LC5 | 32 V | 20 V | 10 V | 14 | 100 C | 8unt | 1 N 150 P | 50 NN | 500 NA | ALG | AMP | AD16 1 | 2N4077 | 0 |
| 2N4082－85 | Ft |  |  |  |  |  |  |  |  |  |  |  | FET |  |  |  | 0 |
| $\begin{aligned} & 2 \mathrm{~N} 408 \mathrm{~B}-8 \mathrm{~g} \\ & 2 \mathrm{~N} 4 \mathrm{CSO} \end{aligned}$ | $\left.\begin{array}{\|l\|} \hline \mathrm{FE} \\ \mathrm{FE} \end{array} \right\rvert\,$ |  |  |  |  |  |  |  |  |  |  |  | FET |  |  |  | 0 |
| 2＾4091－93 | FE |  |  |  |  |  |  |  |  |  |  |  | T | MCB |  |  | 0 |
| ＜N4094－95 | FE |  |  |  |  |  |  |  |  |  |  |  | Ft |  |  |  | 0 |
| 2N41Cl－03 | TH |  |  |  |  |  |  |  |  |  |  |  | THY | RCU |  |  | 0 |
| 2N4104 | NS | 1018 | 101 | 60 V | 6 CV | 10 V | 50 MA |  | 300 MWF | 90M 4P5 | 400 Mn | 100 A | ALN | 118 |  |  | 0 |
| 2ヘ4108－us | It |  |  |  |  |  |  |  |  |  |  |  | r |  |  |  | 0 |
| 2N4110 | It |  |  |  |  |  |  |  |  |  |  |  | Hr |  |  |  | 0 |
| $\begin{aligned} & 2 N 4117-15 \\ & 2 N 4120 \end{aligned}$ | $\left\|\begin{array}{c\|} \mathrm{FE} \\ \mathrm{FE} \end{array}\right\|$ |  |  |  |  |  |  |  |  |  |  |  | FET |  |  |  | 0 0 |
| 2N4121 | PS | 1010t | 117 | 40 V | 40 V | 5 v | 100ma | 1250 | 200NWF | 450 M 5P | $70 / 200$ | 10 MA | RLG | NAT | BC 309 | 2N6003 | 0 |
| 2＾4122 | PS | 10106 | 117 | 40 V | 40 V | 5 V | 100NA | 1250 | 200 NmF | 450N 5P | 150 NN | 10 MA | RLG | NAT | BC309 | 2N6003 | 0 |
| 214123 | NS | TC92 | 114 | 40 V | 30 V | 5 V | 200 mA ． | 135C | 31 CNWF | 250 M 4 P | 50／150 | 2 MA | AL G | NOB | BC3504 | 2N3905 | 0 |
| 2N4124 | NS | 1072 | 114 | 30 V | 25 v | 5 V | 200 MA | 135 C | 310 MWF | 300M 4P | 120 mN | 2 MA | ALG | MOB | BC 350 A | 2N3905 | 0 |
| 2N4125 | PS | 1092 | 114 | 30 V | 30 V | 4 V | 200～NA | 1356 | 310 MWF | 200M 5P | 50／150 | 2MA | ALS | NAT | BC 350 A | 2N3905 | 0 |
| 2＾4126 | PS | 1092 | 114 | 25 V | 25 V | 4 V | 200MA | 1356 | 310 NWF | 250 N 5 P | 120 mN | 2MA | AL G | NAT | BC3504 | 2N3905 | 0 |
| 2N4130 | NS | 103 | L05 | 80 V | t5v | $4 v$ | 10 A | 175 C | 120 hC | 125N200P | 10160 | 2 A | VhP | Mce |  |  | 0 |
| 214132 | AS | 1037 | 147 | 90 v | 80 V | 5 v | G00Na | 175 C | 7 NC | 200 M | 10／80 | 200MA | VHG | KER |  |  | 0 |
| 2N4137 | AS | 1018 | LO1 | 40 V | 20 V | 4 V | 200MA | 2006 | 360 MWF | $500 \mathrm{M} \mathrm{4P}$ | 40／170 | 10 MA | VLS | FCU | BS $\times 20$ | 2N2369 | 0 |
| 2N4139 | FE |  |  |  |  |  |  |  |  |  |  |  | FFT |  |  |  | 0 |
| 2＾4140 | AS | tolce． | L01 | 60 V | 30 V | 5 V | 500ma | 125 C | 300 NFF | 250N 8P | 40／120 | 150 MA | AMG | NAT | BC338 | 2N5818 | － |
| 2N4141 | NS | 10106 | 101 | 60 V | 30 V | $5 v$ | 500 ma | 125 C | 300 MhF | $250 \mathrm{M} \mathrm{8P}$ | 100ma | 150 NA | AMG | Nat | BC 338 | 2N5818 | 0 |
| 2N4142 | PS | 50106 | LCI | 60 V | 40 v | sv | 500NA | 125 C | 300 MWF | 200m 8 P | 40／120 | 150 Na | AMG | NAT | EC 328 | 2N5819 | 0 |
| 214143 | PS | 10106 | LO1 | 60V | 40 v | $5 v$ | 500mA | 1250 | 300 WF | 200M 8P | 100 mN | 150 MA | AMG | NAT | BC328 | 2N5819 | 0 |
| 2N4145－4s | Tr |  |  |  |  |  |  |  |  |  |  |  | THY |  |  |  | 0 |
| ご4151－98 | It |  |  |  |  |  |  |  |  |  |  |  | THY | MOE |  |  |  |
| 2N4159 | IH |  |  |  |  |  |  |  |  |  |  |  | thy | MOB |  |  | 0 |
| 2N4200－04 | TH |  |  |  |  |  |  |  |  |  |  |  | thy | MCe |  |  | 0 |
| 2N4207 | PS | 1018 | LCI | 6 V | 6 V | 4 V | 50 MA | 2000 | 300 NWF | 650 M 3 P | $50 / 120$ | 10 MA | ULS | NAT | BSh25 | 2N3 546 | 0 |
| 2N4208 | PS | 1018 | LCl | 12 V | 12 V | 4 V | 5 cma | 2000 | 30 CNHF | 700N 3F | 30／120 | 1 CNa | ULS | NAT | BSW25 | 2N3546 | 0 |
| 2N4209 | PS | 1018 | LO1 | 15 V | 15 v | 4 V | 50 ma | 200 C | 300 MWF | 859M 3P | 53／120 | 1 CmA | ULS | NAT | B SW2 5 | 2N 3546 | 0 |
| 2V4212－16 | TH |  |  |  |  |  |  |  |  |  |  |  | THY | MCB |  |  | 0 |
| 2N4217－15 | It |  |  |  |  |  |  |  |  |  |  |  | thy |  |  |  | 0 |
| ＜＾4220－22 | FE |  |  |  |  |  |  |  |  |  |  |  | FFI | Mne |  |  | 0 |
| 2＾4223－24 $2 N 4227$ | FE | 10106 | 117 | 60 V | 30 V | 5 v | 200NA | 125 C | 300 MhF | 250 M 8P | 75／150 | 150 NA | FET | NOB | BC 338 | 2N5818 | 0 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2N4228 | PS | 101 ct | 117 | 60 V | 40 V | 5 V | 500MA | 1250 | 300 mmF | 200N 8P | 75／150 | 150 ma | AMG | NAT | BC328 | 2N5819 | 0 |
| 2＾4231 | NS | 1066 | $\llcorner 43$ | 5 CV | 40 V | 5 V | 5 A | 200C | 35 hc | 4 N 2 COP | 25／100 | 150 cma | RHG | Not | BDY78 | 2N5050 | 0 |
| 2V42314 | NS | 1066 | L43 | 40 V | 40 V | 5 V | 5 A | 200 C | 75 WC | 4 N 300 P | 25／100 | 1500 MA | AHG | NOB | BuY38 | 2N3054 | 0 |
| 214232 | AS | T06e | 143 | 70 V | 60 V | 5 v | 5 A | 200 C | 35 WC | $4 \mathrm{M200P}$ | $25 / 100$ | 150 cma | Rhi | MOB | BDY79 | 2N5050 | 0 |
| 2N4232A | AS | 1066 | 143 | 60 v | 40 V | 5 V | 5 A | 200C | 75NC | $4 \mathrm{M300P}$ | 25／100 | $1500 \mathrm{MA}$ | AHG | MOB | Buy 38 | 2N3054 | 0 |
| 2＾4233 | AS | 1066 | 143 | 9 cv | 80 V | 5 V | 5 A | 200 C | 35 WC | 4 N 200 P | 25／100 | 1500 MA | RHH | MOP | $80 Y 79$ | 2N5050 | 0 |
| 2142334 | NS | 1066 | L43 | 80 V | 80 V | 5 V | 5 A | 200 C | 75 WC | 4 N 300 P | 25／100 | 1500 mA | AHG | NOE | BOY7 ？ | 2N3441 | 0 |
| 2N4234 | PS | T05 | 104 | 40 V | 40 V | $7 v$ | 3 A | 200 C | 1 wF | $3 \mathrm{M100P}$ | 30／150 | 250 MA | RHG | N08 | BS544 | 2N3720 | 0 |
| 2N4235 | PS | 105 | 104 | 60 V | 60 V | 7 V | 3 A | 200C | 1 WF | $3 \mathrm{M100P}$ | 30／150 | 250 MA | RHH | MCB | BSS44 | 2N3720 | 0 |
| 2＾4236 | PS | 105 | 104 | 8 CV | 80 V | 7 V | 3 A | 2006 | 1 WF | 3 M 100 P | 30／150 | 250 MA | RHH | MOB | BS 544 | 2N3720 | 0 |
| 2N4237 | NS | 105 | 104 | sov | 40 V | 6 V | 1 A | 200 C | 5WC | 80 N | 15 NN | 14 | AMG | SGI | BFY50 | 2N2297 | 0 |
| 214238 | AS | 105 | LC4 | 8 CV | 60 V | 6 V | 1 A | 200C | 5 WC | 80 M | 15 MN | 14 | AMG | SGI | BFY50 | 2N2297 | 0 |
| 2V4239 | NS | 105 | LC4 | 100 V | 80 V | 6 V | 1 A | 2006 | 5WC | 80 M | 15 MN | 1 A | ANH | SGI | BSW66 | 2N1893 | 0 |
| $2 N 4248$ $2 \wedge 4249$ | PS | 10106 10106 | L17 | 40V Sov | 40 v 60 V | 5 V | 100 MA 100 mA | 125 | 200 MhF 200 MWF | 40 N $6 \mathrm{6P}$ | 50 NN 100 mN | 100 UA 1 MA | ALN | SGI | BC 206 BC 234 | 2N4250 $2 N 4248$ | 0 0 0 |


| TRANSISTOR NUMBER | $\begin{gathered} \text { PM } \\ \text { OA } \\ \text { LT } \end{gathered}$ | $\begin{aligned} & \text { PACK- } \\ & \text { AGE } \end{aligned}$ | $\begin{aligned} & \text { LEAD } \\ & \text { INFO } \end{aligned}$ | $\begin{aligned} & \text { VCB } \\ & \text { MAX } \end{aligned}$ | $\begin{gathered} \text { VCE } \\ \text { MAX } \end{gathered}$ | $\begin{aligned} & \text { VEB } \\ & \text { MAX } \end{aligned}$ | $\stackrel{{ }^{\mathbf{I}} \mathbf{C}}{\text { MAX }}$ | $\stackrel{\mathbf{T}}{\underset{\text { MAX }}{\text { J }}}$ | тот | $\begin{array}{ll} F_{1} & C_{0} \\ \text { MIN } & \text { M } \end{array}$ | OB <br> MAX | $\mathbf{H E}_{\text {FE }}$ | $\begin{gathered} \mathrm{H}_{\mathrm{FE}} \\ \text { BIAS } \end{gathered}$ | USE | MFR | EURO EQVT. | $\begin{aligned} & \text { USA } \\ & \text { EQVT. } \end{aligned}$ | ISS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2N4250 | pS | 101ce | L17 | 4 cv | 40 V | 5 V | 100MA | 125C | 20 CNmF | 100N | 68 | 250 NN | 1 Na | ALN | FCU | 8C206 | 2N4250 | 0 |
| 2N42504 | PS | T0106 | L17 | 60 V | 60 V | 5 V | 100ma | 125C | 20 cm | 100N | 6 P | 250 MN | 1 MA | ALN | FCU | BC236 | 2N4250 | 0 |
| 2^4252 | NS | 1072 | 106 | 30 V | 18 V | 4 v | 50 MA |  | 200 N | 600M |  | 50 MN | 2 MA | ULA | IIB |  |  | 0 |
| 2N4253 | NS | 1072 | 106 | 30 V | 18 V | 4 V | 50 MA |  | 200MW | 600M |  | 30/150 | 2 MA | ULA | TIB |  |  | 0 |
| 2N4257 | PS | 10106 | 417 | EV | 6 v | 4 V | 50 MA | 125 C | 200 MWF | 500 M | 3P | 30/120 | 10 MA | VLS | NAT | BSW25 | 2N3546 | 0 |
| 2N4257A | PS | 101 CE | 117 | 6 V | 6 V | 4 V | 50 MA | 125C | 200MmF | 500N | 3 P | 30/120 | 1 CMA | vis | NAT | BSW25 | 2N354t | 0 |
| 2N4258 | PS | 10106 | L17 | 12 V | 12 V | 4 V | 50 mA | 125C | 200 MWF | 700N | 3 P | 30/120 | 10 MA | VLS | NAT | BSW25 | 2N3546 | 0 |
| 2^4258A | PS | 10106 | 117 | 12V | 12v | 4 V | 50 MA | 125C | 200MwF\| | 700 M | 3 P | 30/120 | 1 CMA | VLS | NAT. | BSW25 | 2N3546 | 0 |
| 2N4260 | PS | 1072 | LC6 | 15 V | 15 V | 4 V 5 | 30 MA | 200 C | 200 MWF | 1600 M | $2 P 5$ | 30/150 | 10 MA | StS | MOU |  | 2N4 261 | 0 |
| 2N4261 | PS | 1072 | L06 | 15 V | 15 V | 4 V 5 | 30 MA | 200C | 200 MhF | 2000 N | $2 P 5$ | 30/150 | 10 MA | SLS | MOU |  | 2N4261 | 0 |
| 2^4264 | NS | 1092 | 114 | 30 V | 15 V | 6 V | 200MA | 135 C | 31 CmFF | 300M | 4 P | 40/160 | 1 cma | VLS | MOU | BS $\times 20$ | 2N2369 | 0 |
| 2N4265 | NS | 1092 | 114 | 30 V | 12 V | 6 V | 200MA | 135 C | 31 CMWF | 300M | 4 P | 100 MN | 1 CMA | VLS | mou | BSX20 | 2N 2369 | 0 |
| 2N426t | AS | 1092 | L14 | 30 V | 12 V | 6 V | 200MA | 135 C | 310 MWF | 300M | 4 P | 40/400 | 10NA | VLS | FCl | BS×20 | 2N2369 | 0 |
| 2N4267-68 $2 N 4274$ | FE |  |  |  |  |  |  |  |  |  |  |  |  | FET |  |  |  | 0 |
| 2N4274 | NS | rolce | 117 | 3 CV | 12 V | 4 V | 100ma | $125 C$ | 28 CNmF | 400 N | 4 P | 35/120 | 10 MA | VIS | FCU | BS $\times 20$ | 2N2369 | 0 |
| 214275 | A S | 10106 | L17 | 40 V | 15 V | 4 V | 100 ma | 1250 | 280 NWF | 400 M | 4 P | 30/120 | 1 CMA | VLS | FCU | 85×20 | 2N2369 | 0 |
| 2N4276 | PG | 103 | L05 | 30 V | 20 V | 20 V | 60A | 110 C | 17 CWC | 120K |  | 60/180 | 15 A | AHG | MOB |  | 2N4283 | 0 |
| 2N4277 | PG | 103 | LC5 | 30 V | 20 V | 20 V | 60 A | 110 C | 17 ChC | 240 K |  | 120 MN | 15 A | $\triangle H G$ | MOB |  | 2N4283 | 0 |
| 2N4278 | PG | T03 | L05 | 45 V | 35 V | 25 V | 604 | 110C | 170 WC | 120k |  | 60/190 | 15A | AHG | MOB |  | 2N4283 | 0 |
| 2N4279 | PG | 103 | LOS | 45 V | 30 V | 25 V | 60 A | 110 C | 170 mC | 240 K |  | 120 mN | 15A | $\triangle H G$ | MOB |  | 2N4283 | 0 |
| 2N4280 | PG | 103 | 105 | 60 V | 45 V | 30 V | 60 A | 110C | 170 WC | 120k |  | 60/180 | 15 A | AHC | MOB |  | 2N4283 | 0 |
| 2N4281 | PG | 103 | 105 | 60 V | 45 V | 30 V | 6 CA | 1100 | 170 WC | 240K |  | 120 MN | 15 A | AHG | MOB |  | 2N4283 | 0 |
| 2N4282 | PG | 103 | LC5 | 75 V | tov | 40 V | 604 | 110 C | 17 chC | 120k |  | 60/180 | 15A | AHH | MOB |  | 2N4283 | 0 |
| 2N4283 | ${ }^{9} \mathrm{G}$ | 103 | L05 | 75 V | 60 V | 40 V | 60A | 110 C | 170 WC | 240k |  | 120 MN | 15 A | AHH | MOB |  | 2N4283 | 0 |
| 21428t | ns | $\times 13$ | L3C | 30 V | 25 v | 6 V | 100MA | 125 C | 25 CMWF | 40 M | $6{ }^{\circ}$ | 150 MN | 1 MA | ALN | nat | EC184L | 2N3707 | 0 |
| 2N4287 | NS | $\times 13$ | 130 | 45 V | 45 v | $7 v$ | 100ma | 1250 | 250 MmF | 40 M | 6 P | 150 MN | 1 Na | Ala | NAT | BC 1841 | 2N3707 | 0 |
| 2N4288 | dS | +13 | 13 C | 30 V | 25 V | 6v | 100mA | 150 C | 250 NWF | 40 N | 8 P | 100 mN | 100UA | al N | NAT | BC214L | 2N4058 | 0 |
| 2N4289 | PS | $\times 13$ | 130 | 6 CV | 45 V | $7 v$ |  | $150 C$ | 250 NhF | 40 N | 8 F | 100 mN | 100UA | ALN | nat | BC214L | 2N4058 | 0 |
| 2N4290 | pS | $\times 13$ | L 30 | 30 V | 20 V | 5 V | 600\%A | 150C | 250 MWF | 100 N | 109 | 50/300 | 1 COMA | AMG | NA T | BCW37 | T1591 | 0 |
| 214251 | PS | $\times 13$ | 130 | 40 V | 30 V | 5 V | 60 cma | 150 C | 250 MWF | 100 M | 10P | 100mA | ICCMA | AMG | NAT | $8 \mathrm{Ch37}$ | T1591 | 0 |
| 2N4292 | NS | $\times 13$ | 130 | $v$ | 5 v | 3 V | 50 MA | 1500 | 20 cm | 600 N | 2 P 2 | 20 M | 3 MA | VLA | NAT | BF×73 | 2N918 | 0 |
| 2^4293 | AS | +13 | L30 | 30 V | 15 V | 3 V | 50 MA | 150 C | 200 MWF | 600 N | 2 P 2 | 20 MN | 3MA | VLA | NAT | BFX73 | 2N918 | 0 |
| 2^4294 | NS | +13 | L30 | 30 V | 12 V | 4 V | 200 Mm | 175 C | 20 CNWF | 400 M | 5 P | 30/120 | 1 cma | VLS | nat | BS×20 | 2N2369 | 0 |
| 2N4295 | NS | $\times 13$ | L30 | 40 V | 15 v | 5 V | 200MA | 175C | 200 MWF | 530 M | 4 P | 40/120 | 10 MA | VLS | NAT | BSX20 | 2N2369 | 0 |
| 2N4300 | AS | 105 | LC4 | 1 cov | 80 V |  | 2 A |  | 15WC | 30 M |  | 30/120 | 1 A | RHH | 18 |  |  | 0 |
| 2N4302-04 | FE | T0106 | 117 | 12 V | 12 V | $4 v$ | looma | 125 C | CMmF | 700 N | 5 P | 30 NN | 10 MA | FET VLS | mou | BSW25 | 2N3546 | 0 |
| 2N4338 | fe |  |  | 12 V | 12 | 4 V | 100ma |  | CMWF |  |  |  |  | FET |  |  | 2 S 54 | 0 |
| 2N4340-41 | FE |  |  |  |  |  |  |  |  |  |  |  |  | Et |  |  |  | 0 |
| 2N4342 | FE |  |  |  |  |  |  |  |  |  |  |  |  | FET | Mce |  |  | 0 |
| 2 N | FE |  |  |  |  |  |  |  |  |  |  |  |  | T |  |  |  | 0 |
| 2N4347 | NS | 103 | 105 | 140 V | 120 V | $7 v$ | 5A | 200 C | 10 ChC | 900k |  | 20170 | 2 A | AHE | SEU | BDY 74 | 2N3442 | 0 |
| 2N4348 | AS | 103 | LC5 | 140 V | 120 V | $7 v$ | 10A | 200C | 120 WC | 900k |  | 15/60 | 5 A | AHH | SEU | BD $\times 50$ | 2N3773 | 0 |
| 214348 | as | 103 | L05 | 140 V | 120 V | $7 v$ | 10 A | 200C | 120 WC | 200 K |  | 15/60 | 5 A | AHH | мов | BDx50 | 2N3773 | 0 |
| 2N4351 | FE |  |  |  |  |  |  |  |  |  |  |  |  | FET | MOB |  |  | 0 |
| $2 \times 4352$ | fe |  |  |  |  |  |  |  |  |  |  |  |  | FET | MCB |  |  | 0 |
| 2N4354 | PS | T0105 | 104 | 60 V | 60 V | $5 v$ | 500MA | 125 C | 350 MWF | 100 M | 3 CP | 30 MN | 50 MmA | AMH | MCA | 8FS93 | 2N4037 | 0 |
| 2N4355 | PS | T01c5 | 104 | 60 V | 60 V | 5 V | 60 CMA | 1250 | 350 MWF | 100 M | 300 | 75 NN | 500 ma | $\triangle M H$ | MC3 | BFS 93 | 2N4037 | 0 |
| 2^4356 | Ps | 10105 | L04 | 80 V | 80 V | 5 V | 600ma | 1250 | 350 NWF | 100 N | 30 P | 30 mN | 500 ma | AMH | MCB | 8FS ${ }^{\text {a }}$ | 2N4037 | 0 |
| 214357 | Ps | T018 | LC1 | 240 V | 240 v | 6 V | 100 ma | 2000 | 40 CNWF | 40 N | $7 P$ | 80/300 | 10 MA | ALE | SGI |  | 2N4357 | 0 |
| 2^4358 | PS | TC39 | LC4 | 240 V | 240 V | 6 V | 100ma |  | 700 MWF | 40 M | 7 P | $80 / 300$ | 10 MA | ALE | SGI |  | 2N4358 | 0 |
| 2N4359 | PS | 1018 | 101 | 45 V | $45 v$ | 5 V | 50 MA |  | 360 MWF | 200 M | 6 P | 50/500 | 10 MA | ALG | SGI | BSW24 | 2N2907A | - |
| $2 \mathrm{~N}^{2} 36 \mathrm{C}$ | Fe |  |  |  |  |  |  |  |  |  |  |  |  | FEI | MOP |  |  | 0 |
| 2ヘ4361-68 | It |  |  |  |  |  |  |  |  |  |  |  |  | THY | mat |  |  | 0 |
| 2N4369-7C | It |  |  |  |  |  |  |  |  |  |  |  |  | THY |  |  |  | 0 |
| 2N4371-7E | IH |  |  |  |  |  |  |  |  |  |  |  |  | HY | MCB |  |  | 0 |
| 214379-80 | $1+$ |  |  |  |  |  |  |  |  |  |  |  |  | THY | MOB |  |  | 0 |
| 2N4389 | PS | 1092 | 114 | 12 V | 12 V | 4 V | 100 mA | 1250 | 20 CNWF | 150 N | 9 F | 30/180 | 10 MA | RLS | FCU | BSW25 | 2N3546 | 0 |
| 214390 | NS | 1018 | L01 | 120 V | 120 V | 6 V | 500 ma | 175 C | 375 MWF | 50 N | 6 P | 20 MN | 2 CMA | AMH | ATI | BFR2S | 2N4390 | 0 |
| 2^4351-93 | FE |  |  |  |  |  |  |  |  |  |  |  |  | FET | MOB |  |  | 0 |
| 2N4398 | PS | 103 | 105 | 40 V | 40 V | 5 V | 50 A | 2006 | 20 ChC | 4 N |  | 15/60 | 15A | AHG | MCE |  |  | 0 |
| $2 \wedge 4399$ | Ps | T03 | L05 | 5 CV | 60 V | 5 V | 504 | 2000 | 200 WC | 4 M |  | 15/60 | 15 A | AHH | MOB |  |  | 0 |
| 214400 | NS | 1092 | L14 | 60 V | 40 V | 6 V | 600MA | 135C | 31 cmhF | 200N | 7 P | 50/150 | 150 ma | AMG | mob | BC387 | 2N4401 | 0 |
| 2N4401 | NS | 1092 | L14 | 60 V | 40 V | 6 V | 600 mA | 135C | 310 MWF | 250 M | 7 P | 100 mN | 150 MA | AMG | MCB | BC 337 | 2N4401 | 0 |
| 2N4402 | PS | 1092 | 114 | 40 V | 40 V | 5 V | 60CNA | 135C | 310 MWF | 150M | $9 p$ | 50/150 | 150 ma | $A^{M} \mathrm{G}$ | MCB | BC 388 | 2N4403 | 0 |
| 2N4403 | PS | 1092 | L 14 | 4 CV | 40 V | 5 v | gOCMA | $135 C$ | 31 CNWF | 200 N | 9 P | 1 COmN | 150 Na | Ang | NOB | BC 388 | 2N4403 | 0 |
| 2N4404 | PS | 1039 | L05 | 80 V | 80 v | 5 V | 1 A | 200c | 1250 MWF | 200M | 10 P | 40/120 | 150 ma | RMG | MOB | BFR 23 | 2N4036 | 0 |
| 2144C5 | PS | 1039 | LCS | 80 V | 80 V | 5 V | 14 | 200C | 125 CMWF | 200M | 10 P | 100 mN | 15 cma | RMG | NOB | bfr23 | 2N4036 | 0 |
| 2N4406 | PS | 1039 | L05 | 80 V | 8 CV | 5 V | 2 A | 200C | 1250 MWF | 150 M | 15 P | 25/100 | 150 MA | RHS | MOB |  |  | 0 |
| 2N4407 | PS | 1039 | LC5 | Bov | 80 v | 5 V | 2 A | 200C | 1250 MmF | 150 M | 15 P | 75/225 | 150 MA | RHS | MCB | BSS44 | 2N3720 | 0 |
| 2^44C9 | NS | 1092 | L14 | 80 V | 50 V | 5 V | 250 MA | $135 C$ | 31 CNhF | 60 N | 12 P | 60/400 | 1 MA | ALH | MOE |  | 2N4410 | 0 |
| 2N4410 | NS | 1092 | 1.14 | 120 V | 80 v | 5 V | 250 ma | 135 C | 31 CMWF | 60 N | 12 P | 60/400 | IMA | ALH | MOR |  | 2N4410 | 0 |
| 2N4416 | FE |  |  |  |  |  |  |  |  |  |  |  |  | FET | MOB |  |  | 0 |
| 2N4417 | FE |  |  |  |  |  |  |  |  |  |  |  |  | FET |  |  |  | 0 |
| 2N4423 | NS | 10166 | 417 | 12 V | 12 V | 4 V | 200MA | 125 C | 25 CMWF | 400 N | 6 P | $40 / 150$ | 30 MA | VLS | NAT | BS $\times 20$ | 2N2369 | 0 |
| 214424 | NS | TC98 | L21 | 60 V | 40 V | $5 v$ | 500MA | 150C | 36 CMWF |  |  | 180 mN | 2 MA | AMG | GEU | BCW36 | 2N3 704 | 0 |
| 2N4425 | NS | 1098 | L21 | 60 V | 40 V | 5 V | 500 ma | 150 C | 560 MWF |  |  | 180 MN | 2 MA | AMG | SEU |  |  | 0 |
| 2N4427 | RS | 1039 | LO4 | 40 V | 20 V | 2 V | 400 MA | 200 C | 1WF | 500M | 4 P | 10/200 | 100MA | VAP | MCB |  |  | 0 |
| ( $\begin{aligned} & \text { 2N4428 } \\ & \text { en4436 }\end{aligned}$ | NS | 1039 1016 | L04 | 55 V 6 VV | 35 v 30 V | $3 v 5$ $5 v$ | 425 MA 500 MA | 1200 C | 3500 MWC 1200 NWF | 700 M 250 N | $3 P 5$ 8 P | $20 / 200$ $40 / 120$ | 50 MA 150 MA | UMP | MOB | BSW6 4 | 2N2222A | 右 |


| TRANSISTOR NUMBER | $\begin{gathered} \text { PM } \\ \mathbf{O A} \\ \mathbf{L T} \end{gathered}$ | $\begin{array}{r} \text { PACK- } \\ \text { AGE } \end{array}$ | $\begin{array}{\|c\|c\|} \hline \text { LEAD } \\ \text { INFO } \end{array}$ | vCB MAX | $\begin{gathered} \text { VCE } \\ \text { MAX } \end{gathered}$ | VEB MAX | $\stackrel{{ }_{\text {IAX }}^{C}}{C}$ | $\begin{gathered} \mathrm{T} \\ \mathrm{MAX} \end{gathered}$ | тот | $\begin{array}{ll} F & C_{0 B} \\ \text { MIN } & \text { MAX } \end{array}$ | $\mathbf{H E}_{\text {FE }}$ | $\begin{gathered} \mathrm{H}_{\text {FE }} \\ \text { BIAS } \end{gathered}$ | USE | MFR | EURO EQVT． | $\begin{aligned} & \text { USA } \\ & \text { EQVT. } \end{aligned}$ | ISS |
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| $2 \times 4437$ | NS | 10106 | 117 | 60 V | 30 V | 5 v | 500MA | 1250 | 200 MWF | 250M 8P | 100 MN | 150 MA | RMG | FCU | BSW64 | 2N2222A | 0 |
| 2N4441－44 | It |  |  |  |  |  |  |  |  |  |  |  | THY | MOE |  |  | 0 |
| 2N4445－48 | FE |  |  |  |  |  |  |  |  |  |  |  | FET | $1{ }^{18}$ |  |  | 0 |
| 2N4449 | NS | 1018 | LCl | 15 V | 15 V | 4 V | 200MA | 175C | 300 MWF | 500M 4P | 20MN | 10 ma | ULS | SG I | BSX20 | 2N2369 | 0 |
| 2N4450 | NS | 1046 | L01 | 60 V | 30 V | 5 v | 500MA | 200C | 360 MWF | $250 \mathrm{M} \mathrm{8P}$ | 100 mN | 150 MA | RMG | FCU | BSW64 | 2N2222A | 0 |
| 2＾4451 | PS | 1046 | 101 | 12 V | 12 | 4 V | 100 MA | 2000 | 300 MWF | 400～6P | 40／150 | 30 MA | RLS | FCU | BSW25 | 2N3546 | 0 |
| 2N4452 | PS | 1046 | LCl | 45 V | 45 V | 5 V | 600 MA | 200 C | 35 CMWF | 200M 8P | 115 MN | 5 CMA | RMS | FCU | BSW24 | 2N2907A | 0 |
| 2N4453 | PS | 1046 | L01 | 18 V | 18 v | 5 V | 200MA | 2006 | 300 MWF | $400 \mathrm{M} \mathrm{6P}$ | 40／120 | 1 CmA | RLS | FCU | B SW25 | 2N3546 | 0 |
| 2N4851－53 | UJ |  |  |  |  |  |  |  |  |  |  |  | UJT | MOB |  |  | 0 |
| 2＾4854－55 | s |  |  |  |  |  |  |  |  |  |  |  | DUA | MC8 |  |  | 0 |
| 2＾485t－55 | FE |  |  |  |  |  |  |  |  |  |  |  | T | MOE |  |  | 0 |
| 214860－61 | FE |  |  |  |  |  |  |  |  |  |  |  | FET | NOB |  |  | 0 |
| 2N4862 | NS | 104t | 101 | 140 V | 120 V | 8 V | 2 A | 200C | 400 MhF | 50 M | 50／150 | 5 Coma | ANH | SCT | BFR25 | 2N4390 | 0 |
| 2N4867－69 | FE |  |  |  |  |  |  |  |  |  |  |  | FET |  |  |  | 0 |
| 2N4870－71 | UJ |  |  |  |  |  |  |  |  |  |  |  | UJT | MOB |  |  | 0 |
| 2N4877 | NS | 1039 | 104 | 70 V | 60 V | 5 V | 4 A | 20cc | 1 wF | $4 N$ | 201100 | 4 A | HG | Mce | BSV64 | 2N4877 | 0 |
| 2N4881－8 | FE |  |  |  |  |  |  |  |  |  |  |  | FFT |  |  |  | － |
| 2N4890 | PS | 1039 | 104 | 60 V | 40 v | sv | 500 MA | 2000 | 1 WF | 100 M 15 P | $50 / 250$ | 150 MA | RNG | MOB | BFX29 | 2N2905A | 0 |
| 2N4891－94 | しJ |  |  |  |  |  |  |  |  |  |  |  | UJT |  |  |  | 0 |
| $2 \wedge 4895$ | $n s$ | 1039 | L04 | 120 V | 60 v | 6 V | 5 A | 2000 | 7 hC | 50 N 90 P | 40 MN | 2 A | AHG | SGI | BSV64 | 2N4 877 | 0 |
| 2N4896 | NS | 1039 | 104 | 120 V | 60 | 6 V | 5 A | 2000 | C | $80 \mathrm{M} \mathrm{80P}$ | 100nn | 2 A | AHG | SGI | BSV64 | 2N4877 | 0 |
| 2N4897 | $\wedge S$ | 1039 | L03 | 150 V | 80 V | 6 V | 5 A | 200 C | 7 WC | 50 M BOP | 40 MN | 2 A | AHG | SGI | BSV64 | 2N4877 | 0 |
| 2＾4998 | PS | 1066 | L43 | 40 V | 40 V | 5 V | 4 A | 2006 | 25WC | 3 M 10 CP | 20／100 | 500 MA | RHG | MOB | BC×14 | 2N3740 | 0 |
| 2N4899 | PS | 1066 | 143 | 60 V | 60 V | 5 V | 4 A | 2000 | 25 hC | 3 N 10 CP | 20／100 | 500 MA | RHG | MOB | BD×14 | 2N3740 | 0 |
| 2N4900 | PS | 1066 | L43 | 80 V | 80 v | 5 V | 4 A | 200c | 25 hC | 3 NLOOP | 20／100 | 500 mA | RHH | MOR | BD×16 | 2N3741 | 0 |
| 2N4901 | PS | 103 | L05 | 40 | 40 V | 5 v | 5 A | 200 | WC | 4 M | $0 / 80$ | $A$ | RHG | MOB |  | 2N 379 | 0 |
| 2N4902 | PS | 103 | 105 | 60 V | to | 5 V | 5 A | 2006 | 87 hC | $4 N$ | 20／80 | 1 A | RHH | MOE |  | 2N3792 | 0 |
| 2ヘ4903 | PS | 103 | L05 | BCV | 80 V | 5 v | 54 | 2000 | C | 4 M | 20180 | 1 A | H | MOB |  | 2N3792 | 0 |
| 214904 | pS | 103 | LC5 | 4 cV | 40 V | 5 V | 5 A | 2 COC | 87 nC | 4 N | 25／50 | 2500MA | G | rob |  | 2N3792 | － |
| 2N47C5 | os | TC3 | L05 | 60 V | 60 V | 5 v | 5 A | 200 C | 87 hC | 4 M | 25／50 | 250 CMA | RHH | MOE |  | 2N3792 | － |
| 214406 | PS | TC3 | L05 | 8 CV | 80 V | 5 V | 5 A | 2000 | C | 4M | $25 / 50$ | 2500 MA | H | MOB |  | 2N3792 | 0 |
| 2N4910 | NS | 1066 | 143 | 40 V | 40 V | 5 V | 4 A | 200c | 25 hC | 3 N | 20／100 | 500 MA | RHG | MOB | BDY7 | 2N5050 | 0 |
| 2N4911 | NS | T066 | 143 | 60 V | 60 V | 5 V | 4 A | 2000 | 25 WC | 3 N | 20／100 | 500 MA | H | NCB | BCyr8 | 2N5050 | 0 |
| 2 n 4912 | ns | T066 | 143 | 80 V | 90 V | 5 v | 4 A | 200C | 25 WC | 3 M | 20／100 | 5 COMA | RHG | MOB | BCY79 | 2N5050 | 0 |
| 2N4S13 | NS | 103 | LOS | 40 V | 40 v | 5 v | 5 A | 200 C | 37 WC | 4M | 25／100 | $2500 \mathrm{~mA}$ | RHG | MOB | 80Y 74 | 2N3442 | 0 |
| 2＾4914 | ns | 103 | LO | 6 CV | 60 V | 5 V | 5 A | 2 COC | 87 WC | 4 N | 25／100 | 2500 mA | RHG | M08 | BCY74 | 2 N | － |
| $2 \wedge 4915$ | NS | 103 | LC5 | 8 CV | 30 V | 5 V | 5 A | 200C | 87 hC | 4 N | 25／100 | 2500 MA | RHH | NoE | BCY74 | 2N3442 | 0 |
| 2N4916 | PS | 10106 | L17 | 30 V | 30 V | 5 V | 100 NA | 125C | 200 MhF | 400 N 5 P | 70／200 | 10 MA | RLG | SGI | BSW24 | 2N2907A | 0 |
| 2＾4917 | PS | T 10106 | L17 | 30 V | 30 v | 5 V | locra | 125 C | 200 MWF | 450 M 5 P | 150 MN | 10 MA | RLG | SGI | BSW24 | 907 A | 0 |
| 2N4918 | PS | 10126 | L31 | 40 V | 40 v | 5 V | 3 A | 150 C | 30 WC | 3M100P | $20 / 100$ | 500 ma | AHG | MOB | 8D238 | 2N4920 | 0 |
| 214919 | PS | 10126 | L31 | 60 | 60 V | 5 V | 3 A | 1500 | 30 nc | 3 N 100 P | 20／100 | 5 COMA | AHG | NOL | BD238 | 2N4920 | 0 |
| 214920 | OS | 10126 | L31 | 8 cV | 8 CV | 5 V | 3 A | 150 C | 30 WC | 3 N 100 P | 20／100 | 5 COMA | AHH | NOU | 30238 | 2N4920 | 0 |
| 2N4921 | NS | 10126 | L31 | 40 V | 40 V | 5 v | 3 A | 150 C | 3 chC | 3 MlOOP | 20／100 | 500 MA | G | MOS | BD237 | 2N4923 | 0 |
| 2N4922 | AS | 10126 | L31 | 60 V | 60 V | 5 v | 3 A | 150 C | 3 CWC | $3 \mathrm{M1OCP}$ | 20／100 | 500 MA | AHG | MOL | BD237 | 2N4923 | 0 |
| 214923 | ns | 10126 | L31 | 80 V | 80 V | 5 V | 3 A | 150C | 30 WC | 3M100P | $20 / 100$ | 500 MA | AHH | mou | BC237 | 2N4923 | 0 |
| 2N4924 | NS | 1039 | LC5 | 100 V | 10 | 5 V | 200～a | 175C | 1 lnF | 100M 10P | 40／200 | 15cna | RMH | NOB | BSW66 | 2N1893 | 0 |
| 214925 | ns | T039 | LC5 | 150 V | 150 v | 5 v | 200～A | 1750 | 1WF | 100M 109 | 40／200 | 15 cma | RMH | MOB | BSW66 | 2N1893 | 0 |
| 2N4926 | NS | 1039 | LC4 | 200 V | 200 V | 7 V | 50 mA | 1750 | in | 30M 6P | 20／200 | 3 CmA | ALE | MOB | BF337 | 2N4927 | 0 |
| 2N4927 | AS | 1039 | L04 | 250 V | 250 V | $7 v$ | Sona | 1750 | 1 k | 30 N 6 P | 20／200 | 30 MA | ALE | moe | BF337 | 2N4927 | 0 |
| 2N4928 | PS | 1039 | L04 | 100 V | 100 V | 4 V | 100 MA | 2000 | 600 MWF | 100N 6P | 25／200 | 200 Na | ALH | MOB |  | 2N4928 | － |
| 2N4929 | PS | 1039 | 104 | 150 V | 15 | 4 V | 500 ma | 2000 | 1 WF | 100 M 10 P | 25／200 | 10 MA | ME | MOP |  | 2N4931 | 0 |
| 2N4930 | PS | 1039 | LC4 | 200 V | 200 V | 4 v | 500 MA | 200 C | 1wF | $20 M 20 P$ | 20／200 | 10 MA | AME | м CB $^{\text {a }}$ |  | 2N4931 | － |
| 2＾4931 | PS | 1039 | 104 | 25 cv | 250 V | 4 V | 500 mA | 2006 | 1WF | 20M 20P | 20／200 | 20 MA | ANH | MOB |  | 2N4931 | 0 |
| 2N4937－39 | PS |  |  |  |  |  |  |  |  |  |  |  | CUA | Mce |  |  | 0 |
| 2ヘ4940－42 | PS |  |  |  |  |  |  |  |  |  |  |  | cua | MOE |  |  | － |
| 2N4943 | NS | 105 | 104 | 120 V | 80 V | JV | g00na | 200C | 800 MhF | 150 M 12 P | 100n | 150 MA | ANH | NAT | BSW66 | 2N1893 | 0 |
| 2N4744 | ns | T0106 | 117 | 80 V | 40 v | $5 v$ | 500ma | $125 C$ | 600 MWF | 60 M 25 P | 40／120 | 150 MA | AMG | FCL | BC 338 | 2N5818 | 0 |
| 2N4945 | AS | 10106 | 117 | 80 V | 60 v | 5 V | 500mA | 1256 | 600 MWF | 60 N 20 P | 40／120 | 150 MA | AMG | FCU | BC338 | 2N5818 | 0 |
| 214946 | NS | T0166 | 117 | 80 V | 40 V | 5 V | 500 MA | $125 C$ | 60 cmmF | 60～ 25 P | 100 mN | 15 CMA | AMG | FCU | BC338 | 2N5818 | 0 |
| 2N4947 | UJ |  |  |  |  |  |  |  |  |  |  |  | UJT |  |  |  | 0 |
| 2N4948－49 | UJ |  |  |  |  |  |  |  |  |  |  |  | UJT | MCB |  |  | 0 |
| 2N4951 | NS | 1098 | L21 | 60 V | 30 V | 5 V | 500 NA | 1500 | 360 MhF | 250 N 8 P | $60 / 200$ | 150 MA | VAS | SEL | BSW64 | 2N2222A | 0 |
| 2ヘ4952 | AS | T098 | L21 | 60 V | 30 V | 5 V | 500 ma | 150C | 360 MmF | 250N 8P | 100 mN | 150 NA | VMS | SEU | BSW64 | 2N2222A | － |
| 214953 | NS | 1098 | L21 | 50 V | 30 V | 5 V | 500 mA | 150 C | 36 CMWF | 250 N 8 P | 20 Mm | 150 MA | VMS | SEU | BSW64 | 2N2222A | 0 |
| 2N4954 | NS | 1098 | L21 | 40 V | 30 V | 5 V | 500 MA | 150 C | 360 MhF | $250 \mathrm{M} \mathrm{8P}$ | 60／600 | 150 MA | VMS | SEU | BSW64 | 2N2222A | 0 |
| 2＾4957 | PS | 1072 | L06 | 30 V | 30 V | 3 v | 30 MA | 2006 | 200 MWF | 1200M OP8 | 20MN | 2 MA | ULC | MOB |  |  | 0 |
| 2N4958 | PS | 1072 | 106 | 30 V | 30 V | 3 v | 30 MA | 200 C | 200MWF1 | $1000 \mathrm{M} \mathrm{OP8}$ | 20 MN | 2MA | ULG | MOB |  |  | － |
| 2N4959 | PS | 1072 | L06 | 30 V | 30 V | 3 V | 30 MA | 200C | 200MWF 1 | 1000M OP8 | 20 mN | 2 MA | ULG | MOB |  |  | － |
| 2N4960 | NS | 5039 | LC4 | 60 v | 60 V | 6 V | 1 A | 200 C | 800 MWF | 250M 15 P | 100 MN | 15 CmA | RMG | FCU | BSWS4 | 2N2219A | 0 |
| 2N4961 | NS | 1039 | 104 | 80 V | 80 v | 6 V | 1 A | 2006 | 500 MWF | 250M 15 P | 100 mN | 150 mA | RMG | FCU | BSW54 | 2N2219A | 0 |
| 2N4962 | NS | 1018 | 101 | 60 V | 60 V | 6 V | 1 A | 2000 | 800 MWF | 250N 15P | 100 mN | 150 MA | RMG | fCU | BSW64 | 2N2222A | 0 |
| $2{ }^{1} 4963$ | NS | 1018 | LC1 | 80 V | 80 V | 6 V | 1 A | 200 C | 500 MhF | 250N 150 | 100 mN | 150 MA | RMG | FCU | BSW64 | 2N2222A | o |
| 2N4964 | PS | T0106 | LO1 | 50 V | 50 V | 5 V | 100 ma | 125 C | 200 MWF | 60M 8P | 30／120 | $10 \cup 4$ | ALN | FCU | BC179 | 2N3965 | 0 |
| 2N4965 | PS | T0106 | LC1 | 50 V | 40 V | 5 V | 100ma | 125 C | 200 MWF | $60 \mathrm{M} \mathrm{8P}$ | $80 / 400$ | 1 cua | al N | FCU | BC179 | 2N3965 | 0 |
| 2N4966 | NS | T0106 | 117 | 50 V | 40 V | 6 V | 30 MA | 1256 | 200 MWF | $40 \mathrm{M} \mathrm{9p}$ | 45 MN | 100UA | ALG | FCU | BC 207 | 2N4966 | 0 |
| 214967 | AS | 10106 | 117 | 50 V | 40 V | 6 V | 30MA | 125C | 200MhF | 40M 9P | 115 MN | i coua | ALN | FCU | BC209 | 2N4967 | 0 |
| 2N4968 | NS | T0106 | L17 | 30 V | 25 V | 6 V | 30 MA | 125 C | 20 CMWF | 40M 9P | 40／200 | $10 \cup 4$ | AL G | FCU | BC207 | 2N4966 | 0 |
| 2N4969 | NS | 10106 | 117 | 50 V | 30 V | 5 V | 500 mA | 125 C | 200 MWF | 150M 6P | 40／120 | 150 MA | ang | FCU | BC 338 | 2N5818 | 0 |
| 2N4970 2N4971 | NS | 10106 10106 | L17 117 | 50 V 50 V | 30 V | 5 V | 500 mA | 1256 1256 | $\left\lvert\, \begin{aligned} & 200 \mathrm{MWF} \\ & 200 \mathrm{MWF}\end{aligned}\right.$ | $200 \mathrm{M} 12^{\circ}$ | 100MN | 150 MA | AMG | FCU | BC 338 | 2N5818 | O |


| TRANSISTOR NUMBER | $\begin{gathered} \text { PM } \\ \text { OA } \\ \text { LT } \end{gathered}$ | PACK- | $\left\|\begin{array}{l} \text { LEAD } \\ \text { INFO } \end{array}\right\|$ | VCB MAX | VCE MAX | VEB MAX | $\mathbf{I}_{0}$ MAX | $T$ MAX | TOT | $\left\lvert\, \begin{array}{ll} F_{1} & C_{0 B} \\ \text { MIN } & \text { MAX } \end{array}\right.$ | $\mathbf{H}_{F E}$ | $\begin{gathered} H_{\text {FE }} \\ \text { BIAS } \end{gathered}$ | USE | MFR | $\begin{aligned} & \text { EURO } \\ & \text { EQVT. } \end{aligned}$ | $\begin{aligned} & \text { USA } \\ & \text { EQVT. } \end{aligned}$ | ISS |
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| 2N4972 | PS | T01C6 | L17 | 50 V | 40 V | 5 V | 500NA | 1250 | 200MWF | 200M 8P | 100 mN | 150ma | ang | NAT | eC 328 | 2N5819 | 0 |
| 2N49 | PS | 1012 | L62 | 40 V | 30 V | 10 V | 1 A | 2006 | 800 MWF | 175N 8P | 30 KMN | Ioma | AL D | MOB |  | 2N4974 | 0 |
| 2^4975 | PS | 1012 | L62 | 40 V | 30 V | 10 V | 14 | 2006 | 800 NmF | 175N 8P | 15 KMN | loma | ALD | MOR |  | 2N4974 | 0 |
| 2N4977-79 | FE |  |  |  |  |  |  |  |  |  |  |  | FET |  |  |  | 0 |
| 2^4983-89 | IH |  |  |  |  |  |  |  |  |  |  |  | thy |  |  |  | 0 |
| 2N499C-92 | It |  |  |  |  |  |  |  |  |  |  |  | Y |  |  |  | 0 |
| 2N4993 | S |  |  |  |  |  |  |  |  |  |  |  | $\begin{aligned} & B D S \\ & U H P \end{aligned}$ | MCB |  |  | $l_{0}^{0}$ |
| 2N5016 2N5018 | NS <br> FE | 1060 | L $\in 1$ | 65 V | 3 CV | 4 V | 950 ma | 2 COC | 30 WC | 500~ 25 f | 10/200 | 50 cma | $\operatorname{UHP}_{\text {FET }}$ | NOB |  |  | $\left\lvert\, \begin{aligned} & 0 \\ & 0 \end{aligned}\right.$ |
| 2N5020-21 | FE |  |  |  |  |  |  |  |  |  |  |  | FEI |  |  |  | 0 |
| こN5022 | ps | 1039 | LC3 | 5 CV | 50 V | 5 V | 500MA | 2006 | 1 hF | 170N 25F | 25/100 | 500~A | RHS | CU |  |  | 0 |
| 2^5023 | PS | 1039 | L03 | 30 V | 30 V | 5 V | 500 MA | 200 C | 1 lFF | 200N 25P | 40/100 | 50 cma | RHS | FCU |  |  | 0 |
| 2N5029 | NS | 1098 | L21 | 40 V | 15 V | 4 V | 200nA | 175 C | 320 MWF | 500M 4P | 40/120 | 1 CmA | VLS | GEU | 85×20 | 2N? 369 | 0 |
| 2N5030 | NS | 1098 | L21 | 30 V | 12 V | 4 V | 200MA | 175C | 320 MWF | 400M 4P | 30 MN | 1 CMA | VLS | GEU | BS $\times 20$ | 2N2369 | 0 |
| 2N5031 | ns | T012 | L06 | 15 V | 10 V | 3 V | 20NA | 2006 | 200 MmF | 1 C 185 | 25/300 | 1 MA | ULA | m08 | BFY90 |  | 0 |
| 2^5032 | NS | 1072 | LC6 | 15 V | 10 V | 3 V | 20 MA | 2 COC | 20CNWF | 16195 | 25/300 | iNa | A | Nod | bfyac | 2N2857 | 0 |
| 2N5033 | FE |  |  |  |  |  |  |  |  |  |  |  | FEt |  |  |  | 0 |
| 2^5038 | NS | 103 | LC5 | 120 V | 90 V |  | 20 A | 200 C | 140 WC | 60 M | 20/100 | 12A | VHG | SEU |  | 2N5038 | 0 |
| $2 \wedge 5040$ | PS | 10105 | L04 | 25 V | 25 V | 5 v | 1 1A | 1250 | 300 MWF | 100M 35P | 30 MN | 150 Na | ANG | FCU | BFS95 | 2 N 4036 | 0 |
| 2N5041 | PS | TO1C5 | LO4 | 40 V | 40 V | 5 V | 1 A | 125 C | 300 MWF | 80N 35P | 40/150 | 150 MA | ANG | FCU | BFS95 | 2N4036 | 0 |
| 215042 | PS | T039 | LC4 | 40 V | 40 v | 5 V | 1 A | 2000 | 800 NWF | 100M 35p | $40 / 150$ | 150NA | MG | FCU | BFS93 | 2N4037 | 0 |
| 2N5045-47 | FE |  |  |  |  |  |  |  |  |  |  |  | FET | TIB |  |  | 0 |
| 2N50 50 | As | 1066 | 143 | 125 V | 125 | 6 V | 2 A | 1756 | 40 W | 10M250P | 25/100 | 750 Ma | RHH | MOB | BuY79 | 2N5050 | 0 |
| $2 \wedge 5050$ | As | 1066 | 143 | 125 V | 225 V | 6V | 2 A | 175 C | 40 WC | 10N250P | 251100 | 750 MA | RHH | M03 | BCY79 | 2N5050 | O |
| 2^5051 | NS | 1066 | 143 | 15 CV | 150V | 6 V | 2 A | 1750 | 4 chC | 10N250P | 25/100 | 75 cma | KHH | Not | BCyIG |  | 0 |
| 2N5052 | AS | T066 | L43 | 200 V | 200 v | 6 V | 2 A | 1750 | 40 WC | 10M250P | 25/100 | MA | RHH | MCB |  | 8 | 0 |
| 2N5055 | PS | 10106 | L17 | 12 V | 12 V | 4 V | 100MA | 1250 | 200 MWF | $550 \mathrm{M} \mathrm{4P5}$ | 30/100 | 30 Ma | VLS | NAI | BSW25 | N3546 | 0 |
| 2N5056 | PS | T018 | LO 1 | 15 V | 15 V | 4 V | 100NA | 2006 | 360 Mh | 600N 4P5 | 30/100 | A | VIS | NAI | BSW25 | 2N354t | 0 |
| 2^5057 | PS | T018 | LCl | 15 V | 15 V | 4 V | 100NA | 200c | 360 MmF | 800N 4P5 | 40/100 | 30 MA | VLS | nat | BSW25 | 2N3546 | 0 |
| 2^5060-64 | Tr |  |  |  |  |  |  |  |  |  |  |  | thy | MOB |  |  | 0 |
| EN | AS | 103 | LC5 | 40 V | 4 CV | 5 V | 5 A | 2000 | 876 | 4M | 20180 | 14 | RHG | MCB | E0Y24 | 8 | 0 |
| $2 \lambda$ | As | 103 | L05 | 60 V | 60 V | 5 V | 5A | 2006 | 87 W | 4M | 20180 | 14 | RHG | MOB | BCY24 | 3448 | 0 |
| 2N5069 | NS | 103 | LC5 | 8 CV | 80 V | 5 V | 54 | 2006 | 87 hc | 4 N | 20/80 | 14 | RHH | MOP | B0Y24 | 2N3448 | 0 |
| 215070 | NS | T06C | L6 1 | 65 V | 30 V | 4 V | 1 CA | 200 C | 70 Wc | 100N 35P | 10/100 | 3 A | VHP | MOE |  |  | 0 |
| 215078 | FE |  |  |  |  |  |  |  |  |  |  |  | FET |  |  |  | 0 |
| $2 N$ | PS | 109 | L14 | 50 V | 50 V | 3 V | 50 Na | 1350 | 310 Mn | 40 N 4 P | 150 Nn | ina | ALG | MCL | EC 32C | 5086 | - |
| 2 | PS | ros2 | L14 | bov | 50 V | 3 v | SOMA | 1350 | 310 MNF | 40 N 4 P | 250 M | 1 Na | ALN | MOU | BC322 | 2N5087 | 0 |
| 2^5 | NS | 1092 | L14 | 35 V | 30 V | 3 v | 50 MA | 135 C | 310 MmF | 4 F | 300 N | 1 COUA | ALN | FCU | BC344C | 2N3704 | c |
| 2N5089 | NS | 10\%2 | L14 | 30 V | 25 V | 3 v | 50 ma | 135 C | 310 MkF | 4 P | 400 MN | 1 00UA | ALN | FCU | BC 349 C | 2N3904 | 0 |
| 2^5090 | As | T060 | LE1 | 55 V | 30 V | $3{ }^{3} 5$ | 40 CNA | 200 C | 7WC | 500M 3P5 | 10/200 | 50 mA | UMP | mCB |  |  | 0 |
| 2N5103-0 | FE |  |  |  |  |  |  |  |  |  |  |  | FET |  |  |  | 0 |
| 2^5108 | As | 1039 | L04 | 55 V | 30 V | 3 V | 400NA | 2000 | 3500 MFF 1 | l200n 3p | 10 NN | 1 COMA | SMP | MOA |  |  | 0 |
| 2^5109 | AS | 1039 | LC4 | 40 V | 2 CV | 3 v | 400 MA | 200 C | 350 CNWC 1 | 1200 M 3 PS | 40 MN | 50 MA | UMA | mot |  |  | 0 |
| 2N5114-16 | FE AS |  |  |  |  |  |  |  |  |  |  |  | FFI | FĊl |  |  | 0 |
| 2N5127 | As | 10166 | L17 | 20 V | 12 V | 3 V | loCmA | 125 C | 200MWF | 150 M 3P5 | 15/300 | 2NA | alg | FCl | 8 CC 207 | $2 \times 4986$ | 0 |
| 20 | NS | 1010 | L17 | 15 V | 12 V | 3 V | s00ma | 1256 | 200 NhF | 150N 10F | 35 NN | 5 CMA | ANG | FCU | HC33 | 2 N 5818 | 0 |
| 2N | NS | TO106 | L17 | 15 V | 12 V | 3 V | S00NA | 1250 | 300 MhF | 150 N 10 P | 35 NN | 5 CNA | AMG | FCU | BC 338 | 2N5818 | - |
| 2^5130 | As | T0106 | L17 | 30 V | 12V | 1 V | 50 NA | 1250 | 200Minf | $450 \mathrm{M} \mathrm{3P}$ | 12 MN | gna | VLA | FCL | BF×73 | 2 N 918 | 0 |
| 2N5131 | as | 10106 | L17 | 20 V | 15 V | 3 V | 200 MA | 1256 | 200 MWF | 100 M 6P | $30 / 500$ | 10 MA | ALG | FCU | BC 2.07 | 2N4966 | 0 |
| 2N5133 | NS | 10106 | L17 | 20 V | 18 V | 3 V | ¢CMA | 1250 | 200 MmF | $4 \mathrm{JN} \mathrm{8P}$ | 60 mN | 1 NA | ALN | SGI | BC 209 | $2 N 4967$ | 0 |
| 2N5134 | NS | 10106 | 117 | 20 | 10 V | 3 V | 100 ma | 125C | 20CNWF | 250~ 4 F | 20/150 | 1 cma | VLS | FCU | BS×2C | 2N2369 | 0 |
| 2N513t | NS | T0105 | L04 | 30 V | 20 V | 3 v | 500 MA | 125 C | 220 MWF | 40 M 35P | 20/400 | 150 MA | ANG | SGI | HSX 33 | 2N731 | 0 |
| 2N5137 | As | T0106 | 1.17 | 30 V | 20 V | 3 V | 500 NA | 1250 | 300 MWF | 40 M 35 P | 20/400 | 150 Na | AMG | FCU | BC 338 | 2N5818 | 0 |
| 2^5138 | PS | 10106 | L17 | 30 V | 30 V | 5 V | 100MA | 1250 | 200 MWF | 40 M 7P | 50/800 | 100UA | AL N | SG I | BC 206 | 2N4 250 | 0 |
| EN5139 | PS | TOLCE | 177 | 20 V | 20 V | 5 V | 100 ma | 1256 | 200 NFF | 300N 5P | 40 NN | lMA | ALG | Mat | BC 307 | 2N6015 | 0 |
| 2N5140 | PS | 10106 | L17 | 5 | 5 V | 4 v | SONA | 125C | 200 NWF | 400 N 5 P | 20/140 | 1 CMA | VLS | NAT | BSW25 | $2 N 3546$ | 0 |
| 2N5141 | ps | 10106 | 117 | 6 V | 6 V | 4 V | 150 MA | 1250 | 200 MWF | 300M 7P | 30 MN | 3 CMA | VLS | NAT | BSW25 | 2N3546 | 0 |
| 2N5142 | PS | T0105 | 104 | 20 V | 20 V | 4 V | 500~A | 1250 | 300 MhF | 100N 10P | 30 mN | 50 NA | AMG | NAT | BFS95 | 2 N 4036 | 0 |
| $2 \times 5143$ | Ps | T0106 | 1.04 | 20 V | 20 V | 4 V | 500 MA | 1250 | 300 NWF | 100N 10 P | 30 MN | 50 MA | AMG | NGI | BC328 | 2N5819 | 0 |
| 215144 | NS | 1018 | LCl | 50 V | 30 V | 6 V | 500 MA | 175 C | 36 CNHF | 30UN 12 P | 60/150 | lCOMA | RMS | SGI | BSW64 | 2N2222 | 0 |
| 205145 | AS | 1039 | LC4 | sov | 30 V | 6 V | 500 ma | 175C | 800MWF | $300 \mathrm{M} \mathrm{12P}$ | $60 / 150$ | 1 cona | VMS | SGI | BS×55 | 2N3725 | - |
| 215146 | PS |  |  |  |  |  |  |  |  |  |  |  | GUA | MOR |  |  | 0 |
| EN5155 | PG | 103 | LC5 | 140 V | 120 V | 1 V | 258 | 110 C | 1 CbnC | 100k | 25/100 | 84 | AHE | MOE | ${ }^{\text {AU106 }}$ |  | 0 |
| $2 \wedge 5157$ | AS | T03 | L05 | 700V | 400 V | 6 V | 500 NA | 2000 | 100 WC 2 | 2800 K 150 P | 30/97 | 14 | RHE | MOB | BU105 | 2N5157 | 0 |
| 2ヘ5158-59 | FE |  |  |  |  |  |  |  |  |  |  |  | FET |  |  |  | 0 |
| 2N5160 | PS | 1035 | 104 | 60. | 40 V | 4 V | 400 NA | 200C | 5wC | 500M 4P | 10 MN | 50Ma | UNP | MCB |  |  | 0 |
| 2N5161 | PS | 1960 | 161 | 60 V | 40 V | 4 V | 500 ma | 2006 | 20 NC | 500~ 15 P | 10 MN | 250 MA | VMP | MOB |  |  | 0 |
| 2^5162 | PS | 106C | L61 | 6 CV | 40 V | 4 V | 5 A | 200C | 5 CWC | 500 N 60 P | $10^{\mathrm{NN}}$ | 2 A | VHD | moe |  |  | 0 |
| 2N5163 2 ¢ $5164-69$ | FE |  |  |  |  |  |  |  |  |  |  |  |  | MOB |  |  | - |
| 2N5164-69 | TH |  |  |  |  |  |  |  |  |  |  |  |  | MOB |  |  |  |
| -N517C-71 | It |  |  |  |  |  |  |  |  |  |  |  | THY | MCE |  |  | 0 |
| 2^5172 | AS | T098 | L21 | 25 V | 25 V | $5 v$ | 100Na | 1750 | 200 mhF | 10P | 100 MN | 10 Ma | ALG | GEU | PBC 107 | 2N5309 | 0 |
| 2^5174 | NS | 1098 | L21 | sov | 75 V | $5 v$ | 25 MA | 125 C | 200 MWF |  | 40 MN | 1 CMA | ALH | GEU | BSX21 | 2N1990R | 0 |
| 2N5175 | NS | 1098 | L21 | 130 V | 100 V | 5 V | 25 Na | 125 C | 200 MWF |  | 55 N | 10 MA | ALH | GFU | BSX21 | 2N1990R | 0 |
| 2N5176 | NS | 1098 | L21 | 130 V | 100V | 5 V | 25 NA | 125C | 200 MWF |  | 140 MN | l0MA | AL | GEt | BS $\times 21$ | 2N1996R | 0 |
| 2N5179 | NS | 1072 | LC6 | 20 V | 12 V | 2 V | soma | 20 CC | 20 CMHF | 900~ 1 P | 25/250 | 3MA | ULA | Nou | BFY90 | 2N2857 | 0 |
| 2^5189 | NS | 1039 | 104 | 60 V | 35 V | 5 V | 2 A | 200 C | 1 WF | 250 M | 15 NN | 1 A | VMG | RCU | BSS14 | 2N3735 | 0 |
| 2N5190 | NS | 10126 | L31 | 40 V | 40 V | 4 V | 4 A | 150 C | 40 WC | ${ }_{2}^{2 M}$ | $25 / 100$ | 1500 MA | AHG | Mou | 80441 | 2N5192 2N5192 | O |
| 2N5191 2N5192 | NS | 10126 | 131 | 60 V 80 V | 60V | 4 C | 4 A | $150 C$ $150 C$ | 40 WC 4 CWC | 2M | 25/1080 | 1500 MA | AHH | MOU | B0441 | 2N5192 | 0 |


| TRANSISTOR NUMBER | $\left\|\begin{array}{c} \text { PM } \\ \text { OA } \\ \text { LT } \end{array}\right\|$ | $\begin{array}{r} \text { PACK- } \\ \text { AGE } \end{array}$ | $\left.\begin{array}{\|l\|l\|} \text { LEAD } \\ \text { INFO } \end{array} \right\rvert\,$ | VCB MAX | $\begin{gathered} \text { VCE } \\ \text { MAX } \end{gathered}$ | VEB MAX | ${ }_{\operatorname{MAX}}^{\mathbf{c}}$ | $T$ MAX | тот | $\begin{array}{ll} F_{\mathrm{T}} & \mathrm{C}_{\mathrm{OB}} \\ \text { MIN } & \text { MAX } \end{array}$ | $H_{F E}$ | $\stackrel{{ }_{\mathrm{HI}}^{\mathrm{FE}}}{\text { BIAS }}$ | USE | MFR | $\begin{aligned} & \text { EURO } \\ & \text { EQVT. } \end{aligned}$ | $\begin{aligned} & \text { USA } \\ & \text { EQVT. } \end{aligned}$ | ISS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2N5193 | PS | 10126 | L31 | 40 V | 4 CV | 4 V | 4 A | 150 C | 40 WC | 2 M | 25/100 | 1500 ma | AHG | MOU | BD442 | 2N5195 | 0 |
| 2N5194 | PS | 10126 | L31 | 60 V | 60 V | 4 V | 4 A | 150 C | 4 CWC | 2 N | 25/100 | 1500 MA | AHH | MOU | BD442 | 2N5195 | 0 |
| 2^5195 | PS | 10126 | L31 | 80 V | 80 V | 4 V | 4 A | 150C | 40wC | 2M | 20/80 | 1500 MA | AHH | MOL | 80442 | 2N5195 | 0 |
| 2N5196-99 | FE |  |  |  |  |  |  |  |  |  |  |  | FET |  |  | 2N2857 | 0 |
| 2N5201 | NS | 104t | L01 | 20 V | 20 V | 4 V | 100ma | 25cc | 30 CMhF | 1100 M 2P5 | 75/150 | 1 CMA | ULA | FCU | BFY90 | 2N2857 | 0 |
| 2N5204-07 | it |  |  |  |  |  |  |  |  |  |  |  | THY | SEU |  |  | 0 |
| 2N5208 | PS | 1092 | L14 | 30 V | 25 V | 3 V | 50 MA | $135 C$ | 31 CMWF | 300 N 1 P | 20/120 | 2 MA | VLA | MOB | BF497 |  | 0 |
| 2^5209 | NS | T092 | L14 | 50 V | 50 V | 4V | 50 ma | 130 C | 310 MWF | 30 N 4 P | 150 MN | 1 MA | ALG | MOU | 8C167 | 2N5209 | - |
| 2^5210 | NS | 1092 | L14 | 50 V | 50 V | 4 V | 5 CMA | 130C | 31 CMWF | 30M 4P | 250 MN | 1 Na | ALN | Nou | BC169 | 2N5210 | 0 |
| 2N5219 | NS | 1092 | 114 | 20 V | 15 v | 3 V | 100 ma | 135 C | 310 MWF | 150 M 4 P | 35/500 | 2 MA | AlG | MOB | 8C347A | 2N3903 | 0 |
| 215220 | As | 1092 | L14 | 15 v | 15 V | 3 V | 500 ma | 135 C | 310 MWF | 100N 10 P | $30 / 600$ | 50 MA | AME | MOB | BC387 | 2 N 4401 | 0 |
| 2^5221 | PS | 1092 | L14 | 15 V | 15 V | 3 V | S0CMA | 135 C | 31 CMhF | 100 15 P | 30/600 | 50 MA | AMG | MOE | BC338 | 2N4403 | 0 |
| 2N5222 | NS | 1092 | L14 | 20 V | 15 V | 2 V | 50 Ma | 135C | 31 CMwF | 450M 1P3 | 20 MN | 4 MA | ULA | MOB | BFX 73 | 2N918 | 0 |
| 215223 | ns | 1092 | L14 | 25 V | 20 V | 3 V | 100 ma | 135 C | 310 MwF | 150M 4P | 50/800 | 2 MA | AL G | MOB | BC347A | 2N3903 | 0 |
| 2N5224 | as | 1092 | 114 | 25 V | 12 V | 5 V | looma | 135 C | 310 NWF | 250M 4P | $40 / 400$ | 10 mA | VLS | FCU | BS×20 | 2N2369 | 0 |
| 215225 | As | 1092 | L14 | 25 V | 25 V | 4 V | sooma | 135 C | 310 NmF | 50 M 20 P | 30/600 | 50MA | amg | MOE | BC387 | 2N4401 | 0 |
| 2N5226 | PS | 1092 | L14 | 25 V | 25 V | 4 V | 500 ma | 135 C | 31 CNWF | 50 M 20 P | 30/600 | 50 mA | AME | NOB | 8C388 | 2 N 4403 | 0 |
| 2N5227 | pS | 1092 | :14 | 30 V | 30 V | 3 V | 50 MA | 135 C | 310 MWF | 100 M 5 P | 50/700 | 2 MA | AlG | MOB | BC350A | 2N 3905 | 0 |
| 2N5228 | Ps | 1092 | 114 | 5 V | 5 v | 3 V | sona | 135 C | 310 MWF | 300M 5P | 30 mN | 10 MA | VLS | MCB | BSW2 5 | 2N3546 | 0 |
| 2N5229 | PS | 1046 | L01 | 15 V | 10 V | 15 V | 50 MA | 200C | 500 MWF | 3 N 5 P | 50 MN | 100UA | ALC | MOS |  |  | 0 |
| 215230 | PS | 1046 | L01 | 30 V | 20 V | 30 V | bona | 2000 | 50 CMmF | 8 N 5 P | 50 Nm | 1 coua | ALC | MOP |  |  | 0 |
| 2^5231 | PS | T04t | L01 | 50 V | 30 V | 5 CV | 50 ma | 200C | 500 NWF | 8 M 5P | 50 MN | 1 COUA | ALC | MOB |  |  | 0 |
| 2N5241 | NS | 103 | L05 | 400 V | 325 V | 5 V | 5A | 150 C | 125 WC | 2500K | 15/35 | 250 OMA | RHE | MOS | BU105 | 2N515 7 | 0 |
| 2N5244 | PS | 1018 | LO1 | 40 V | 40 V | 5 V | 100 Na | 1750 | 360 MWF | 450 N 4 P | 150 Mn | 10 MA | VLS | SGI | BSW25 | 2N3546 | 0 |
| 2^5245-48 | FE |  |  |  |  |  |  |  |  |  |  |  | FET | TIB |  |  | 0 |
| 2N5257-59 | TH |  |  |  |  |  |  |  |  |  |  |  | THY |  |  |  | 0 |
| 2 S 262 | AS | 105 | 104 | 75 V | 50 V | 5 V | 24 | 200 C | 800 NWF | 250M | 25 MA | 14 | VNH | RCU | BSS14 | 2N5 262 | 0 |
| 2N5265-65 | FE |  |  |  |  |  |  |  |  |  |  |  | FFI | Mos |  |  | 0 |
| 2^5270 | FE |  |  |  |  |  |  |  |  |  |  |  | FEI | MOE |  |  | 0 |
| 2N5273-75 | TH |  |  |  |  |  |  |  |  |  |  |  | Y |  |  |  | 0 |
| 2N5277-18 | FE |  |  |  |  |  |  |  |  |  |  |  | , |  |  |  | 0 |
| 2^5293 | NS | 1066t | L33 | 8 CV | 75 V | $7 v$ | 4 A | 1500 | 36 WC | 800k | $30 / 120$ | 500 MA | AHH | RCB | 80x 72 | 2N6293 | 0 |
| 215294 | NS | T0P6E | L32 | 8 CV | 75 V | 7 V | 4 A | 150 C | 36 WC | 800k | $30 / 120$ | 50 CMA | AHH | RCE | 80589 | 2N6123 | 0 |
| 2N5295 | NS | T0666 | 133 | 60 V | 50 V | 5 V | 4A | 150C | 36 WC | 800 K | 301120 | 1 A | AHG | RCU | BD× 72 | 2N6293 | 0 |
| 2N5296 | AS | TCPEt | 132 | 60 V | 50 V | 5 V | 4 | 1500 | 6WC | 800k | 30/120 | 1 A | AHG | RCB | 80589 | 2N6123 | 0 |
| 2N5297 | NS | 10066 | L33 | 80 V | 70 V | 5 V | 4 A | 1500 | 36 hC | 800 K | 20180 | 1500 MA | AHG | RCL | BDx 2 | 2N6293 | 0 |
| 215298 | As | TOP6E | 132 | sov | 70V | 5 V | 4 A | 150C | 36 hC | 800k | 20180 | 1500 MA | AHG | RCU | 80589 | 2N6123 | 0 |
| 2^53C1 | NS | 103 | L05 | 4 CV | 40 V | 5 V | 30 A | 200C | 200 WC | 2 M | 15/60 | 15 A | AHG | NOB | 8 BX 40 | 2N3772 | 0 |
| 2N53C? | NS | 103 | L05 | 60 V | 60 V | 5 V | 304 | 2006 | 2 COhC | 2 M | 15/60 | 15 A | AHH | MOB | 80×40 | 2N3772 | 0 |
| 215303 | ns | 103 | 105 | 80 V | 80 V | 5 V | 2 CA | 2000 | 200wC | 2M | 15/60 | 10 A | AHH | MOB | BD×40 | 2N3772 | 0 |
| 2N5305-08 | FE | T098 | 121 | 70 V | 50 v | 5 V | 100NA | 125 C | 360 MWF | 100N 6P | 100 mN | 2 MA | ALG | GFU | PBC 107 | 2N53090 | 0 |
| 2^5320 | AS | 1039 | LC4 | 100 V | 75 V | 7 V | 2 A | 200 C | 1 WF | 50 M | 30/130 | $50 \mathrm{CNA}^{\text {a }}$ | AMt | RCU | BSS42 | 2N5320 | 0 |
| 2N5324 | PG | 103 | 105 | 250 V | 150 V | 4 V | 10A | 1106 | $56 . W C$ | 2 M | $20 / 60$ | $5 \triangle$ | AHE | MOB | AU106 | 2N5325 | 0 |
| 245325 | PG | 103 | L0S | 325 V | 200 V | 4 V | 10 A | 1100 | 57 WH | 2 M | 20 MN | 5 A | RHH | MOU | AUl06 | 2N5 325 | 0 |
| 2^5333 | - ${ }^{\text {S }}$ | 105 | LC4 | 100 V | 80 V |  | 2 A | 200C | 15 hC | 30 N | 30/120 | 1 A | RHH | IIE |  |  | 0 |
| 2N5334 | NS | T039 | L04 | 60 V | 60 V | 9 V | 34 | 2000 | 6nc | 40M 75P | 30/150 | 1 A | AHr, | MOS | BSV64 | 2N4877 | 0 |
| 2N5335 | AS | T0 39 | L04 | cov | 80 V | 8 V | 3 A | 200C | 6 WC | 40 M 75 P | 30/150 | $1 \Delta$ | $\triangle H H$ | MOB | BSV64 | 2N4877 | 0 |
| 205336 | AS | 1039 | 104 | 80 V | 80 V | 6 V | 5 A | 2000 | 6 WC | 30 M 250 P | 30/120 | 2 A | AHH | MOB |  |  | 0 |
| 2^5337 | NS | 1039 | 104 | 80 V | 80 V | 6 V | 54 | 200 C | 6wC | 30N250P | $60 / 240$ | 2 A | AHH | NCS |  |  | 0 |
| $2 \wedge 5338$ | ns | 1039 | LC4 | 10CV | 100 V | 6 V | 5 A | 200C | $5 W C$ | 30M250P | 30/120 | 2 A | AHH | NCR |  |  | 0 |
| 2N5339 | NS | 1039 | 104 | 100 V | 100 V | 6 V | 5 A | 200C | 6 WC | 30M250p | 60/240 | 2 A | AHH | MOB |  |  | 0 |
| 2N5344 | PS | 1060 | 143 | 250 V | 250 V | 5 v | 1 A | 200c | 4 ChC | 60M200P | 25/100 | 500 NA | RNH | MOB |  |  | 0 |
| 215345 | PS | TC66 | 143 | 30 cV | 300 v | 5 V | 1 A | 2006 | 40 WC | GON200P | 25/100 | 500 mA | RMH | MOB |  |  | 0 |
| 2N5346 | NS | 1059 | 163 | 80 V | 80 V | 6 V | 7 A | 200C | 6 CWC | 30N250P | 30/120 | 2 A | VHG | mCE |  |  | 0 |
| $2 \wedge 5347$ | ns | 1059 | L6] | 80 V | 80 V | 6 V | 7 A | 200 C | 60 WC | 30M250P | 60/240 | 2 A | VHG | MCB |  |  | 0 |
| 2N5348 | AS | 1059 | 163 | 10 CV | 100 V | ov | 7A | 200c | 60 WC | 3042500 | 30/120 | 2 A | VHG | MCB |  |  | 0 |
| 2N5349 | NS | 1059 | 163 | l00V | 100 V | 6 V | 7 A | 200 C | 6 ChC | 30N250p | $50 / 240$ | 2 A | VHG | MOE |  |  | 0 |
| 2N5354 | PS | $\times 13$ | 130 | 25 V | 25 V | 4 V | 500NA | 150C | 360 MWF | 8 P | 40/120 | 50 MA | AMG | GEU | BCW37 | r1591 | 0 |
| 2N5355 | PS | 1098 | L21 | 25 V | 25 V | 4 V | 300 ma | 125 C | 360 MWF | 125M 8P | 100.ma | 50 Ma | ang | SEU | BCW 37 | 2N 3704 | 0 |
| 2N5356 | PS | $\times 13$ | L30 | 25 V | 25 V | 4 v | 500NA | 150 C | 360 MWF | 8 P | 200 mN | 50 MA | Ang | GEU | 3CW37 | t1591 | 0 |
| 2^5357 | PS | 1037 | 147 | 300 V | 300 V | 4 V | 3 A | 2006 | 30 WC | 50 N 60 P | 25/100 | 500 ma | RME | MOB |  | 2N5357 | 0 |
| 2N5358-59 | FE |  |  |  |  |  |  |  |  |  |  |  | FET | ${ }^{\text {NCE }}$ |  |  | 0 |
| 2A5300-64 | FE |  |  |  |  |  |  |  |  |  |  |  | FET | MOE |  |  | 0 |
| 2N5365 | PS | $\times 13$ | L30 | 40 V | 40 V | 4 V | 500MA | 1500 | 360 MWF | 8 P | 40/120 | 50 MA | Ang | Gfu | BCW37 | r1s91 | 0 |
| 2N5366 | PS | $\times 13$ | 130 | 40 V | 40 V | 4 V | 500NA | 150 C | 360 MhF | gP | 100 mN | 50 NA | $A^{*} \mathrm{G}$ | GEL | BC. 37 | T1591 | 0 |
| 215367 | PS | $\times 13$ | L3C | 40 V | 40 V | 4 V | 500 ma | 150 C | 360 NWF | BP | 200 mN | 50 MA | AMG | GEU | BCw37 | 11591 | 0 |
| 215386 | PS | 1061 | 146 | 100 V | 80 V |  | 12 A | 200C | 50 hc | 30 M | 20/80 | 6 A | RHH | T18 |  |  | 0 |
| 2N5387 | NS | 1061 | 146 | 200 V | 200 V |  | 7500 MA | 200 C | 10 cWC | 15M | 25/100 | 2 A | RHE | T18 |  |  | 0 |
| 205388 | NS | 1061 | 146 | 250 V | 250 V |  | 7500 MA | 200 C | 10 CWC | 15M | 25/100 | $2 \Delta$ | RHE | T18 |  |  | 0 |
| 2N5389 | NS | 1061 | 146 | 30 CV | 300 V |  | 7500 mA | 200 C | 10 ChC | 15 N | 25/100 | 2 A | RHE | TIE |  |  | 0 |
| $2 \wedge 5390$ | NS | 1012 | L09 | 120 V | 80 V |  | 2 A | 200C | 15 WC | 40 N | 2000MN | 2 A | AHD | T18 |  |  | 0 |
| 2N5351-98 | FE |  |  |  |  |  |  |  |  |  |  |  | FET |  |  |  | 0 |
| 2N5400 | PS | 1092 | 114 | 130 V | 120V | 5 V | 600MA | 135C | 310 MWF | 100M 6P | 40/180 | 10 MA | RME | MOA |  | 2N5401 | 0 |
| 215401 | FS | T092 | 114 | 160 V | 15 cV | 5 V | 600MA | 135 C | 310 NmF | 100 N 6P | $50 / 240$ | 10 MA | RME | mob |  | 2N5401 | 0 |
| 2^5405 | PS | 105 | 104 | 10 CV | 100 V |  | 54 | 200 C | 1 hF | 40 N | 20/60 | 2 A | AHH | SOT |  | 2N5405 | 0 |
| 2N5413 | NS | 1039 | L04 | 60 V | 40 V | 6 V | 2 A | 200 C | 5 WC | 250 M | 25/100 | 2 A | VHS | it ${ }_{\text {c }}$ |  |  | 0 |
| $2 N 5414$ $2 N 5427$ | AS | 1039 1066 | LC4 | 80 V | 50 V | 6 V | 2 A | 200C | 5 WC | 250 M | $20 / 100$ $30 / 120$ | 2 A | VHS | TIR | B0Y79 | 2N3738 | 0 |


| TRANSISTOR NUMBER | $\left\|\begin{array}{c} \text { PM } \\ \mathbf{O A} \\ \mathbf{L T} \end{array}\right\|$ | PACK- | $\left\|\begin{array}{l\|l\|} \text { LEAD } \\ \text { INFO } \end{array}\right\|$ | $\begin{aligned} & \text { VCB } \\ & \text { MAX } \end{aligned}$ | $\begin{gathered} \text { VCE } \\ \text { MAX } \end{gathered}$ | VEB MAX | $\stackrel{{ }_{\text {MAX }}^{c}}{ }$ | $\underset{\text { MAX }}{\mathbf{T}}$ | $\begin{aligned} & P_{\text {TOT }} \end{aligned}$ | $\left\lvert\, \begin{array}{ll} F & C_{0 B} \\ \text { MIN } & \text { MAX } \end{array}\right.$ | $\mathbf{H E}_{\text {FE }}$ | $\begin{gathered} \mathrm{H}_{\mathrm{FE}} \\ \text { BIAS } \end{gathered}$ | USE | MFR | EURO EQVT． | USA EQVT． | ISS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2N5428 | AS | T06t | 143 | 80 V | 80 V | 6 V | 7 A | 200C | 40 WC | 30M250P | 60／240 | 2 A | RHH | MCB | 80Y79 | 2N3738 | 0 |
| 2N5429 | NS | 1066 | 143 | 100 V | 100 V | 6 V | 7 A | 200C | 40 WC | 30M250p | 30／120 | 2 A | RHH | MOB | BDY79 | 2N3738 | 0 |
| 2N5430 | NS | 1066 | 143 | 100 V | 100 V | 6 V | 7 A | 2006 | 4 ChC | 30＊250p | 60／240 | 2 A | RHH | MOB | B0Y79 | 2N3738 | 0 |
| 2N5431 | LJ |  |  |  |  |  |  |  |  |  |  |  | UJT | mob |  |  | 0 |
| 2N5432－34 | FE |  |  |  |  |  |  |  |  |  |  |  | FET |  |  |  | － |
| 2N5435 | PG | 103 | L05 | 80 V | tov | 2 V 5 | CCA | 1100 | 12 cwC | 350k | 20／60 | 25 A | AHH | MCB |  | 2N5440 | 0 |
| 2N5436 | PG | 103 | 205 | 110 V | $90 v$ | 2 V | GCA | 1100 | 120 WC | 350k | $2.0 / 60$ | 25 A | AHH | MOB |  | 2N5440 | 0 |
| 2N5437 | ${ }^{P G G}$ | 103 | 105 | 14 CV | 120 V | 2 V | 604 | 110 C | 120 WC | 350 K | 20／60 | 25A | AHE | mos |  | 2N5440 | 0 |
| 2N5438 | ${ }^{\text {PG }}$ PG | 103 | L05 | 80 V | 60 V | 2 V | 604 | 110C | 120WC | 350k | $40 / 120$ | $25 A$ | $\triangle \mathrm{AH}$ | MOB |  | 2N5440 | 0 |
| 2N5439 | PG | 103 | LC5 | 110 V | 90 V | $2 \times 5$ | 604 | 110C | 120 WC | 350 K | $40 / 120$ | 25 A | AHE | MCB |  | 2N5440 | 0 |
| 2N5440 | PG | 103 | L05 | 140 V | 120 V | 2 V | GOA | 1100 | 12 CWC | 350 K | 40／120 | 254 | HE | MCP |  | 2N5440 | 0 |
| 2A5441－46 | TH |  |  |  |  |  |  |  |  |  |  |  | THY | RCU |  |  | 0 |
| 215447 | PS | $\times 10$ | L2C | 40 V | 25 V | 5 V | 200MA | $150 C$ | 360 MFF | 100N 12 P | 60 MN | 50 ma | AMG | SIO | 8C327 | 2N5819 | 0 |
| 2N5448 | PS | $\times 10$ | L20 | sov | 30 V | 5 V | 200 MA | 150 C | 360 MWF | 100M 12 P | 30 MN | 50 MA | ANG | TIP | BC 327 | 2N5819 | 0 |
| 2N5449 | AS | $\times 10$ | L20 | 50 V | 30 V | 5 V | gocma | 150C | 360 MWF | 100M 12P | 100 mN | 50 MA | AMG | 510 | BC 337 | 2N5818 | 0 |
| 2N545C | NS | $\times 10$ | Líc | 5 CV | 30 V | 5 V | 800 mA | 150C | 36 CNHF | 100～ 12 F | 50 MN | 50MA | $\triangle M G$ | T18 | BC 337 | 2N5818 | 0 |
| 2ヘ5451 | NS | $\times 10$ | L20 | 40 V | 20 V | 5 V | 800ma | 150C | 360 MWF | 100～12P | 30 MN | 50 MA | AMG | TIP | 8C337 | 2N5818 | 0 |
| 2N5452－34 | FE |  |  |  |  |  |  |  |  |  |  |  | FET |  |  |  | 0 |
| $2 N 5455$ | PS | 1018 | 101 | 15 V | 15 V | 4 V | 300MA | 2000 | 340 MWF | 450M 6P | 30／120 | 30 mA | vis | fCU | BSW25 | 2N 3546 | 0 |
| 2N5456 | PS | 1018 | LCl | 25 V | 25 V | 4 V | 300NA | 2006 | 340 MhF | 450 M 6 P | 30／120 | 30 MA | VLS | FCU | BSW25 | 2N3546 | 0 |
| 2＾5457－59 | FE |  |  |  |  |  |  |  |  |  |  |  | FET | MCE |  |  | 0 |
| 2N5460－65 | FE |  |  |  |  |  |  |  |  |  |  |  | FET | NCe |  |  | 0 |
| 2N5471－76 | FE |  |  |  |  |  |  |  |  |  |  |  | FET | мпв |  |  | 0 |
| 2N5477 | AS | 1059 | 163 | 80 V | 80 V | 6 V | 74 | 200c | 60WC | 30M25CP | 30／120 | 2 A | RHG | MOB |  | 2N5480 | 0 |
| 2N5478 | NS | 1059 | L6？ | 80 V | 80 V | 6 V | 7 A | 2006 | 6 CWC | 30 N 250 F | 60／240 | 2 A | RHH | MOE |  | 2N5480 | 0 |
| 215479 | NS | 1059 | $L \in 3$ | 100v | 1 cov | 6 V | $7 \mathrm{7a}$ | $200 C$ | 60 WC | 30 M 250 P | 30／120 | 2 A | RHH | MOB |  | 2N5480 | 0 |
| $2 N 5480$ | NS | 1059 | 163 | 100 V | 100 V | 6 V | $7 \mathrm{7A}$ | 200C | 6 CWC | 30 M 250 P | $63 / 240$ | 2 A | RHH | MCB |  | 2N5480 | 0 |
| 2N5484－86 | FE |  |  |  |  |  |  |  |  |  |  |  | FET | MCA |  |  | 0 |
| 215490 | As | 10966 | L32 | 60 V | 50 V | 5 V | $7 \mathrm{7A}$ | 1500 | 50WC |  | 20／100 | 2 A | AHG | RCL | $80 \times 73$ | 2N6101 |  |
| 2N5491 | NS | T066t | L 23 | ECV | 50 V | 5 V | 7A | 150 C | 5 ChC |  | $20 / 100$ | 2 A | $\triangle H G$ | RCU | BD×72 | 2N6100 | 0 |
| 2N5492 | As | TOPEG | L32 | 75 V | 65 v | 5 V | $7 \mathrm{7a}$ | 150 C | 50 WC |  | 20／100 | 250 cma | AHH | RCU | E0x73 | 2N6101 | 0 |
| 2N5493 | NS | 100te | L33 | 75 V | 65 V | 5 V | 7A | 150 C | 50 WC |  | 20／100 | 2500 NA | AHH | RCU | $80 \times 72$ | 2N6100 | 0 |
| 2N5494 | NS | 10966 | L32 | 60 V | 50 V | 5 V | 7A | 150 C | 50 hC |  | 20／100 | 3 A | $\Delta H G$ | RCL | ED $\times 73$ | 2N6101 | 0 |
| 2＾5495 | AS | T066t | L 33 | 6 CV | 50 V | 5 V | 7 A | $150 C$ | 50 WC |  | 20／100 | 3 A | AHG | RCL | BCx72 | 2N6100 | 0 |
| 215496 | NS | TOPE6 | 132 | gov | 80 V | 5 V | 7A | 150 C | 50 hc |  | 20／100 | 350 CNA | $\triangle \omega \mathrm{H}$ | RCU | $80 \times 13$ | 2N6101 | 0 |
| 2N5497 | NS | 10Qt6 | 133 | sov | cov | 5 V | $7 \Delta$ | 150C | 50wC |  | 20／100 | 3500 MA | AHH | RCL | ED $\times 72$ | 2N6100 |  |
| $\begin{aligned} & 205505-09 \\ & 2 N 551 C-19 \end{aligned}$ | $\begin{aligned} & \mathrm{FE} \\ & \mathrm{FE} \end{aligned}$ |  |  |  |  |  |  |  |  |  |  |  | FET |  |  |  | 0 |
| 2＾5520－24 | FE |  |  |  |  |  |  |  |  |  |  |  | FET |  |  |  | 0 |
| 2＾5543－4S | FE |  |  |  |  |  |  |  |  |  |  |  | FET |  |  |  | 0 |
| こN5550 | AS | 1092 | L14 | 160 V | 140 V | 6 V | gocma | $135 C$ | 31 cmmF | 100 M 6P | 60／250 | 10 Ma | RME | MC8 |  | 2N5551 | 0 |
| 2ヘ5551 | As | 1092 | L 14 | 180 V | 160 V | 6 V | 600mA | $135 C$ | 310 NAF | 100N 6P | $80 / 250$ | 10 MA | RME | MOB |  | 2N5551 | 0 |
| $2 \wedge 5555$ | FE |  |  |  |  |  |  |  |  |  |  |  | FFT | MOE |  |  | 0 |
| 2N555t－58 | FE FE |  |  |  |  |  |  |  |  |  |  |  | $\begin{aligned} & \text { FET } \\ & \text { FET } \end{aligned}$ | M ${ }^{\text {cos }}$ |  |  | 0 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2N5567－ES | It |  |  |  |  |  |  |  |  |  |  |  | Hy |  |  |  | 0 |
| 2＾5570－74 | it |  |  |  |  |  |  |  |  |  |  |  | THY |  |  |  | 0 |
| 2＾5581 | NS | $104 t$ | LC1 | $75 v$ | 40 V | 6 V | 50 CMA | 200 C | 50 CNWF | 250 M 8 P | 40／120 | 15 cma | RMG | N03 |  | 2N2222A | ， |
| 2N5582 | NS | 1046 | L01 | 75 V | 40 V | 6 V | 500 MA | 200 C | 500 MWF | 300M 8P | 100 mN | 15 CMA | RMG | N08 |  | 2N2222A | 0 |
| 2N5583 | PS | 1039 | LC4 | 30 V | 30 v | 3 V | 500NA | 200 C | 1 WF | 300M 5P |  |  | UNS | MCL |  | 2N5583 | 0 |
| 2N5589 | NS | $\times 27$ | 164 | 36 V | 18 v | 4 V | tocma | 2000 | 15 WC | 30 P | 5 MN | 10 cma | VNP | MOE |  |  | 0 |
| 2N5590 | NS | $\times 28$ | L65 | 36 V | 19 V | 4 V | $? \Delta$ | 200 C | 30 WG | 70 P | 5 MN | 25 cmA | VHP | MOB |  |  | 0 |
| 2＾5551 | NS | $\times 28$ | 165 | 36 V | 18 V | 4 V | 4 A | 200 C | 70WC | 120 P | 5 MN | 50 cma | VHP | MCB |  |  | 0 |
| 2N5，92－Y4 | FE NS | 103 | LC5 |  | 100v | $7 v$ | 20A | 2000 | 20 ChC | 1 N500p | 25／100 | 8A | FET AHH | MOE | ED×50 | 2N3773 | 0 |
| ＜N5629 | NS | ro3 | LCS | roov | 100v | 7 |  |  |  |  |  |  |  |  |  |  |  |
| 2N5630 | NS | 103 | LC5 | 12 CV | 120 V | $7 v$ | 2 CA | 2000 | 200 nc | 1 N 500 F | 20／90 | $8 \Delta$ | AHH | mot | B0x50 | 2N3773 | 0 |
| 2N5631 | NS | 103 | L05 | 140 V | 140 V | $7 v$ | 20A | 200 C | 200 WC | $1 \mathrm{M500P}$ | $15 / 60$ | 8 A | AHH | NOB | $8 \mathrm{BX50}$ | 2N 3773 | 0 |
| 2N563？ | AS | 103 | LC5 | 100 V | 100 V | $7 v$ | 15 A | 200C | 150 WC | 1 M 300 D | 25／100 | 54 | AHH | MOB | BD $\times 50$ | 2N3773 | 0 |
| 2＾5633 | As | 103 | 105 | 120 V | 120 V | $7 v$ | 15 A | 2006 | 15 CWC | 1 M 300 P | 20／80 | 5 A | AHH | MOB | BDx50 | 2N3773 | 0 |
| 2N5634 | NS | 103 | L05 | 14 CV | 140 V | 7 V | 15A | 200C | 15 ChC | INXCOP | 15／60 | 5 A | AHH | mod | BDX50 | 2N3773 | － |
| 2＾5635 | $\wedge \leq$ | $\times 27$ | Le4 | 60 V | 35 V | 4 V | 14 | 200 C | 8WC | 10P | 5 MN | 10CMA | UMP | ～CB |  |  | 0 |
| 2N5636 | NS | $\times 27$ | Le4 | 60 V | 35 v | 4 V | 1500 ma | 200 C | 15 WC | 20 P | 5 MN | 20 cma | UMP | MOE |  |  | 0 |
| 2N5637 | NS | $\times 28$ | L65 | 60 V | 35 V | 4 V | 34 | 200C | 3 ChC | 30 P | 5 NN | 500MA | UHP | MOE |  |  | 0 |
| 2N5638－39 | FE |  |  |  |  |  |  |  |  |  |  |  | FET | MOB |  |  | 0 |
| 215640 | FE |  |  |  |  |  |  |  |  |  |  |  | FET | MOE |  |  |  |
| 215641 | As | $\times 27$ | Le4 | $65 v$ | 35 v | 4 V | 14 | 200 C | 15WC | 15P | 5 MA | 1 CCMA | VMP | MCB |  |  | 0 |
| 2N5642 | As | $\times 28$ | 165 | 65 V | 35 v | 4 V | 3 A | 200C | 30 WC | 35 P | 5 MN | 200 MA | VHP | MOB |  |  | 0 |
| 2N5643 | NS | －28 | 165 | 65 V | 35 v | 4 V | 5 A | 200 C | 6 CWC | 65 P | 5 MN | 500 mA | VHP | not |  |  | 0 |
| 2N5644 | As | $\times 28$ | 265 | 36 V | 18 V | 4 V | 250NA | 200C | 3500 MwC | 400 N 8 P | 15 NN | 100 MA | UMP | M09 |  |  | 0 |
| 2N5645 | NS | $\times 28$ | L 65 | 36 V | 18 V | 4 V | 14 | 200C | 12 WC | $400 \mathrm{M} \mathrm{20P}$ | 15 MN | 5 ComA | LMP | NOB |  |  | 0 |
| 2N5646 | NS | $\times 28$ | Le5 | 36 V | 18 V | $4 v$ | 2 A | $200 C$ | 3 CWC | 400 M 4 CP | 15 MN | 18 | UHP | MCB |  |  | 0 |
| 2N5647－49 | FE |  |  |  |  |  |  |  |  |  |  |  | FET |  |  |  | 0 |
| 2N5653－54 | FE |  |  |  |  |  |  |  |  |  |  |  | FET | MCP |  |  | 0 |
| 2N5655 | NS | T0126 | L31 | 250 V | 250 V |  | 500 ma | 150 C | 20 wc | $10^{\text {N }}$ | $30 / 250$ | 100 mA | ALE | M08 | 80232 |  | － |
| 2＾5656 | As | TC126 | L31 | 300 V | 300 v |  | 50CNA | 150c | 20 WC | 10M | $30 / 250$ | 10 CMA | ALE | MOB | 80232 |  | 0 |
| 2N5657 | NS | 10126 | L31 | 350 V | 350 V |  | 500 NA | 150 C | 2 ChC | 10N | $30 / 250$ | 100MA | ALE | MOE | 80232 |  | 0 |
| 2N5668－69 | FE |  |  |  |  |  |  |  |  |  |  |  | FET | MOB |  |  | 0 |
| 215670 | FE |  |  |  |  |  |  |  |  |  |  |  | FET | NOE |  |  | 0 |
| 2N5671 2N5672 | NS | r03 103 | L05 | 120 V | 90V | $7 v$ $7 v$ | 304 308 | 200C | 14 CWC 140 WC | 50 M 50 m | $20 / 100$ $20 / 100$ | 154 154 | $\left\lvert\, \begin{aligned} & \text { VHH } \\ & \text { VHH }\end{aligned}\right.$ | SEU |  | $\begin{aligned} & 2 N 5672 \\ & 2 N 5672 \end{aligned}$ | O |


| TRANSISTOR NUMBER | $\begin{gathered} \text { PM } \\ \text { OA } \\ \text { LT } \end{gathered}$ | $\begin{array}{r} \text { PACK- } \\ \text { AGE } \end{array}$ | $\begin{array}{\|l\|l\|} \hline \text { LEAD } \\ \text { INFO } \end{array}$ | $\begin{aligned} & \text { VCB } \\ & \text { MAX } \end{aligned}$ | $\begin{aligned} & \text { VCE } \\ & \text { MAX } \end{aligned}$ | VEB MAX | $\stackrel{I_{\text {IAX }}^{C}}{ }$ | $\underset{\text { MAX }}{\mathbf{T}}$ | TOT | $\begin{array}{ll} F & C_{0 B} \\ \text { MIN } & \text { MAX } \end{array}$ | $H_{F E}$ | $\begin{gathered} \mathrm{H}_{\mathrm{FE}} \\ \text { BIAS } \end{gathered}$ | USE | MFR | $\begin{aligned} & \text { EURO } \\ & \text { EQVT. } \end{aligned}$ | USA EQVT． | ISS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2N5679 | PS | 105 | LO4 | 100 V | 100 V | 4 v | 1 1A | 2000 | 1 CWC | 30 M 50P | $40 / 150$ | 250 MA | AM | MOB |  | 2N3637 | 0 |
| 2N5680 | pS | 105 | $1 L^{4}$ | 120 V | 120 V | 4 v | 14 | 200 C | 10WC | 30 M 5 CP | 40／150 | 250 ma | AM | M OB |  | 3637 | 0 |
| 2N5681 | NS | 105 | LC4 | 100 V | 100 v | 4 V | 14 | 200C | 1 WF | $30 \mathrm{M} \mathrm{50P}$ | $40 / 150$ | 250 MA | RM | MO | BSW6 |  | 0 |
| 2N5682 | NS | 105 | LC4 | 120 V | 120 V | 4 V | 1 A | 2000 | 1 hF | 30 M 50 P | 40／150 | 50 MA | R MH | MOB |  |  |  |
| 2N5683 | $P \subseteq$ | 103 | 105 | 60 V | 60v | 5 V | $50 \wedge$ | 200C | 300 WC | N2 | 15／60 | 25A | AHG | MOB |  |  |  |
| 2N5684 | PS | 103 | LC5 | 80 V | 80 V | 5 V | 504 | 2000 | 300 WC | 2 M ON2 | 15160 | 254 | AHH | MOE |  |  | 0 |
| 2N5685 | AS | 103 | LOS | 60 V | 60 V | 5 V | 50 A | 200C | 30 cWC | 2 M 1N2 | $15 / 60$ | 25 A | $\triangle H G$ | MOB |  | 2N5686 | 0 |
| 2＾5686 | AS | 103 | 105 | 8 cV | 80 V | 5 V | 5 CA | 2000 | 300 WC | 2M 1N2 | $15 / 60$ | $25 A$ | AHG | M03 |  | 2N5686 | 0 |
| 2＾5692 | PG | ro3 | LC5 | 50 V | 30 V | 2 V | 6 CA | 110 | 12 CWC | 200k | 20／65 | 254 | AHG | NOB |  | 2N5440 | 0 |
| 2N5693 | PG | 103 | L05 | 80 V | 60 V | 2 V | 60A | 1100 | 120 WC | 200k | 20165 | 254 | AHH | MOB |  | 54 |  |
| 2N5694 | PG | 103 | L05 | 100 v | 80 V | 2V5 | 604 | 1100 | 12 CWC | 200k | 20165 | $25 A$ | H | MOB |  | 2N5440 | 0 |
| 2N5695 | PG | to3 | L05 | 120 V | 100 v | 2 V | 60 A | 110 C | 120 hC | 200K | $20 / 65$ | 254 | $\triangle H H$ | MOE |  | 2N5440 | 0 |
| 215696 | PG | 103 | 205 | 140 V | 120 V | 2 V | 604 | 110C | 120 nc | 200k | 20／65 | 254 | $\begin{aligned} & \text { AHH } \\ & \mathrm{cET} \end{aligned}$ | OR |  | 2N5440 | 0 |
| 2＾5716－18 | FE | T03 | LC5 | 80v | 80v | 5 V | 50 A | 200 C | $200 n c$ | 2 M | 15／60 | 10 A | AHH | MOE |  |  | 0 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2＾5754－57 | it |  |  |  |  |  |  |  |  |  |  |  | THY | RCU |  |  | 0 |
| 2N5758 | NS | 103 | LC5 | 10cV | 100 v | 7 V | 10 A | 200C | 15 ChC | 1\％300P | 25／100 |  | AHH | mod | $80 \times 50$ 8050 | 2N3773 $2 N 3773$ |  |
| 2＾5759 | NS | 103 | L05 | 120 V | 120 v | 7 V | 10 A | 200 C | 150 WC | 1 N 300 P | 20／80 |  | AHH | MOB | B0×50 | $2 N 3773$ $2 N 3773$ | 0 0 0 |
| 2＾5760 | NS | 103 | LC5 | 14 CV | 140 V | 7 V | 10 A | 200 C | 150 WC | 1 M 300 P <br> 200 M | $15 / 60$ 70 MN | 150MA | AHH | MOB | B0x50 | 2N3773 | 0 |
| 2N5763 | PS | 1018 | LO1 | 65 V | 60 V | 5 V | 600mA | 200C | 400 MWF | 200M 8 P | 70 ma | 150ma | RNG | Mos |  |  |  |
| 2＾5777－79 | ns |  |  |  |  |  |  |  |  |  |  |  | PHT | MпB |  |  | 0 |
| 21578C | NS |  |  |  |  |  |  |  |  |  |  |  |  | NOE |  |  | 0 |
| 2N5793－94 | NS |  |  |  |  |  |  |  |  |  |  |  | $\left\|\begin{array}{l} \text { CUA } \\ \text { DUA } \end{array}\right\|$ | MOB |  |  | 0 |
| 2N55795－6 | $\stackrel{\text { PE }}{\text { F }}$ |  |  |  |  |  |  |  |  |  |  |  | FET | MCB |  |  | 0 |
| 2＾5800－C3 | FE |  |  |  |  |  |  |  |  |  |  |  | FET | mos |  |  | 0 |
| 2＾58C6－C9 | It |  |  |  |  |  |  |  |  |  |  |  | THY |  |  |  | 0 |
| 2N5814 | NS | $\times 10$ | L20 | 50 V | 40 V | 5 v | 750ma | 135 C | 500 MwF | 100M 15 P | 60／120 | 2 Na | AMG | GEU | BC 337 | 18 | 0 |
| 2N5815 | PS | $\times 10$ | 120 | 50 V | 40 v | 5 V | 750 Na | 1356 | 500 MWF | 100 15 P | 60／120 | 2 NA | ANG | GEU | BC 327 | 2N5819 | 0 |
| 2＾5816 | As | $\times 10$ | L20 | 50 V | 40 V | 5 V | 750 MA | 1356 | 500 NWF | $120{ }^{\text {c }} 15 \mathrm{P}$ | 100 mN | 2 MA | AMG | GEU | BC337 | 2N5818 | 0 |
| 2N5817 | PS | $\times$ | L20 | 50 | 40 V | 5 v | 750 Na | 135 C | 50 CMhF | 120N 15P | 100 mN | 2 MA | AMG | GEU | BC 327 | 2N5819 | 0 |
| 2N5818 | NS | $\times 10$ | L20 | 50 V | 40 V | 5 V | 750 NA | 135C | 500 MWF | $135 \mathrm{M} \mathrm{15P}$ | 150 MN | 2NA | $\triangle M G$ | GEU | BC337 | 2N5818 | 0 |
| 2N5819 | PS | $\times 10$ | L2C | 50 V | 40 v | 5 v | 750 MA | 135 C | 500 NWF | $135 \mathrm{M} \mathrm{15P}$ | 150 mN | 2MA | AMG | GFU | BC 327 | 2N5819 | 0 |
| 2N5325 | NS | $\times 10$ | L20 | 50 V | 40 V | 5 V | 100 Na | 125 C | 300 MWF | 90 N 4 P | 100 M | 2 MA | ALG | GEL | BC 237 | 2N5825 | － |
| 2N5827 | AS | $\times 10$ | L20 | 50 v | 40 V | 5 V | 100 Na | 125 C | 360 mFF | 90 M 4 P | 250 mN | 2 Ma | ALN | GEU | BC239 | 2N5827 | 0 |
| 2N5829 | PS | TC72 | L06 | 30 | 30 V | 3 v | 30 MA | 200C | 20 CMWF | $1200 \mathrm{M} \mathrm{OP8}$ | $20 / 150$ | 2 Na | ULA | NOB |  | 2N4261 | 0 |
| 2N5835 | ns | 1072 | LC6 | 15 V | 10 V | $3 \vee 5$ | 15 NA | 200C | 200MWF | 2500 M OP8 | 25 MN | 10 Ma | SLG | MCB |  |  | 0 |
| 2＾5836 | ns | 1046 | L01 | 15 V | 10 V | 3 V 5 | 200MA | 200 C | ？WC | 2000M 3P5 | 25 MN | 50 MA | SMG | MOB |  |  | 0 |
| 2N5837 | NS | 1046 | 101 | 10 V | 5 v | 3 v | 300 MA | 2006 | 2 nc | 1700 N 5 P | 25 NN | 100MA | SMG | MOR |  | 2N5386 | 0 |
| 2＾5841 | NS | 1072 | L06 | 20 V | 10 V | $3 v$ | 100～A | 200C | 350 MWF | 2200 M 1 1P5 | 25／200 | 25 NA | SMS | MOB |  |  | 0 |
| 2N5342 | NS | 1072 | 106 | 20 V | 10 V | 3 v | 100MA | 2006 | F | 1700M 195 | 25／250 | 25 MA | SMS | MOB |  |  | 0 |
| 2N5843－44 | PS |  |  |  |  |  |  |  |  |  |  |  | cua | MCP |  |  | 0 |
| 2N5845 | NS | 1092 | 114 | 50 V | 40 V | 6 V | $1 \Delta$ | 150C | 625 NmF | 300 N 9 p | 25／150 | 500 ma | vMS | MOB |  | 2N5859 | c |
| 215845A | NS | 1092 | L14 | 50 V | 40 v | 6 V | 1 A | 150C | 625 NmF | 200 N 9 P | 35／150 | 5 Ccma | VMS | MOP |  | 2N5859 | 0 |
| 2N584E | NS | $\times 26$ | L51 | 36 V | 18 v | 4 V | 1 A | 20 OC | 1 CWC | 25P | 5 NN | 25 cma | vMP | MOB |  |  | 0 |
| 2N5847 | ns | $\times 28$ | L65 | 36 V | 18 V | 4 V | 2 A | 200C | 2 CWC | 90p | 5 MA | 500ma | VHP | MOB |  |  | 0 |
| 2N5848 | NS | ＋28 | L65 | 48 V | 24 V | $4 v$ | 3500 MA | 2006 | 5 ChC | 125P | 3 NN | 200ma | RHP | MOE |  |  | 0 |
| 2N5849 | へS | ＋28 | L65 | 48 V | 24 V | 4 V | 7 A | 200C | 100 wC | 230 P | 3 mN | 2500 mA | RHP | MOㅁ |  |  | 0 |
| 2N5851 | ns | 1072 | LC6 | 30 V | 15 V | 4 V 5 | 100 MA | 200C | 500 NWC | $800 \mathrm{M} \mathrm{1P5}$ | 40 mN | 10 MA | SMG | NOB |  | 2N5 552 | 0 |
| 2N5852 | NS | 1072 | L06 | 30 V | 15 V | 4 V 5 | 100 mA | 2006 | 500 MWC | $110041 P 5$ | 40 mN | 10 MA | SMG | MOE |  | 2N5452 | 0 |
| 215355 | PS | 10105 | 104 | 60 V | 60 V | 5 V | 1 A | 1250 | 750 MWF | 15N10CP | 50／300 | 150 MA | AMG | FCL | BFS95 | 2N4036 | c |
| 2＾5856 | NS | T01C5 | 104 | －0v | 60 V | $5 v$ | 1 A | $125 C$ | 75 CNWF | 200N 12 P | 50／300 | 5 MmA | $\triangle M G$ | FCU | BFY50 | 2N2297 | 0 |
| 2N5857 | PS | T0105 | 104 | в0V | 80. | 5 v | 1 A |  | 750 MWF | 15N100P | 50／300 | 15 Cma | AMG | FCU | BFS93 | 2N4037 | 0 |
| 215858 | NS | 50105 | LC4 | 80 V | 804 | 5 V | 1 A | 1250 | 750 MWF | 200M 12P | $50 / 300$ | 5 CNA | $A^{M} \mathrm{G}$ | FCU | BSW60 | 2N1893 | 0 |
| 2v5859 | Ns | 1039 | L04 | 80 V | 40 V | 6 V | 2 A | 200 C | 1 WF | 250 M 7 P | 15／100 | 1 A | VHS | MO9 |  | 2N5859 | 0 |
| 215860 | ns | 1039 | L04 | $\rightarrow 0 \mathrm{~V}$ | 45 | $7 v$ | 2 A | 200C | 1 wF | 250N 7P | 15／80 | 1 A | vhs | MCB |  | 2N5860 | 0 |
| 205861 | NS | 1039 | LC4 | 100 V | 50. | 6 V | 2 A | 200C | 1WF | 200N 7 P | 25／100 | 5 CCMA | vMs | not |  | 2N5860 | 0 |
| 2N5802 | NS | $\times 28$ | L65 | 65 V | $35 y$ | 4 V | 8A | 200 C | 8 CWC | 130P | 5 MN | 3 A | VHP | MOB |  |  | 0 |
| 2N5804 | PS | 1039 | 104 | gov | 70. | 5 V | 1500NA | 200 C | 1250 MWF | 50M 25 P | 50／500 | 150 MA | RMG | MC3 | BFR23 | 2N4036 | 0 |
| 2＾5305 | PS | 1039 | 104 | 70 V | 50. | 5 V | 1 A | 200C | 1250NWF | 100 M 20 P | $40 / 200$ | 150 MA | RMG | MO3 | BFR23 | 2N4036 | 0 |
| 2＾5867 | PS | T03 | 105 | 60 V | 60. | 5 v | 54 | 200 C | 87 WC | 4 N 2 COP | 20／100 | 1500 mA | RHG | NOB |  | 2N3792 | 0 |
| 215868 | PS | 103 | LC5 | 8 CV | 804 | 5 v | 54 | 2 COC | 87 WC | 4 M 200 P | 20／100 | 150 cma | RHH | NCB |  | 2N3792 | 0 |
| 2N5369 | NS | 103 | L05 | 60 V | 60. | 5 v | 5 A | 200c | 87 WC | 4M150P | 20／100 | 1500 MA | RHG | MOB | BDY24 | 2N3448 | 0 |
| 2N5870 | NS | 103 | L05 | 90 V | $80 y$ | 5 v | 5 A | 2006 | 87 hC | 4 N 150 P | 20／100 | 1500 mA | RHH | MOB | 8DY24 | 2N3448 | 0 |
| 2ヘ5871 | PS | 103 | L05 | 60 V | 604 | 5 V | 74 | 2000 | 100 WG | 4 N 300 P | 20／100 | 2500 MA | RHG | MOB |  | 2N3792 | 0 |
| 2N5872 | PS | 103 | L05 | 80 V | 80 | 5 v | 7 A | 2000 | 100 nc | 4 M 300 P | 20／100 | 2500 MA | RHH | NOB |  | 2N3792 | 0 |
| 2N5873 | As | 103 | LO5 | 60 V | 604 | 5 v | 7 A | 2000 | 100wC | 4 M 200 P | 20／100 | 250 CmA | RHG | MOB | 8CY24 | 2N3448 | 0 |
| 2N5874 | ns | 103 | L05 | 80 V | 804 | 5 V | 7A | 200C | 100w | 4 M 200 P | 20／100 | 2500 MA | RHH | MOB | BDY 24 | 2N3448 | 0 |
| 2N5875 | PS | 103 | L05 | 60 V | 60 | 5 V | 108 | 2006 | 15 cmC | 4 NSCOP | 20／100 | 44 | R HG | MOE |  | 2N3792 | 0 |
| 2N5876 | Ps | 103 | L05 | 80 V | 804 | 5 V | 104 | 2000 | 150 wc | 4 N 500 P | 20／100 | 4 A | RHH | MOB |  | 2N3742 | 0 |
| 2N5877 | NS | 103 | 105 | bov | tor | 5 v | 104 | 2000 | 150 wC | $4 \mathrm{M30CP}$ | 20／100 | 4 A | RHG | MOB | 80Y24 | 2N3448 | 0 |
| 2N5378 | As | 103 | 105 | 80 V | 80. | 5 v | 100 | 2006 | 150 WC | 4 N 30 CP | 20／100 | 4 A | RHH | MOB | BDY24 | 2N3448 | 0 |
| 2＾5879 | PS | 103 | L05 | 60 V | 60. | 5 v | $15 A$ | 2006 | 160wd | 4 N 600 P | 20／100 | 64 | AHG | MOB |  |  | 0 |
| 2ヘ5880 | PS | 103 | LCS | 8 CV | 80 | 5 v | 15 A | 2000 | 16 chg | $4 \mathrm{N600} \mathrm{P}$ | 20／100 | 6 A | RHH | MOE |  | 2N3792 | 0 |
| 2N5881 | NS | 103 | L05 | 60 V | 60. | 5 v | 154 | 200 C | 160 wc | 4 N 400 P | 20／100 | 6 A | AHG | MOB | BDY55 | 2N5882 | 0 |
| 2N5882 | ns | 103 | 105 | 80 V | 804 | 5 v | 15 A | 200c | 160 wd | 4 M 40 CP | 20／100 | 68 | RHG | MOB | B0Y 55 | 2N5882 | 0 |
| 2N5883 | PS | 103 | 105 | 60 V | 60. | 5 V | 254 | 2000 | 20 chg | 4 NBOOP | 20／100 | 10A | RHG | MOE |  | 2N5884 | 0 |
| $2 N 5884$ | PS | 103 | 105 | 80 V | 80 | 5 V | 254 | 2000 | 200 Wg | 4 N 800 P | 20／100 | 10 A | RHH | MOB |  | 2N5884 | 0 |
| $2 N 5885$ $2 N 5886$ | PS | 103 103 | LCS | 60 V | 60. | 5 V | $25 A$ | 200C | 20060 20 cWC | 4 N 500 P | 20／100 | 10 A | RHG | MOB | BCY57 | 2N588t 2N5886 | 0 |


| TRANSISTOR NUMBER | $\left\|\begin{array}{c} P M \\ O A \\ L T \end{array}\right\|$ | PACK- | $\begin{aligned} & \text { LEAD } \\ & \text { INFO } \end{aligned}$ | $\begin{aligned} & \text { VCB } \\ & \text { MAX } \end{aligned}$ | $\begin{aligned} & \text { VCE } \\ & \text { MAX } \end{aligned}$ | $\begin{aligned} & \text { VEB } \\ & \text { MAX } \end{aligned}$ | $\underset{\text { MAX }}{\mathbf{c}}$ | $\stackrel{T}{\mathrm{~J}} \underset{\text { MAX }}{ }$ | TOT | $\begin{cases}F & C_{0 B} \\ \text { MIN } & \text { MAX }\end{cases}$ | $\mathbf{H E}_{\text {FE }}$ | $\begin{gathered} \mathrm{H}_{\mathrm{FE}} \\ \text { BIAS } \end{gathered}$ | USE | MFR | $\begin{aligned} & \text { EURO } \\ & \text { EQVT. } \end{aligned}$ | $\begin{aligned} & \text { USA } \\ & \text { EQVT. } \end{aligned}$ | ISS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2＾5887 | PG | 10tt | 143 | 2 CV | 15 V | 20 V | 74 | 1100 | 57 WC | 250k | 15／350 | 50 CmA | AHG | MOB |  | 2N5898 | 0 |
| 2N5888 | ${ }^{\text {PG }}$ | 1066 | 143 | 30 V | 25 V | 20 V | 7A | 1106 | 57 WC | 250k | 15／350 | 500 ma | AHG | MOA |  | 2N5898 | 0 |
| 2N5889 | PG | T0GE | 143 | 30 V | $25 v$ | 20 V | 7 A | 1100 | 57 WC | 250k | 30170 | 500 MA | AHG | MOB |  | 2N5898 | 0 |
| 2N5890 | PG | 1066 | L43 | 45 V | 35 V | 20 V | $7 \mathrm{7a}$ | 1100 | 57WC | 250k | 30170 | 500 MA | AHG | MOB |  | 2N5898 | 0 |
| 2N5891 | PG | 1066 | 143 | 4 CV | $35 v$ | 20 V | 74 | 1100 | 57 WC | 250 K | 30／70 | 50 CMA | AHG | MOB |  | 2N5898 | 0 |
| 2＾5892 | PG | 106t | 143 | 75 V | 60 V | 2 CV | 74 | 110 C | 57WC | 250k | 30170 | 50 CMA | AHH | MCB |  | 2N5900 | 0 |
| 2N5893 | PG | rote | L43 | 30 V | 25v | 20 V | 74 | 1106 | 57WC | 250 K | 60／120 | 50 cma | AHG | MOB |  | 2N5898 | 0 |
| 2N5894 | PG | 1066 | 143 | 45 V | 35 V | 20 V | 7 A | 1106 | 57 WC | 250k | 60／120 | 500 MA | AHG | MOR |  | 2N5898 | 0 |
| 2N5895 | PG | 1066 | L43 | 60 V | 45 V | 20 V | 7A | 1100 | 57WC | 250k | 60／120 | 500 ma | AHG | MOR |  | 2N5898 | 0 |
| 2N5896 | PG | $106 t$ | 143 | 75 V | 60 V | 2 V | 7A | 110 C | 57 WC | 250k | 60／120 | 500 ma | AHH | MOB |  | 2N5900 | 0 |
| 2N5897 | PG | rote | 143 | 30 V | 25 V | 20 V | 7 A | 110C | 57WC | 250k | 100 mN | 500ma | AHE | MCB |  | 2N5898 | 0 |
| 2N5898 | PG | 1066 | 143 | 45 V | 35 V | 20 V | $7 \mathrm{7a}$ | 110 C | 57wC | 250k | 100 mN | 500 mA | AHG | M03 |  | 2N5898 | 0 |
| 2N5899 | $P G$ | 1066 | 143 | 60 V | 45 V | $20 v$ | 7A | 1100 | 57 hC | 250 K | 100 mN | 500 ma | AHH | MOB |  | 2N5900 | 0 |
| 2＾5900 | PG | 1066 | L43 | 75 V | 60 V | 20 V | 7A | 110C | 57 WC | 250k | 100 N | 500 ma | AHH | MOE |  | 2N5900 | 0 |
| 2＾5901 | PG | T06t | 143 | 3 cv | 25 V | 2 VV | 74 | 110C | 57 WC | 250k | 175 MN | 500 ma | AHG | N08 |  | 2N5900 | 0 |
| UN5910 | PS | 101c6 | L17 | 20 V | 20 V | 4 V | locma | 1250 | 200MwF | 700M 3P | 30／120 | 10 MA | VLS | NAT | BSW25 | 2N3546 | 0 |
| 2N5938 | NS | 1060 | 161 | 60 V | 50 V |  | 3 A | 2000 | 20 WC | 150 M | 30／150 | 1 A | VHG | 118 |  |  | 0 |
| 2＾5941 | NS | $\times 29$ | L6t | 65 V | 35 V | 4 V | 6 A | 2006 | 80 WC | 50N125p | 10 NN | 500 MA | VHP | MOE |  |  | 0 |
| 2N5942 | NS | $\times 29$ | L66 | 65 V | 35 v | 4 V | 12A | 200 C | 140 WC | 50N250P | 10 MN | 14 | vHP | $\stackrel{\sim}{\mathrm{Nab}}$ |  |  | 0 |
| 2＾5943 | As | 1039 | LC4 | 40 V | 30 V | $3 \vee 5$ | 400ma | 200C | 1WFI | 200M 2P5 | 25／300 | 5 CMA | UHP | MOB |  |  | 0 |
| 2̇N5944 | NS | $\times 28$ | 165 | 36 V | 16 V | 4 V | 400ma | 2000 | 5nc | 15P | 20 mN | 100 Na | UNP | mOB |  |  | 0 |
| 215945 | NS | $\times 28$ | 165 | 36 V | 16 V | 4 V | gooma | 200C | 15 WC | 25 P | 20 mN | 200 MA | UMP | MCB |  |  | 0 |
| 215946 | NS | $\times 28$ | L 65 | 36 V | $1 \in \mathrm{~V}$ | 4 V | 2 A | 200C | 37 WC | 45 P | 20 MN | 500 MA | UHP | NOB |  |  | 0 |
| 2N5947 | NS | $\times 27$ | 164 | 40 V | 30 V | $3 \vee 5$ | 400MA | 200C | 5 WCl | 100 M 4 P | 25／250 | 75 MA | UNP | NOR |  |  | 0 |
| 2N5949 | FE |  |  |  |  |  |  |  |  |  |  |  | FET |  |  |  | 0 |
| 2N5950－53 | FE |  |  |  |  |  |  |  |  |  |  |  | FET |  |  |  | 0 |
| 2N5961 | NS | 10106 | L17 | 60 V | tov | 3 V | 50 NA | 125 C | 625 MWF | 100N 4 F | 150 NN | 10 MA | ALG | FCU | BC237 | 2N5825 | 0 |
| 2＾5962 | AS | 10106 | L17 | 45 V | 45 v | 8 V | 50 MA | $125 C$ | 625 MWF | 100M 4P | 600 MN | 1 CMA | ALN | FCU | BC239C | 2N5827 | 0 |
| 2N5963 | NS | 10106 | L17 | 30 V | 30 V | 8 V | 50 MA | $125 C$ | 625 MWF | 150 M 4 P | 1200 MN | 10 MA | $\triangle L N$ | FCU | BC 239 C | 2N5827 | 0 |
| 2N5974 | PS | 1 P 66 | L32 | 60 V | 40 V | 5 V | 5 A | $150 C$ | 75 hc | 2N300p | 20／120 | 2500 MA | AHG | MCB | 80590 | 2N6126 | 0 |
| 2＾5975 | PS | IOPEE | L32 | 8 CV | 60 V | $5 v$ | 54 | $150 C$ | 75mC | 2N300F | 20／120 | 250 CMA | AHH | Noe | 80590 | 2NS126 | 0 |
| 2N5976 | －S | TOPE6 | L32 | 100 V | 80 V | 5 v | 5 A | 150C | 75 WC | 2M300P | 20／120 | 250 CMA | AHH | MOB | 80590 | 2N6126 | 0 |
| 2N5777 | As | TOPE6 | 132 | 60 V | 40 V | 5 v | 5 A | 150C | 75 WC | 2M200P | 20／120 | 2500 mA | AHG | MOB | BD $\times 73$ | 2N6101 | 0 |
| 2N5978 | AS | 10P66 | L32 | 80 V | 60 V | 5 V | 5 A | 150C | 75 WC | 2M230P | 20／120 | 2500 MA | AHH | MOB | B0x73 | 2N6101 | 0 |
| 2N5979 | NS | 10P6t | 132 | 10 cV | 80 V | 5 V | 5 A | 150C | 75 WC | 2 N 2 COP | 20／120 | 2500 MA | AHH | NOP | B0x73 | 2N6101 | 0 |
| 2＾5980 | P ${ }^{\text {S }}$ | TOPE6 | L32． | 60 V | 40 V | $5 v$ | 8 A | 150 C | SOWC | 2M350P | 20／120 | 4 A | AHC | NCB | 8 Cx 78 | 2N6134 | 0 |
| 2N5781 | pS | TOP 66 | 132 | 80V | tov | 5 V | 8 A | 150 C | 9 CWC | 2M350P | 20／120 | $4 \triangle$ | AHM | MOB | $80 \times 78$ | 2N6134 | 0 |
| 2N5982 | Ps | TOP66 | 132 | 100 V | 80 V | 5 V | 8 A | $150 C$ | 9 ChC | 2M35CP | 20／120 | 4 A | AHH | MCB | 80×78 | 2N6S34 | 0 |
| 2N5983 | As | 10966 | 132 | 6 CV | 40 V | 5 v | 8 A |  | 90WC | 2N250p | 20／170 | 4 A | AHH | MOB | 80×75 | 2N6103 | 0 |
| 2＾5984 | NS | 10P66 | L32 | 80 V | 60 V | 5 V | 9 A | 150 C | SCWC | 2N250F | 20／120 | 4 A | AHe | moe | $80 \times 15$ | 2N6103 | 0 |
| 2＾5985 | NS | TCP 66 | L32 | 100 V | 80 V | 5 V | 8 A | 150 C | 90 WC | 2M250P | 20／12C | 4 A | AHH | MOB | BCx 75 | 2N6103 | 0 |
| 2N5986 | PS | T0P66 | 132 | 60 V | 40 V | 5 V | 12 A | 150 C | 10 cWC | 24500P | 20／120 | 6 A | AHG | MOB | B0X78 | 2N6134 | 0 |
| 2N5987 | PS | 10 P 66 | 132 | 80 V | 60 V | $5 v$ | 12A | 150 C | 100 hC | 2 NSCOP | 20／120 | 64 | AHH | m08 | $80 \times 78$ | 2N6134 | 0 |
| 2＾5989 | PS | 10P66 | L32 | 100 V | 80 V | 5 V | 12A | 150C | 100 WC | 2N500p | 20／120 | 6 A | AHH | MOS | BCx73 | 2N6134 | 0 |
| 215989 | NS | TCPE6 | 132 | 60 V | 40 V | 5 V | 12A | 150C | 1 COWC | 2M300P | 20／120 | 6 A | AHC | MOB | 30x75 | 2N6103 | 0 |
| 2N5990 | ns | TOP 68 | 132 | 80 V | 60 V | 5 v | 12 A | 1506 | 10 CWC | 2M300P | 20／120 | 6 A | AHH | MCB | ED $\times 75$ | 2N6103 | 0 |
| 2＾5991 | $n$ | TCP66 | 132 | 100 V | 80 V | 5v | 12 A | 150C | 100WC | 2 N 300 P | 20／120 | 6 A | AHH | MOB | $80 \times 75$ | 2N6103 | 0 |
| 2N6003 | Ps | $\times 10$ | L2C | 35 V | $25 v$ | 5 V | 500 mA | 125C | 4 CCNWF | 250N 8P | 210 N | 100UA | ALN | GEU | BC 309 | 2N6003 | 0 |
| 2N6008 | NS | $\underline{1098}$ | L21 | 35 V | 25 V | 5 V | 500 mA | 125 C | 400 MmF | 14JN 6P | 250 NN | 10 MA | ALN | GEU | PBC109 | 2N6008 | 0 |
| 2＾6015 | PS | $\times 10$ | L2C | 70 V | 60v | 5 V | 800 NA | 150C | 500 NWF | 240M 15P | 100 ma | 1 CNA | ALG， | GEI | BC307 | 2N6015 | 0 |
| EN6027－28 | しJ |  |  |  |  |  |  |  |  |  |  |  | UJt | MCE |  |  | 0 |
| 2＾6029 | PS | T03 | 105 | 100 V | 100 v | $7 v$ | 20. | 2006 | 200 WC | 1 M INO | 25／50 | $8 \pm$ | AHH | M03 |  | 2N6031 | c |
| 2N6030 | PS | 103 | LC5 | 12 CV | 120 V | $7 v$ | 二CA | 2006 | 2 COWC | IN INO | 20／80 | $8 \wedge$ | AHH | NOE |  | 2N6031 | 0 |
| 2N6031 | PS | 103 | 105 | 140 V | 140 V | $7 v$ | 20A | 200C | $2006 C$ | 1 M INO | $15 / 50$ | 8 A | aH | MCP |  | 2N6031 | 0 |
| 2N6032 | NS | 103 | LC5 | 120 V | 90 V | $7 v$ | 50 A | 200C | 140 WC | 509 | 10／50 | 50 A | VHH | SEU |  |  | 0 |
| 2N60 33 | NS | 103 | 105 | 15 CV | 120 V | $7 v$ | 40 A | 200 C | 14 ChC | 50 N | 1c／50 | 404 | VHH | SEU |  | 2N6032 | 0 |
| 2N6040 | PS | 10966 | 132 | 60 V | 60 V | $5 v$ | $8 \triangle$ | 150C | 75 WC | 4 N 300 P | 1000 mN | 4A | AHD | MOE |  |  | 0 |
| 2＾6041 | PS | TOPE6 | 132 | gov | 80 V | 5 V | 8 A | 150C | 75 WC | 4 M 300 P | 1000 mN | 4 A | AHC | MCS |  |  | 0 |
| 2N6042 | PS | TOP 66 | L32 | 100 V | 100 V | 5 V | 8 A | 150 C | 75 kC | $4 \mathrm{M30}$ CP | 1000 MN | 3 A | AHO | MOR |  |  | 0 |
| 2N6043 | PS | TOP66 | 132 | 60 V | cov | 5 V | 8 A | 150C | 75 WC | 4 M 20 CP | 1000mN | 4 A | AHD | MOB |  |  | 0 |
| 2＾6044 | PS | T0P6E | 132 | 80 V | 80 V | 5 V | 8 A | 150 C | 75wC | 4 N 2 COF | 1000nn | 4 A | AHD | NOR |  |  | 0 |
| 2N6045 | PS | T0P66 | L32 | 100 V | 100 V | 5 V | 8 A | 150 C | 75 WC | 4 N 200 P | 1000 mN | 3 A | AHD | MOB |  |  | 0 |
| 2N6049 | PS | rote | 143 | 90 V | 55 V | $7 v$ | 10 A | 200C | 15WC | 3 M 200 P | 25／100 | 50 CMA | RHG | MCB | BLY78 | 2N5050 | 0 |
| 2N6050 | PS | 103 | L05 | 60 V | 60 V | 5 V | 12 A | 200C | 150 WC | $4 \mathrm{M500P}$ | 750 mN | 6 A | AHD | M03 |  |  | 0 |
| 2N6051 | PS | 103 | LC5 | 80 V | 80 V | 5 V | 12 A | 200c | 15 chC | 4N500P | 750 mN | 6 A | AHD | MOB |  |  | 0 |
| 2＾6052 | PS | 103 | L05 | $100^{\circ} \mathrm{V}$ | 100 V | 5 V | 12A | 200 C | 150 WC | 4M500P | 750 mN | 6 A | AHC | NOB |  |  | － |
| 2N6053 | PS | 103 | 105 | 60 V | 60 V | 5 V | 84 | 200 C | 100 WC | $4 \mathrm{M300P}$ | 750 MN | 4 A | AHD | MOB |  |  | 0 |
| 2N6054 | PS | T03 | LC5 | 80 V | 80 V | 5 V | 8 A | 2006 | 100 WC | 4 M 300 P | 750 MN | 4 A | AHC | MOB |  |  | 0 |
| 2N6055 | pS | IC3 | LC5 | 60 V | 60 V | 5 V | 8 A | 2000 | 100 WC | 4 N 200 P | 750 MN | 4 A | AHC | MOB |  |  | － |
| 2N6056 | PS | 103 | L05 | 8 cV | 80 V | 5 V | 8 A | 200C | 1 COWC | 4 N 2 COF | 750 MN | 4 A | AHD | mob |  |  | 0 |
| 2N6057 | ns | 103 | LC5 | 60 V | 60 V | 5 V | 12A | 200 C | 150 WC | $4 \mathrm{M300P}$ | 750 mN | $6 A$ | AHL | MCB |  |  | 0 |
| 2N6058 | NS | 103 | L05 | 80 V | 80 V | 5 V | 12 A | 200C | 150 WC | $4 \mathrm{M300P}$ | 750 MN | $6{ }^{6}$ | AHD | MOB |  |  | 0 |
| 2N6059 | NS | 103 | 105 | 100 V | 100 V | 5 V | 12 A | 200C | 15 chC | 4N300P | 750 NN | 6 A | $\triangle \mathrm{HH}$ | moe |  |  | 0 |
| 2N6064 | PG | 108 | 112 | 80 V | 80 V | 5 V | 10 A | 110 C | 56 WC | 300 K | $20 / 50$ | 3 A | AHH | MOB |  | 2N6066 | 0 |
| 2ヘ6C65 | PG | 108 | 112 | 120 V | 120 V | 5 V | 10 A | 110 C | 56 kC | 300 K | 20／50 | 3 A | $\triangle H H$ | MOE |  | 2N6066 | 0 |
| 2N6066 | PG | T08 | 112 | 160 V | 160 V | 5 V | 10 A | 1100 | 56 WC | 300K | 20／50 | 3 A | AHH | MCB |  | 2N6066 | 0 |
| 2N6067 | PS | 1092 | 114 | 50 V | 40 V | $5 v$ | 14 | 150 C | 625 MWF | $150 \mathrm{M} \mathrm{16P}$ | 25／150 | 500 MA | VMS | MOB |  | 2N3765 | 0 |
| 2N6068－69 | It． |  |  |  |  |  |  |  |  |  |  |  | THY | MOE |  |  | 0 |
| $\begin{aligned} & \text { 2N6070-75 } \\ & \text { 2N6080 } \end{aligned}$ | $\mathrm{IH}_{1} \mathrm{H}$ | $\times 28$ | L65 | 36 V | 18 V | $4 v$ | 1 A | 200 C | 12 WC | 20 | 5 MN | 25 CMA |  | NOB |  |  | 0 |


| TRANSISTOR NUMBER | $\begin{aligned} & \text { PM } \\ & \text { OA } \\ & \text { LT } \end{aligned}$ | $\begin{aligned} & \text { PACK- } \\ & \text { AGE } \end{aligned}$ | $\begin{aligned} & \text { LEAD } \\ & \text { INFO } \end{aligned}$ | $\begin{aligned} & \text { VCB } \\ & \text { MAX } \end{aligned}$ | $\begin{gathered} \text { VCE } \\ \text { MAX } \end{gathered}$ | VEB MAX | ${ }_{\operatorname{MAX}}^{\mathbf{C}}$ | T J MAX | тот | $\begin{array}{ll} F^{T} & C_{0 B} \\ \text { MIN } & \text { MAX } \end{array}$ | $\mathbf{H E}_{\mathbf{F E}}$ | $\begin{gathered} \mathrm{H}_{\mathrm{FE}} \\ \text { BIAS } \end{gathered}$ | USE | MFR | $\begin{aligned} & \text { EURO } \\ & \text { EQVT. } \end{aligned}$ | USA EQVT. | ISS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 216081 | AS | $\times 28$ | 165 | 36 V | 18 V | 4 V | 2500MA | 200C | 31 WC | 85 P | 5 MN | 5COMA | VHP | MCB |  |  | 0 |
| 2N6082 | NS | $\times 28$ | 165 | 36 V | 18 V | 4 V | 4 A | 200 C | 50 WC | 130 P | 5 MN | 1 A | UHP | MOE |  |  | 0 |
| 2N6083 | NS | $\times 28$ | 165 | 36 V | 18 V | 4 V | 4 A | 200 C | 5 CWC | 130 P | 5 MN | 1 A | UHP | MOB |  |  | 0 |
| 2N6084 | NS | $\times 28$ | 165 | 36 V | 18 v | 4 V | 6 A | 200C | 75 WC | 200P | 5 MN | 1 A | UHP | MCB |  |  | 0 |
| 2^6094 | AS | $\times 29$ | 166 | 36 V | 18 V | 4 V | 1 A | 200 C | 8WC | 20P | 5MN | 250MA | vmp | MOS |  |  | 0 |
| 2N6095 | NS | $\times 29$ | L66 | 36 V | 18 V | 4 V | 2500~A | 200C | 20hc | 120 P | 15 MN | 500 ma | VHP | MCE |  |  | 0 |
| 2^6096 | NS | $\times 29$ | Le6 | 36 V | 18 v | 4 V | 4 A | $200 C$ | 40WC | 190P | 15 MN | 50 CMA | VHP | NOB |  |  | 0 |
| 2N6097 | NS | $\times 29$ | L66 | 36 V | 18 v | 4 V | 6 A | 200C | 60 WC | 400 P | 15 MN | 50 OMA | VHP | MOE |  |  | 0 |
| 2N6098 | AS | TOQ66 | 133 | 70 V | 60 V | 8 V | 10 A | 150 C | 75wC |  | 20180 | 4 A | AHH | ATI | $80 \times 72$ | 2N6100 | 0 |
| 2N6099 | ns | TOP6E | L32 | 70 V | 60 V | 8 V | 10 A | 150C | 75 WC |  | 20180 | 4 A | AHH | ATI | BCx73 | 2N6101 | 0 |
| 2N6100 | NS | 1066́6 | L33 | 80 V | 70 V | 8 V | 10a | 150C | 75 kC |  | $20 / 80$ | 5 A | AHH | AtI | BDX72 | 2N6100 | 0 |
| 2N6101 | AS | TCP 66 | 132 | 80 V | 70 V | 8 V | 10A | 150 C | 75 WC |  | 20/80 | 54 | AHH | ATI | $80 \times 73$ | 2N6101 | 0 |
| 2N6102 | AS | TCQ6t | 133 | 45 V | 40 V | 5 V | 16A | 150 C | 75 WC |  | 15/60 | 8 A | AHG | All | BDx 12 | 2N6100 | 0 |
| 2N6103 | NS | 10966 | L32 | 45 V | 40 V | 5 V | 16 A | 150 C | 75hC |  | 15/60 | 8 A | AHG | ATI | B0×75 | 2N6103 | 0 |
| 2N6106 | PS | 10666 | L. 33 | 80 V | 70 V | 5 V | 7 A | 150 C | 40 hF | 500k | 30/150 | 2 A | AHH | RCU |  | 2N6106 | 0 |
| 2N6107 | PS | TOP 66 | 132 | 80 V | 70 V | 5 V | 7 A | 150 C | 4 ChF | 500k | 30/150 | 2 A | AHH | RCU | 80×78 | 2N6134 | 0 |
| 2N6108 | PS | 10966 | L3? | 60 V | 50 v | $5 v$ | 7 A | 150C | 40 WF | 500 K | $3 \mathrm{C} / 150$ | 2 A | AHH | RCB |  | 2N6106 | 0 |
| 2N6109 | PS | TOP66 | L32 | 60 V | 50 V | 5 V | 7 A | 150 C | 40 WF | 500k | 30/150 | 2 A | AHG | RCU | 80×78 | 2N6134 | 0 |
| 2N6110 | PS | 10666 | L33 | 40 V | 30 V | 5 V | 7 A | 150C | 40 hF | 500 K | 30/150 | 2 A | AHG | RCU |  | 2N6106 | 0 |
| 2N6111 | PS | TOP66 | 132 | 40 V | 30 v | 5 V | 7 A | 150 C | 40 WF | 500k | 30/150 | 2 A | AHG | RCU | 80×78 | 2N6134 | 0 |
| 2N6114-15 | UJ |  |  |  |  |  |  |  |  |  |  |  | UJT | MCB |  |  | 0 |
| 2NEIIt-18 | LJ |  |  |  |  |  |  |  |  |  |  |  | UJT | MCE |  |  | 0 |
| 2N6121 | AS | TOP66 | L32 | 45 V | 45 v | 5 V | 4 A | 150C | 40WC | 2 N | 25/100 | 1500 ma | AHG | FCU | B0589 | 2N6123 | 0 |
| 2^6122 | NS | TCP66 | L 32 | 60 V | 60 v | 5 V | 4 A | 150 C | 40 hC | $2^{N}$ | 25/100 | 15 COMA | $\triangle \mathrm{HH}$ | FCU | B0589 | 2N6123 | 0 |
| 2N6123 | NS | TOP 66 | 132 | 80 V | 80 V | 5 V | 4 A | 150C | 4 ChC | 2 M | 20/80 | 1500 ma | AHH | FCU | 80599 | 2N6123 | - |
| 206124 | PS | TOP66 | 132 | 45 V | 45 v | 5 V | 4 A | 150 C | 40 WC | 2 M | 25/100 | 1500 ma | AHG | FCU | B0590 | 2N6126 | 0 |
| 2N6125 | PS | TOP66 | 132 | 60 V | 60 V | 5 V | 4 A | 150 C | 4 chC | 2 M | 25/100 | 1500 MA | AHH | FCU | BD590 | 2N6126 | 0 |
| 2^612t | PS | TOP66 | L32 | 80 V | 80 V | 5 V | 4 A | 150 C | 40 hC | 2 M | 20/80 | 1500ma | AHH | FCU | 80590 | 2N6126 | 0 |
| 2^6129 | NS | TOPE6 | L32 | 4 cV | 40 V | 5 V | 7 A | 150C | 50 WC | 2 M | 20/100 | 250 CMA | AHG | FCU | $8 \times \times 73$ | 2N6101 | 0 |
| 2N6130 | NS | 10966 | 132 | 60 V | 60 V | 5 V | 7 A | 150 C | 50 WC | 24 | 20/100 | 250 CMA | AHH | FCU | 80×73 | 2N6101 | 0 |
| 2^6131 | ns | TOP66 | L32 | 80 V | 80 V | 5 V | 7 A | 150 C | 50wC | $2 \mu$ | 20/100 | 2500 ma | AHH | FCL | B0x73 | 2N6101 | 0 |
| 2^6132 | PS | 10P66 | 122 | 40 V | 40 V | 5 V | 7 A | 150 C | 50 hC | 2 M | 20/100 | 250 cma | AHG | FCU | $80 \times 78$ | 2N6134 | 0 |
| 2N6133 | -S | TOP66 | 132 | 60 V | 60 V | 5 V | 7 A | 150 C | 50 Wc | 2 M | 20/100 | 250 cma | AHM | FCU | 80x78 | 2N6134 | 0 |
| 2N6134 | PS | TOP66 | 132 | 80 V | 80 V | 5 V | 7 A | 150C | 50 WC | 2 M | 20/100 | 25 ccma | AHH | FCU | 80×78 | 2N6134 | 0 |
| 2N6135 | NS | $\times 27$ | L64 | 35 V | 25 V | $3 \vee 5$ | 250 MA | 2006 | 2500MWC1 | 100M 3P | 25/300 | 80 MA | UMP | MOB |  |  | 0 |
| 2^613t | AS | $\times 28$ | 165 | 36 V | 18 V | 4 V | 6 A | 200C | 60 wC | 70p | 20 MN | 14 | UHP | MOE |  |  | 0 |
| 2N6139 | Tr |  |  |  |  |  |  |  |  |  |  |  | thy | NOB |  |  | 0 |
| 2N6140-44 | IH |  |  |  |  |  |  |  |  |  |  |  | THY | MCB |  |  | 0 |
| $2 N 6145-47$ $2 N \in 148-45$ | IH |  |  |  |  |  |  |  |  |  |  |  | THY | MCB |  |  | 0 |
| 2N6148-45 | TH |  |  |  |  |  |  |  |  |  |  |  | THY | MOB |  |  |  |
| 2NE150 | IH |  |  |  |  |  |  |  |  |  |  |  | THY | MCE |  |  | 0 |
| 2N6151-56 | TH |  |  |  |  |  |  |  |  |  |  |  | THy | MDB |  |  | 0 |
| 2N6157-59 | $\mathrm{IH}_{\mathrm{H}}^{\mathrm{T}}$ |  |  |  |  |  |  |  |  |  |  |  | Ity | MCB |  |  | 0 |
| 2NELEC-ES | ${ }_{\text {in }}^{1+}$ |  |  |  |  |  |  |  |  |  |  |  | THY | MCE |  |  | 0 |
| 2N616t | AS | $\times 29$ | 166 | 65 V | 35 V | 4 V | 98 | 200C | 117wC | 130 P | 5 MN | 500 MA | VHP | MOB |  |  | 0 |
| 2NE167-69 | TH |  |  |  |  |  |  |  |  |  |  |  | thy | MCE |  |  | 0 |
| 2NE170 | TH |  |  |  |  |  |  |  |  |  |  |  | THY | MCB |  |  | 0 |
| 2N6171-74 | It |  |  |  |  |  |  |  |  |  |  |  | THY | MCB |  |  |  |
| 2N6175 | NS | 10P6t | 132 | 30 CV | 250 V | 6v | 14 | 1306 | 2 chC | $21 \%$ | 30 nN | 20 MA | ALE | RCU | 80232 | 2N6177 | 0 |
| 2N6176 | NS | T0P66 | L32 | 350 V | 300 V | 6 V | 14 | 130 C | 20 WC | $21^{\prime}$ | 30 mN | 2 CMA | ALE | RCU | 85232 | 2N6177 | 0 |
| 2N6177 | NS | 10966 | 132 | 450 V | 350 V | 6 V | 1 A | 1300 | 20 wC | 21 M | 30mn | 5 Cra | ALE | RCU | 80232 | 2N6177 | 0 |
| 2N6182 | PS | 1059 | 163 | 80 V | 80 V | 6 v | 10 A | 200 C | 6 ChC | 30~30CP | $30 / 120$ | 2 A | RHH | MCE |  |  | 0 |
| 2N6183 | PS | 1059 | 163 | 80 V | 80 V | 6 V | 1 CA | 200C | 60 WC | 30 H 30 CP | 60/240 | $2 \triangle$ | RHH | MOB |  |  | 0 |
| 216184 | PS | 1059 | L63 | 100 V | 10 CV | 6 V | 1 CA | 200C | 60 hC | 30 N 300 P | 30/120 | 2 A | RHH | mos |  |  | 0 |
| 2N6185 | PS | 1059 | L 63 | 100 V | 100 V | 6 V | 10a | 200 C | 6 cmC | 30 N 300 P | $60 / 240$ | 2 A | RHH | MCB |  |  | 0 |
| 2N6186 | PS | 1059 | L63 | 8 CV | 80 V | 6 V | 10A | 200C | 6 CWC | 30M30CP | $3 \mathrm{c} / 120$ | 2 A | RHH | M08 |  |  | 0 |
| 2N6187 | PS | 1059 | 163 | 80 V | 80 V | 6 V | 10 A | 200 C | 6 CmC | 30~3008 | 6C/240 | 2 A | RHH | MOE |  |  | 0 |
| 2^6188 | PS | 1059 | 163 | 10 CV | 100 v | 6 V | 10 A | 200C | 60 WC | 30~300p | 30/120 | 2 A | RHH | MOB |  |  | 0 |
| 2^6189 | PS | 1059 | $L \in 3$ | 10 CV | 100 v | 6 V | 1 CA | 200 C | 60 WC | 30M300P | 60/240 | 2 A | RHH | Mas |  |  | 0 |
| 2N6190 | PS | 1039 | 104 | 80 V | 80 V | 6 V | 5 A | 200C | 10 wC | 30 M 300 P | 30/120 | 2 A | RHH | MOP |  | 2N6193 | 0 |
| 2NE191 | PS | 1039 | 104 | 8 cv | 80 V | 6 V | 5 A | 200C | 10WC | 30N30CP | 60/240 | 2 A | RHH | MOB |  | 2N6193 | 0 |
| 2N6192 | PS | 1039 | LC4 | 10 CV | 100 V | 6 V | 5 A | 2006 | 1 cwC | 30 ncop | 30/120 | 2 A | RHH | mat |  | 2N6193 | 0 |
| 2 V 6193 | PS | 1039 | L04 | 100V | 100v | 6 V | 5 A | 200 C | 10 WC | 30N300P | 60/240 | 2 A | RHH | MOB |  | 2N6193 | 0 |
| $2 N 6228$ | PS | 103 | LC5 | 100 V | 100 v | $7 v$ | 6 A | 200 C | 150 WC | 1M450P | 20/100 | 3 A | А $\mathrm{H} \boldsymbol{H}$ | MCB |  |  | 0 |
| 2N6227 | PS | 103 | L05 | 120 V | 120 V | 7 V | 64 | 2006 | 150 HC | 1 M450P | 20180 | 3 A | AHH. | MOB |  |  | 0 |
| 2ngz28 | PS | 103 | L05 | 14 cV | 140 V | $7 v$ | 6 A | 200 C | 150wC | 1N450p | 15/60 | 3 A | AHH | MOB |  |  | 0 |
| $2 \wedge 6229$ | PS | 103 | LC5 | 100 V | 100 V | 7 V | 1 CA | 200 C | 150 hC | 1 M600P | 25/100 | 5 A | AHH | MOB |  |  | 0 |
| 2N6230 | PS | T03 | 105 | 120 V | 120 V | $7 v$ | 10A | 200C | 150 hc | $1 \mathrm{M600P}$ | 20/80 | 3 A | AHH | MOB |  |  | 0 |
| 2N6231 | PS | 103 | 105 | 140 V | 140 V | $7 v$ | 10 A | 200 C | 150 WC | 1 M 600 P | 15/60 | 3 A | AHH | M CB |  |  | - |
| 2N6233 | AS | 1066 | 143 | 250 V | 225v | 6 V | 5 A | 200 C | 5 CWC | 20M250P | 25/125 | 1 A | RHE | M03 |  |  | - |
| 2N6234 | NS | 1066 | 143 | 300 V | $275 v$ | 6 V | 5 A | 200 C | 50 WC | 20M250p | 25/125 | 14 | RHE | MCB |  |  |  |
| $2 N 6235$ | NS | toet | 143 | 350 V | $325 v$ | 6 V | 54 | 200 C | 50 WC | 20M250P | 25/125 | 1 A | RHE | NOB |  | 2N6235 | 0 |
| 2N6236-39 | TH |  |  |  |  |  |  |  |  |  |  |  | THY | MOE |  |  | 0 |
| 2N6240-41 | TH |  |  |  |  |  |  |  |  |  |  |  | Thy | MCB |  |  | 0 |
| 2N6255 | AS | 1039 | 104 | 36 V | 18 V | 4 V | 1 A | 2000 | 5wC | 20 P | 5MN | 250 MA | VMP | MOB |  |  | 0 |
| 2N6256 | NS | $\times 28$ | 165 | 36 V | 16 V | 4 V | 400MA | 200 C | 2wC | 8 P | 20/200 | 5 CMA | UNP | MOB |  |  |  |
| 216257 | AS | 103 | L05 | 50 V | 40 V | 5 V | 3 CA | 200 C | 200wC | 200k | 15/75 | 8 A | AHG | MCB |  | 2N6031 | 0 |
| 2N6274 | NS | 103 | L05 | 120 V | 100 V | 6 V | 50 A | 200c | 250 WC | 30M600P | 30/120 | 20 A | RHiH | MOB |  | 2N6031 | 0 |
| 2N6275 | NS | 103 | 105 | 140 V | 120 V | 6 V | 50 A | $200 C$ | 25 ckc | 30n600p | $3 \mathrm{c} / 120$ | 204 | RHH | MOE |  |  | 0 |
| $2 N 6276$ | ns | 103 | 105 | 160 V | 140 V | 6 V | 5 CA | 200C | 250 WC | $30 \mathrm{mb00P}$ | 30/120 | 204 | RHH | MOB |  |  | 0 |


| TRANSISTOR | $\left\|\begin{array}{c} \text { PM } \\ \mathbf{O A} \\ \mathbf{L T} \end{array}\right\|$ | PACK- | $\begin{array}{\|l\|} \text { LEAD } \\ \text { INFO } \end{array}$ | VCB MAX | $\begin{gathered} \text { VCE } \\ \text { MAX } \end{gathered}$ | $\begin{aligned} & \text { VEB } \\ & \text { MAX } \end{aligned}$ | 1 C MAX | ${ }^{\mathbf{T}}$ J MAX | тот | $\begin{array}{ll} F & C_{0 B} \\ \text { MIN } & \text { MAX } \end{array}$ | $H_{F E}$ | $\begin{gathered} \mathrm{H}_{\mathrm{FE}} \\ \text { BIAS } \end{gathered}$ | USE | MFR | EURO EQVT． | $\begin{aligned} & \text { USA } \\ & \text { EQVT. } \end{aligned}$ | ISS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2N6277 | NS | 103 | 105 | 180 V | 150 V | 6 V | 50 A | 2006 | 250 WC | 30 n 600 F | 30／120 | 204 | RHH | $\cdots \mathrm{OB}$ |  |  | 0 |
| 2N6278 | AS | 1063 | 160 | 120 V | 100 V | 6 V | 1004 | 200C | 250 WC | 30 N 600 P | 30／120 | 20 A | RHP | MOB |  |  | 0 |
| 2N6279 | NS | T063 | L $\in 0$ | 140 V | 120 V | 6 V | 10CA | 200C | 250wC | 30M600P | 30／120 | 20 A | RHP | MOB |  |  | 0 |
| 2N6280 | NS | T063 | L $\in 0$ | 160 V | 140 V | 6 V | 100 A | 200C | 25 CWC | $30 \mathrm{M6} 00 \mathrm{P}$ | 30／120 | 2 CA | RHP | ${ }^{\text {MOR }}$ |  |  | 0 |
| 2N6281 | ns | 1063 | LeO | 180 V | 150 V | 6 V | 100A | 200C | 25 CHC | 30M600P | 30／120 | 20 A | RHP | MOB |  |  | 0 |
| 2＾6282 | NS | 103 | 105 | 6 CV | 60 V | 5 V | 2 CA | 2000 | 16 OWC | 4 M 400 P | 750 mN | 10A | AHD | MOE |  |  | 0 |
| 2N6283 | NS | 103 | L05 | 80 V | 80 V | 5 V | 204 | 2006 | 160 WC | 4 M 400 P | 750 MN | 10A | AHD | NOB |  |  | 0 |
| 2N6284 | ns | 103 | 105 | 100 V | 100 V | 5 V | 204 | 200 C | 160 WC | $4 \mathrm{M400P}$ | 750 MN | 10 A | AHC | MCB |  |  | 0 |
| 2N6285 | PS | 103 | L05 | 60 V | 60 V | 5 V | 20A | 2006 | 160WC | $4 \mathrm{M600P}$ | 750 MN | 10 A | AHD | MOB |  |  | 0 |
| 2N6286 | ps | 103 | LCS | 80 V | 80 V | 5 V | 20 A | 200 C | 160 WC | $4 \mathrm{N600P}$ | 750 MN | 10 A | AHD | MOB |  |  | 0 |
| 2N6287 | PS | 103 | LC5 | 10 CV | 100 V | 5 V | こCA | 200C | 160 WC | $4 \mathrm{N600P}$ | 750 MN | 10 A | AHC | MOB |  |  | 0 |
| 2N6288 | NS | TOP 66 | 132 | 40 V | 40 V | 5 V | 7 A | 150C | 16 WC | 500 K | 30／150 | 3 A | AHG | RCU | 80×73 | 2N6101 | 0 |
| 2N6289 | AS | TOQE6 | L3？ | 40 V | 40 V | 5 V | 7 A | 150 C | 16 WC | 500 K | 30／150 | 3 A | AHG | RCU |  | 2N6293 | 0 |
| 2＾6290 | As | T0P66 | L32 | 60 V | 60 V | 5 V | 7 A | 150 C | 16 WC | 500k | $30 / 150$ | 2500 ma | AHH | RCU | 80589 | 2N6123 | 0 |
| 2N6291 | NS | 10666 | L33 | 60 V | 60 V | 5 V | 7A | 150 C | 16 hC | 500k | 30／150 | 7500 mA | AHH | RCU |  | 2N6293 | 0 |
| 2NE2s2 | ns | topet | 132 | 80 V | 80 V | 5 V | 7A | 150C | 16WC | 500k | 30／150 | 2 A | AHH | RCU | 80589 | 2N6123 | 0 |
| 2N6293 | NS | TOQ66 | 133 | 80 V | 80 V | 5 V | 7A | 150 C | 16 WC | 500k | 30／150 | 2 A | AHH | RCU | 80589 | 2N6293 | 0 |
| 2N6294 | As | 1066 | 143 | 60 V | 60 V | 5 V | 8 A | 200 C | 50 WC | 4 N 120 P | 750 MN | 2 A | AHD | MOB |  |  | 0 |
| 2N6295 | AS | 1066 | 143 | 8 CV | 80 V | 5 V | 8 A | 2006 | 50 WC | $4 \mathrm{Ml20P}$ | 750 MN | 2 A | AHD | M0B |  |  | 0 |
| 2N6296 | PS | 1066 | 143 | 60 V | 60 V | 5 V | 84 | 200C | 50 wC | 4N200P | 750 MN | 2 A | AHD | MOB |  |  | 0 |
| 2N6297 | PS | $106 t$ | 143 | 80 V | 80 V | 5 V | $8 A$ | 200 C | 50WC | 4 m 200 P | 750 MN | $2 A$ | AHC | MCB |  |  | 0 |
| 2 N 6298 | ns | 1066 | 143 | 6 CV | 60 V | 5 V | 8 A | 200 C | 75 WC | 4 M 300 P | 750 MN | 4 A | AHE | M03 |  |  | 0 |
| 2NE29s | NS | 1066 | 143 | 80 V | 80 V | 5 V | 8 A | 200C | 75 kc | 4 N 300 P | 750 MN | 4 A | AHD | MOB |  |  | 0 |
| 2N6300 | ns | 1066 | 143 | 60 V | 60 V | 5 V | 8 A | 200C | 75 WC | 4 N 200 P | 750 MN | 4 A | AHD | MOB |  |  | － |
| 2＾6301 | AS | T06t | 143 | 8 CV | 80 V | 5 V | eA | 200C | 75wC | 4 M 200 P | 750 mN | 4 A | AHC | MOB |  |  | 0 |
| 2N6302 | AS | 103 | 105 | 140 V | 120 V | 7 V | 304 | 2006 | 15 CWC | 200k | 15／60 | 8 A | AHH | MOB |  |  | 0 |
| 2＾6304 | AS | 1072 | 106 | 30 V | 15 V | 3 V 5 | 50 MA | 200 C | 200 MFF 1 | 1400 N 1 P | 25／250 | 2 MA | ULA | MOB |  |  | 0 |
| 2N6305 | NS | 1072 | LCE | 30 V | 15 V | 3 Vb | 50 MA | 200C | 20CNWFl | 1200 N 1 P | 25／250 | 2 MA | ULA | MOE |  |  | 0 |
| $2 N 6306$ | NS | 103 | L05 | 500v | 250 V | 8 V | 8 A | 200 C | 125 WC | 5N250p | 15175 | 3 A | RHE | N09 |  |  | 0 |
| 2N63C7 | AS | 103 | LC5 | 600 V | 300 V | 8 V | 8 A | 200 C | 125 WC | 5M250P | $15 / 75$ | 3 A | RHE | MCB |  |  | 0 |
| 2N6308 | NS | 103 | LC5 | 700V | 350 V | 8 V | 8 A | $200 C$ | 125 hc | 5N250F | 12／60 | 3 3 A | RHE | MOR |  |  | 0 |
| 216312 | PS | 1066 | 143 | 40 V | 40 V | 5 V | 5 A | 200 C | 75 hC | $4 \mathrm{N300P}$ | 25／100 | 1500 MA | AHG | MOB |  |  | 0 |
| 2＾6313 | PS | TC6t | 143 | 60 V | 40 V | 5 V | 5 A | 200C | 75 WC | 4 N 300 P | 25／100 | 150 cma | AHG | MOB |  |  | 0 |
| 2N6314 | ps | T066 | 143 | 80 V | 80 V | 5 V | 54 | 200 C | 75 WC | $4 \mathrm{M300P}$ | 25／100 | 150 CMA | AHG | MOB |  |  | 0 |
| 2N6338 | AS | 103 | LC5 | 120 V | 100 V | 6 V | 25 A | 200C | 200 WC | 40M300P | 30／120 | 10 A | VHG | MOB |  |  | 0 |
| 2N6339 | NS | 103 | LC5 | 14 CV | 120 V | 6 V | $\bigcirc{ }^{-25 A}$ | 200 C | 2 COWC | 40N3COP | 30／120 | 1 CA | VHG | NOE |  |  | 0 |
| 2N6340 | NS | 103 | L05 | 160 V | 140 V | 6 V | 25A | 200C | 200 WC | 40 M 300 P | 30／120 | 10A | VHE | MOB |  |  | 0 |
| 21.6341 | NS | 103 | LCS | 19 CV | 150 V | 6 V | 25 A | 200C | 200WC | 40 M 300 P | 30／120 | 10 A | VHE | ${ }^{\sim} \mathrm{OB}$ |  |  | 0 |
| $\begin{aligned} & \text { 2N6342-4S } \\ & \text { 2N6355 } \end{aligned}$ | TH | T03 | LC5 | 50 V | 40 V | 5 V | 204 | 150 C | 15 CWC | $4 \mathrm{N600F}$ | 500 NN | 4 A | THY | MO3 MCE |  |  | 0 |
| 2＾t356 | NS | 103 | LO5 | 5 CV | 40 V | 5 V | 2 CA | 150C | 150 hC | $4 \mathrm{N6} 00 \mathrm{~F}$ | 1500 NN |  | AHD | Not |  |  | 0 |
| 2N6357 | NS | 103 | 105 | 80 V | 60 V | 5 V | 20A | 150 C | 150 WC | $4 \mathrm{M600P}$ | 500 mN | 4 A | AHD | NOB |  |  | 0 |
| 2N6358 | ns | 103 | LC5 | 80 V | GOV | 5 V | 20 A | 150C | 150wC | 4 M 600 P | 1500mN | 4 A | AHC | MOB |  |  | 0 |
| 2N6359 | As | 103 | LC5 | 10 CV | 80 V | 7 V | 16 A | 200 C | 150WC | 200k | 15／60 | 8 A | AHH | MOB |  |  | 0 |
| 2N6360 | NS | 103 | 105 | 120 V | 100 v | 7 V | 12 A | 200 C | 150 WC | 200k | 15／60 | 6 A | AHH | MOE |  |  | － |
| 216367 | ns | $\times 29$ | Let | 36 V | 18 v | 4 V | 2 A | 200C | 20wC | 50M 90p | $5 / 50$ | 50 CMA | RHP | NOB |  |  | 0 |
| 2N6368 | NS | $\times 29$ | 166 | 40 V | 20 V | 4 V | 8 A | 200 C | 14 CWC | 50M350P | 10 MN | 1 A | RHP | MOB |  |  | 0 |
| $2 \mathrm{SCl}_{4}$ | AS | T0ヶ | 104 | 40 V |  | 1 v | 20NA | 1656 | 125 MWF | 10M 3P？ | 20／55 | 10 MA | RMG | T IB |  |  | 0 |
| 25017 | AS | 105 | 104 | 60 V | 60 V | 8 V | 400 MA | 1756 | 4WC2 | 2500k | 12／36 | 200 mA | RMG | 119 |  |  | － |
| 25018 | NS | 105 | LC4 | 10 CV | 100 v | 8 V | 400 ma | 1756 | 4hC2 | 2500K | $12 / 36$ | 200 MA | RNH | TIP |  |  | 0 |
| 25 Cls | ns | 105 | 104 | 60 V | 60 V | 8 V | 400na | 175c | 4 WC 2 | 2500K | $30 / 90$ | 2 Ccma | RM G | IIB |  |  | 0 |
| 25020 | NS | 105 | 104 | 100 V | 100 V | 8 V | 400ma | 175 C | $4 W C 2$ | 2500k | 30190 | 200MA | RMH | TIB |  |  | 0 |
| $25^{\text {CS3 }}$ | NS | 103 | L05 | 100 V | 75 v |  | 3 A | 175C | 4 chC | $15 N$ | 30／100 | 1 A | RHH | TIE |  |  | 0 |
| 25034 | ns | 103 | LOS | 10 V | 75 V |  | 3 A | 175C | 40 nc | 15 N | 601200 | 14 | RHH | T18 |  |  | － |
| 25035 | NS | 103 | LC5 | 15 CV | 100 v |  | 34 | 175 C | 40 WC | 15N | 30／100 | 1 A | RHH | Tis |  |  | 0 |
| 2SC36 | As | 103 | LC5 | 150 V | 100 v |  | 3 A | 1750 | 40 WC | 15 M | $60 / 200$ | 1 A | RHH | TIR |  |  | 0 |
| 2S55A | ns | 1018 | 201 | 25 V | 20 V | 5 V | 200MA | 1756 | 300 MWF | 300 M | $50 / 200$ | 10 MA | vL S | T18 | BS $\times 20$ | 2N2369 | 0 |
| 25102 | NS | 1018 | LC1 | 60 V | 45 V | 6 V | 50 MA | 1756 | 400 MmF | 150 N 10 P | 20／50 | 5 MA | RLG | TIE | BSW64 | 2N2222A | 0 |
| 25103 | NS | 1018 | L02 | 60 V | 45 v | 6 V | 50 MA | $175 C$ | 400 MWF | 150N 10 P | 40／100 | 5 MA | RLG | TIB | BSW64 | 2N2222A | 0 |
| 2S104 | AS | 1018 | LC2 | 60 V | 45 v ． | 6 V | 5 CmA | 1750 | 400 NWF | 150M 10P | 80／200 | 5 MA | RLG | TiB | BSW64 | 2N2222A | － |
| 2S131 | As | 10.18 | 101 | 15 V | 12 v | 5 V | 200MA | 1756 | 300 MWF | 220 N | 20 NN | 10 Ma | VLS | TIE | $85 \times 20$ | 2N2369 | 0 |
| 25301 | PS | 105 | L04 | 80 V | 80 V | 30 V | 100MA | 2006 | 30 CMWF | 350K 65P | 10／30 | 1 MA | ALH | TIB |  |  | 0 |
| 25302 | PS | 105 | LC4 | 40 V | 40 V | 20 V | 100 MA | 200 C | 30 cmF | 400K 65P | 15／35 | IMA | AL A | TIE |  |  | － |
| 2S302A | PS | 105 | L04 | 25 V | 25 v | 10 V | 150 ma | 200 C | 300 MWF | 350 K 65 P | $15 / 60$ | 1 cmA | ALA | T18 |  |  | － |
| 25303 | PS | 105 | 104 | 25 V | 25 v | 20 V | 100～A | 200 C | 300 MWF | 600k 65P | 25／75 | 1 MA | Ala | TIB |  |  | － |
| 25304 | PS | 105 | 104 | 15 V | 15 V | 15 V | 100ma | 200 C | 300 MWF 1 | 1700k 65F | 45／120 | 1 MA | ALA | tie |  |  | － |
| 25305 | PS | 105 | 1.04 | 125 V | 125 V | 50 V | 100 ma | 200C | 300 MWF | 350 K 65 P | 10／30 | 1 MA | ALH | TIE |  |  | － |
| 25306 | PS | 105 | LC4 | 6 V | 6 V | 6 V | 1 CMA | 165 C | 5 CMWF | 750K 65P | 30 MN | 1 MA | ALC | IIB |  |  | 0 |
| 25307 | PS | tos | 104 | 15 V | 15 V | 15 V | 10 MA | 165 C | 50 MWF | 1 M 65 P | 30 MN | 1 MA | ALC | T18 |  |  | － |
| 25321 | PS | roia | 102 | 80 V | 80 V | 30 V | 100ma | 2006 | 300 MWF | 350K 65P | 10／30 | 1 MA | ALH | TIB |  |  | 0 |
| 二S 322 | PS | tola | L02 | 40 V | 40 V | 20 V | 100 ma | 200 C | 30 CMWF | 400K 65P | 15／35 | 1 MA | ALA | 1 IE |  |  | 0 |
| 25322A | PS | rola | LO2 | 25 V | 25 v | 10 V | 100 mA | 200C | 300 MWF | 350K 65P | 15160 | 10 MA | AL A | 118 |  |  | 0 |
| 2S 223 | PS | T01A | LC2 | 25 V | 25 V | 20 V | 100 Ms | 200 C | 300 MWF | 600k 65P | 25／75 | 1 MA ， | ALA | T18 |  |  | 0 |
| 2 S 324 | PS | t01A | 102 | 15 V | 15 V | 15 V | 100ma | 200C | 300 MWF 1 | 1700k 65P | 45／120 | 1 MA | Ala | T13 |  |  | 0 |
| 25325 | PS | i01A | 102 | 125 V | 125 v | 50 V | 100 ma | 200 C | 300 MmF | 350K 65P | $10 / 30$ | 1 MA | ALH | TIB |  |  | 0 |
| 25326 | PS | t01a | LC2 | 6 V | 6V | 6 V | IOMA | 165 C | 50 MWF | 750K 65P | 30 MN | 1 MA | ALC | 118 |  |  | 0 |
| 25327 | PS | T01A | L04 | 15 V | 15 V | 15 V | 10 NA | 165 C | 50 MWF | 1 M 65 P | 30 MN | 1 MA | ALC | JIB |  |  | 0 |
| 25501 | As | T018 | 101 | 25 V | 25 V | 5 V | 3 CMA |  | 300 MWF | 30 M | 40 MN | 10UA | ALN | TIB |  | 2N930 | 0 |
| 25502 25503 | Ns | 1018 1018 | L01 | 25 V 25 v | 25 V 250 | 5 V | 30 ma 30 ma |  | 300 MWF 300 MWF | 30 M 30 N | 100 MN 180 MN | 100 A | al N | Tİ8 |  | 2N2484 2N2484 | 0 |


| TRANSISTOR NUMBER | $\left\|\begin{array}{c} \text { PM } \\ \text { OA } \\ \text { LT } \end{array}\right\|$ | $\begin{aligned} & \text { PACK- } \\ & \text { AGE } \end{aligned}$ | $\left.\begin{array}{\|c\|c\|} \hline \text { LEAD } \\ \text { INFO } \end{array} \right\rvert\,$ | $\begin{aligned} & \text { VCB } \\ & \text { MAX } \end{aligned}$ | $\begin{gathered} \text { VCE } \\ \text { MAX } \end{gathered}$ | $\begin{aligned} & \text { VEB } \\ & \text { MAX } \end{aligned}$ | ${ }^{\prime} \mathbf{C}$ $\operatorname{MAX}$ | ${ }^{T}$ MAX | тот | $\begin{array}{ll} F & C_{0} \\ \text { MIN } & \text { MAX } \end{array}$ | $H_{F E}$ | $\begin{gathered} \mathrm{H}_{\mathrm{FE}} \\ \mathrm{BIAS} \end{gathered}$ | USE | MFR | $\begin{aligned} & \text { EURO } \\ & \text { EQVT. } \end{aligned}$ | USA EQVT. | ISS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 25512 | NS | 1018 | 101 | 25 V | 20 V | 5 V | 200MA | 175C | 300 MWF | 250M | $50 / 200$ | 10 MA | VLS | 118 | BS $\times 20$ | 2N2369 | 0 |
| 253010 | PS | r05 | 104 | 40 V | 40 V | 20 V | 150MA | 200C | 300 MWF | 100K | 10/45 | 10 MA | Ala | T18 |  |  | 0 |
| 253020 | PS | 105 | L04 | 40 V | 40 V | 20 V | 150MA | 2006 | 300M MF | 150k | 15160 | 10 MA | Al A | TIB |  |  | 0 |
| 253021 | PS | 105 | L04 | 15V | 15 V | 10 V | 150MA | $200 C$ | 300 MWF | 150k | 15 MN | 10 MA | Ala | IIB |  |  | 0 |
| 253030 | PS | 105 | 104 | 25 V | 25 V | 10V | 150 MA | 200C | 300 MWF | 250k | 25/85 | 10 MA | Ala | TIB |  |  | 0 |
| 253040 | PS | 105 | 104 | 15 V | 15 V | 10 V | 150MA | 200 C | 300 NHF | 400k | 40 mN | 10 MA | Ala | TIB |  |  | 0 |
| 253210 | PS | 101A | L02 | 40 V | 40 V | 20 V | 150 mA | $200 C$ | 300 MWF | 100k | 10/45 | 10 MA | Ala | tib |  |  | 0 |
| 253220 | PS | T01A | L02 | 40 V | 40 V | 20 V | 150MA | 200C | 300 MmF | 150k | $15 / 60$ | 10 MA | Ala | IIB |  |  | 0 |
| 253221 | PS | t01A | L02 | 15 V | 15 V | 10 V | 150MA | 200C | 300 MWF | 150K | 15 MN | 10 MA | ala | TIB |  |  | 0 |
| 253230 | PS | t01A | 102 | 25 V | 25 V | 10 V | 150 mA | 200C | 300 MWF | 250K | 25/85 | 1 OMA | ALA | TIB |  |  | - |
| 253240 | PS | 101A | L02 | 15V | 15 V | 10 V | 150MA | 2006 | 300 MHF | 400K | 40 MN | 10MA | ala | Tib |  |  | 0 |
| 2SA12 | PG | 101 | 102 | 16 V |  | 1 V | 15 MA | 756 | 80 MWF | 3M12P | 70 TP | 1 MA | RLG | HIJ | 0C44N | 2N2614 | 0 |
| 2SA12H | PG | rol | L02 | 16 V |  | 12 V | 15 MH | 75 C | 80 MWF | 4M 12P | $601 p$ | 1 MA | RLG | HIJ | OC44N | 2N2614 | 0 |
| 2 SA13 | PG | 101 | L02 | 12 V |  | 1 V | 15MA | 85 C | 80 MWF | 3M 13P | 55 TP | 1 MA | RLG | ors | OC44N | 2N2614 | 0 |
| 2 SA15 | PG | TOL | L02 | 16 V |  | iv | 15 MA | 756 | 80 MWF | 5M 12P | 6019 | 1 MA | RLG | HIJ | 0644N | 2N2614 | - |
| 2SA15H | PG | T01 | L02 | 16 V | 13 V | 13 V | 15 MA | 750 | 80 MhF | 4M 12P | 701 P | 1 MA | RLG | HIJ | OC44N | 2N2614 | 0 |
| $2 \mathrm{SA16}$ | PG | 101 | L02 | 12 V |  | Iv | 10 MA | 85 C | 8 CMWF | 5 N 13 P | 60 TP | 1 MA | RLG | OBS | 0C44N | 2N2614 | 0 |
| 2SA17 | PG | 101 | 102 | 12 V |  | OV5 | 150MA | $60 C$ | 80 MmF | 8M 15P | 2501 P | 1 MA | RMg | OBS | ASY27 | 2N1305 | 0 |
| 2SA17H | PG | TO1 | 102 | 16 V | 10 V | 12 v | 15 MA | 75 C | 80MWF | $9 \mathrm{M} \mathrm{12P}$ | 1201P | 1 MA | RLG | HIJ | OC44N | 2N2614 | 0 |
| $25 \triangle 18$ | PG | T01 | L02 | 21 V | 12 V | 12 V | 150MA | $85 C$ | 80 MWF | 6M 15P | 1507 P | IMA | RMG | obs | AS $\times 27$ | 2N1 305 | 0 |
| 2SA18H | PG | T01 | L02 | 216 | 12 V | 16 V | 15MA | 75 C | 80 MWF | 9\% 12P | 140 TP | 1 MA | RLG | HIJ | OC44N | 2N 2614 | 0 |
| 2SA19 | PG | TO1 | LC2 | 12 V |  | 1 v | 2 MA | 45 C | 15 MWF | 20M 3P | 201 P | 1 MA | RLG | OBS | AF 124 | 2N990 | 0 |
| 25420 | PG | 101 | L02 | 12 V |  | 1 V | 2MA | 456 | 15 MWF | 25M 3P | 30 TP | 1 MA | RLG | OBS | AF 124 | 2N990 | 0 |
| 2SA21 | PG | 101 | 102 | 12 V |  | IV | 2MA | 45 C | 15 MWF | 25M 3P | 501 P | 1 ma | RLG | OBS | AF 124 | 2N990 | 0 |
| 25426 | PG | T05 | L04 | 20 V |  | 6 V | 50 MA | $75 C$ | 125 MWF | 2M 20 P | 601P | IMA | RLG | OBS | AS Y 27 | 2N1305 | 0 |
| 25428 | PG | 1044 | L36 | 18 V |  | IV | 5 MA | 75 C | 55 MmF | $4 \mathrm{M} \mathrm{12P}$ | $30 T \mathrm{P}$ | 1 MA | RLG | OBS | OC44N | 2N2614 | 0 |
| 2SA29 | PG | 1044 | L36 | 18 V |  | OV 5 | 5 MA | 75 C | 55 MWF | 30M 6P | 301 P | 1 MA | RLG | OBS | AF 124 | 2N990 | 0 |
| 2SA30 | PG | TO1 | L02 | 12 V |  | 1 V | 15 MA | 750 | 80 MWF | 4 M 12 P | 75 TP | 1 MA | RLG | FUJ | OC44 | 2N2614 | 0 |
| 25431 | PG | 101 | L02 | 12 V |  | 1 V | 10 MA | 750 | 8 CMWF | 2 N 12 P | $501 p$ | 1 MA | RLG | fuJ | OC44N | 2N2614 | 0 |
| 2 SA32 | PG | OES | OBS | 20 V |  | 10 V | 50 ma | 750 | 100 MWF | 4N 15P | 651 P | 1 MA | RLG | FUJ | 0C44N | 2N2614 | 0 |
| 2SA33 | PG | Oes | OBS | 20 V |  | 10 V | 25 MA | 75 C | 100 MWF | 2M 15P | 651 P | 1 MA | RLG | FuJ | OC 44 N | 2N2614 | 0 |
| 2SA35 | PG | TO1 | L02 | 16 V |  | iv | 15 MA | 85 C | 80 MWF | 4M 12P | 75 Tp | 1 MA | RLG | FuJ | OC44N | 2N2614 | 0 |
| 25436 | PG | 101 | 102 | 16 V |  | 1 V | 15 MA | 850 | 80 MWF | 2N 12 P | 501 P | 1 MA | RLG | FUJ | OC44N | 2N2614 | 0 |
| 2SA40 | PG | TOL | L02 | 25 V | 18 V | 12 V | 50 MA | 85 C | 80 MkF | 2 N 12 F | $651 P$ | 1 MA | RLG | FUJ | OC44N | 2N2614 | 0 |
| 2 SA4 1 | PG | rol | L02 | 35 V |  | 20 V | 40 MA | 15C | 25 CMWF | 2N 12P | 4519 | 1 MA | RLG | OBS | OC44N | 2N 2614 | 0 |
| 2 S 442 | PG | 101 | L02 | 45 V |  | 2 CV | 40 Ma | 750 | 250 NWF | 2M 13P | 45 TP | 1 MA | RLG | OBS | 0C44N | 2N2614 | 0 |
| $2 \mathrm{SA43}$ | PG | 1044 | L36 | 35 V |  | 1 V | 10 MA | 85 C | 80 MhF | 15M 3P | 6019 | 1 MA | RLG | fuJ | AF 124 | 2N990 | 0 |
| 25449 | PG | 101 | L02 | 18 V |  | 12 V | 5 MA | 750 | 60 MmF | $5{ }^{\text {M }} 13 \mathrm{P}$ | 30/200 | 1 MA | RLG | TOS | OC44N | 2N2614 | 0 |
| 25a50 | PG | 101 | LC2 | 18 v |  | 12 V | 24 MA | 75 C | 55 MWF | 6N 13 P | 7019 | 1 MA | RLG | OBS | OC44N | 2N2614 | 0 |
| 25451 | PG | 101 | L02 | 18 V |  | 12 V | 5 MA | 75 C | 60 MWF | 6M 13 P | 30/55 | 1 MA | RLG | OBS | OC44N | 2N2614 | 0 |
| 2SA52 | PG | 101 | 102 | 18 V |  | 12 V | 5 MA | $75 C$ | 60 MWF | $4 \mathrm{M} \mathrm{13P}$ | 25/170 | 1 MA | RLG | TOS | OC44N | 2N2614 | 0 |
| 2SA53 | PG | 101 | L02 | 18 V |  | 12 V | 5 MA | $75 C$ | 60 MWF | 2N 13 P | 20/130 | 1 MA | RLG | Tos | OC 44N | 2N2614 | 0 |
| 25454 | PG | 1072 | L06 | 20 V | 15 v | cv2 | 10NA | 85 C | 75 MWF | 180 N 2 P | 12 TP | 2 MA | ULA | OBS | AFI 106 |  | 0 |
| 25156 | PG | 1018 | LCl | 15 V | 15 V | 3 V | 50 Na | 85 C | 150 MWF | 150 M 7 P | 4018 | 10 ma | VLA | OBS | AF 100 |  | 0 |
| 25457 | PG | 1044 | 436 | 18 V | 12 V | OV5 | 10 MA | 750 | 55 MWF | 40M 4P | 801 P | 1MA | RIG | OBS | AF 124 | 2N990 | 0 |
| 25A58 | PG | 1044 | 136 | 18 V |  | 0vs | 10MA | 756 | 55 MWF | 35N 3p | 80TP | 1 MA | RLG | 085 | AF124 | 2N990 | 0 |
| 2SA59 | PG | 101 | L02 | 18 V |  | OV5 | 5 MA | 15 C | 55 MWF | $3{ }^{\text {N }}$ | $66 T P$ | 1 MA | RLG | ORS | AF 124 | 2 N 990 | 0 |
| 25460 | PG | 1044 | L36 | 18 V |  | OV5 | 5 MA | 75 C | 55 MWF | 25M 3P | 701 TP | 1 MA | RLG | OBS | AF124 | 2N990 | 0 |
| 25464 | PG | 101 | LC2 | 16 V | 12 V | 9 v | 40 Na | 85 C | 80 MWF | 6 M 12 P | $65 T P$ | 1 MA | RLG | FUJ | 0C44N | 2N2613 | 0 |
| 25465 | PG | 101 | 102 | 18 V |  | 12 V | 200 MA | 750 | 150 MWF | 3 M 13P | 707P | 1 MA | RLG | OBS | 0C44N | 2N2614 | 0 |
| 2SA66 | PG | T01 | 102 | 18 V |  | 12 V | 200NA | 75 C | 150 MmF | 4 N 13 P | 70TP | 1 MA | RLG | 085 | 0C44N | 2N2614 | - |
| 25467 | PG | 101 | 102 | 18 V |  | 12V | 200MA | 75 C | 15 CMWF | $6 \mathrm{M}^{\text {L }} 13 \mathrm{P}$ | 701 P | 1 MA | RLG | OBS | OC44N | 2N2614 | - |
| 25469 | PG | 107 | 107 | 20 V |  | 1 v | 10 MA | 75 C | 100 MFF | 40 M 6P | 150 TP | 1 MA | RLG | MAT | AF 124 | 2N990 | 0 |
| 2SA70 | PG | 107 | L07 | 20 V |  | 1 V | 1 CMA | 750 | 100 MWF | 40 M 5 FP | 150TP | 1 MA | RLG | MAT | AF124 | 2N990 | 0 |
| 2SA71 | PG | 107 | 107 | 20 V |  | IV | 10 MA | 750 | 100 MWF | SOM 5P | 1501P | IMA | RLG | MAT | AF124 | 2N990 | 0 |
| 25472 | PG | 1044 | 136 | 18 V |  | CV5 | 5 NA | $75 C$ | 55 MWF | 20n 3P | 501 P | 1 MA | RLG | OBS | AF 124 | 2N990 | - |
| 25873 | PG | 1044 | 136 | 18 V |  | OV5 | 5NA | 75 C | 55 MWF | 15M 3P | 501 P | 1 MA | RLG | OBS | AF 124 | 2N990 | 0 |
| 2SA74 | PG | 1044 | L36 | 50 V |  | OV5 | 5MA | 750 | 125 MWF | 30 M 3 P | 7019 | 5 MA | RLG | OBS | AF 124 | 2N2614 | 0 |
| 2SA75 | PG | 1044 | 136 | 20v |  | OV5 | 5 MA | $75 C$ | 125 MhF | 12N ${ }^{\text {N }}$ | 701 P | 1 MA | RLG | OBS | AF124 | 2N990 | 0 |
| 25476 | PG | 1044 | L36 | 18 V |  | 0v5 | 5 MA | 750 | 55 MhF | GON 3P | 701P | 1 MA | RLG | OBS | AF124 | 2N2614 | 0 |
| 2SA 17 | PG | 1044 | 136 | 18 V |  | OV 5 | 5 MA | 75C | 110 MmF | $50 \mathrm{M} \mathrm{3P}$ | 70 TP | 1 Ma | RLG | OBS | AF 124 | 2N990 | 0 |
| 2SA78 | PG | 1044 | L36 | 40 V |  | 2 V | 400 MA | 75 C | 125 MWF | 12M 4P | 701 P | 1 MA | RLG | OBS | AF 124 | 2N990 | 0 |
| 25479 | PG | 101 | L02 | 18 V | 12 V | 12 V | 200MA | 75 C | 55 MWF | 3 M | 701 P | 100 ma | RMS | OBS | ASY27 | 2N1305 | 0 |
| 25480 | PG | 1044 | 136 | 20 V |  | ovs | 10 MA | 85 J | 80 MWF | 25N | 8019 | 1 MA | RLG | OBS | AF124 | 2N990 | 0 |
| $2 \mathrm{SAB1}$ | PG | 1044 | L36 | 20 V |  | OV5 | 10 MA | 70C | 80 MWF | 20 M | 80 TP | 1 MA | RLG | OBS | AF124 | 2N9 90 | 0 |
| 25482 | PG | 1044 | 136 | 20 V |  | OV 5 | 10 MA | 70 C | 80 MWF | 20 M | 80 TP | 1 MA | RLG | OBS | AF 124 | 2N990 | 0 |
| 25483 | PG | 1044 | 136 | 25 V |  | CV5 | 10 mA | 70 C | 80 MmF | 15 M | gotp | 1 MA | RLG | OBS | AF 124 | 2N990 | 0 |
| 25484 | PG | 1044 | L 36 | 25 V |  | 0v5 | 10 Ma | 70 C | 80 MWF | 17 M | 801P | 1 MA | RLG | OBS | AF 124 | 2N990 | 0 |
| 25485 | PG | 1044 | 136 | 25 V |  | Iv | 10 MA | 70 C | 80 MWF | 27 N | 8019 | 1 MA | RLG | OBS | AF124 | 2N990 | 0 |
| 25486 | PG | 1044 | L36 | 45 V |  | IV | 50 MA | 700 | 225 MhF | 12M | 80tp | 1 MA | RLG | OBS | AF 124 | 2N990 | 0 |
| 2SA92 | PG | 1044 | 136 | 18 V |  | OV5 | 5 MA | 75 C | 55 MWF | $20 \mathrm{M} \mathrm{3P}$ | 70tp | 1 MA | RLG | OBS | AF 124 | 2N990 | 0 |
| 2SA93 | PG | 1044 | 136 | 18 V |  | OV5 | 5MA | 75C | 55 MmF | 20N 3 F | 50 TP | 1 MA | RLG | OBS | AF124 | 2N990 | 0 |
| 2 SA101 | PG | T01 | $L 02$ | 40 V |  | Iv | 10MA | 75 C | 60 MWF | 10 N 6P | 301 P | 1 MA | RLG | MAT | AF124 | 2N990 | 0 |
| 2SA102 | PG | 101 | LO2 | 40 V |  | Iv | 10 MA Á | 750 | 6 CMWF | 15M 6P | 401 P | 1 MA | RLG | MAT | AF124 | 2N990 | 0 |
| 2SA103 | PG | 101 | L02 | 40 V |  | 1 V | 10 Ma | 75 C | 60 MWF | 20M 6P | 501 P | 1 MA | RLG | MAT | AF 124 | 2N990 | 0 |
| 2 SA104 | PG | 101 | 102 | 40 V |  | Iv | 10 MA | 750 | 60 MWF | 25N 6P | 100Tp | IMA | RLG | MAT | AF 124 | 2N990 | 0 |
| 2SA105 | PG | 1044 | 136 | 6 V |  | iv | 10 MA | 85 C | 35 MmF | 30 N 4 P | 50 TP | 1 MA | RLG | FUJ | AF124 | 2N990 | 0 |
| 2 SAl 06 | PG | 1044 | L36 | 6 V |  | IV | 10 MA | 85 C | 35 MWF | 15N 6P | 50 TP | 1 MA | RLG | FUJ | AF 124 | 2N990 | 0 |
| 2SA107 2SA108 |  | T044 | L36 | 6 V V |  | IV | 1 CmA | 85 C | 35 MWF 80 MWF | 10M 6P | 40 TP | 1 MA | RLG | FUJ | AF 124 | 2N990 | 0 |


| TRANSISTOR NUMBER | $\left\|\begin{array}{c} \text { PM } \\ \text { OA } \\ \text { LT } \end{array}\right\|$ | $\begin{aligned} & \text { PACK- } \\ & \text { AGE } \end{aligned}$ | $\begin{array}{\|l\|l\|l\|l\|l\|l\|l\|l\|} \hline \text { LEAD } \\ \text { INO } \end{array}$ | $\begin{aligned} & \text { VCB } \\ & \text { MAX } \end{aligned}$ | $\begin{gathered} \text { VCE } \\ \text { MAX } \end{gathered}$ | $\begin{aligned} & \text { VEB } \\ & \text { MAX } \end{aligned}$ | ${ }_{\operatorname{MAX}}^{\mathbf{I}}$ | $\stackrel{\mathbf{T}}{\underset{\text { MAX }}{J}}$ | tOT | $\begin{aligned} & \mathbf{F}_{\mathbf{T}} \\ & \text { MIN } \end{aligned}$ |  | $H_{F E}$ | $\begin{gathered} \mathrm{H}_{\mathrm{FE}} \\ \text { BIAS } \end{gathered}$ | USE | MFR | EURO EQVT. | USA EOVT. | ISS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2SA109 | PG | 1044 | 136 | 20 V |  | 1 V | 10 MA | 85 C | 80 MWF | 15M | 3 P | 60Tp | 1 MA | RLG | FUJ | AF 124 | 2N990 | 0 |
| 2SAl10 | PG | T044 | L36 | 20 V |  | iv | 10 MA | 856 | 80 MWF | 15M | 3p | $607 p$ | 1 MA | RLG | FUJ | AF 124 | 2N990 | 0 |
| 2SA111 | PG | 1044 | 136 | 20 V |  | IV | 10 MA | 856 | 80 MWF | 10 M | 3 P | 40 TP | 1 MA | RLG | FUJ | AF 124 | 2N1990 | 0 |
| 2SA112 | PG | T044 | L36 | 20 V |  | 1 V | 10 MA | 856 | 80 MWF | 10 M | 3 P | 45 TP | 1 MA | RLG | FUJ | AF124 | 2N990 | 0 |
| 2SA113 | PG | 1044 | L36 | 34 V |  | 6 V | 10 MA | 85C | 50 MkF | 10N | 12 P | 45 TP | 1 MA | RLG | fuJ | OC44N | 2N2614 | 0 |
| 2 SA114 | PG | T044 | L36 | 34V |  | 6 V | 10 MA | 85 C | 50 MWF | 10 M | 12 P | $40 T \mathrm{P}$ | 1 MA | RLG | fus | OC44N | 2N990 | 0 |
| 2SA115 | PG | 1044 | L36 | 34 V |  | 1 V | 20 MA | 856 | 50 MHF | 15 M | 12P | 70TP | 1 MA | RLG | FUJ | AF 124 | 2N990 | 0 |
| 2SA116 | PG | 1044 | L36 | 30 V |  | IV | 20 MA | 85C | 50 MWF | 6 N | 3 P | 701 | 1 MA | RLG | FUJ | AF 124 | 2N990 | 0 |
| 254117 | PG | 1044 | L36 | 30 V |  | 1 V | 20 MA | 85 C | 50 MWF | 50 M | 3 P | 75 TP | 1 MA | RLG | FUJ | AF124 | 2N990 | 0 |
| 2SA118 | PG | 1044 | L36 | 30 V |  | 1 V | 2 MA | 85C | 50 MWF | 50 M | 3 P | 751 P | 1 MA | RLG | FUJ | AF 124 | 2N990 | 0 |
| ¿SAl21 | PG | $\times 01$ | 103 | 15 V |  | 1 V | 2 NA | 65 C | 15 MWF | 40 M | 2 P | 24 TP | 1 MA | RLG | CBS | AF 124 | 2N990 | 0 |
| ¿SA122 | PG | $\times 01$ | L03 | 15v |  | 2 V | 2MA | $65 C$ | 15 MWF | 40 N | 2 P | 24 TP | 1 MA | RLG | OBS | AF 124 | 2N990 | 0 |
| ¿SA123 | PG | $\times 01$ | L03 | 15 V |  | 2 V | 2MA | 656 | 15 Mk | 40 N | 2 P | 24 TP | 1 MA | RLG | OBS | AF124 | 2N990 | 0 |
| 2SA124 | PG | $\times 01$ | L03 | 15 V |  | 2 V | 2 MA | 65C | 15 MWF | 50 N | 2 P | 32 TP | 1 MA | RLG | OBS | AF124 | 2N990 | 0 |
| 2SA125 | PG | $\times 01$ | L03 | 15 V |  | 2 V | 2 MA | 65 C | 15 MWF | 50 M | 2 P | 50 P | 1 MA | RLG | OBS | AF 124 | 2N990 | 0 |
| ESA126 | PG | 1018 | 101 | 15 V | 15 V | 1 V | 50 MA | 85C | 150 MmF | 120N | 7 P | 40 TP | 10 MA | VLA | OBS | AF 106 |  | 0 |
| 2SA127 | PG | 1044 | L36 | 70 V |  | OV5 | 50 MA | 75 C | 150 NmF | 12 N | 20 P | 60TP | 1 MA | RLG | OBS | OC44N | 2N2614 | 0 |
| 2SA128 | PG | 1044 | L36 | 40 V |  | 2 V | 50CMA | 75 C | 170 MWF | 1 OM | 20P | 60 TP | 1 MA | RLG | OBS | ASY27 | 2N1305 | 0 |
| 2S4129 | PG | 1044 | L36 | 40 V |  | 2 V | 500 ma | 75 C | 17 OMWF | 10 M | 20P | 60 TP | 1 MA | RLG | OBS | ASY27 | 2N1305 | 0 |
| zSA136 | PG | TO1 | L02 | 6 V |  | 1 V | 1 CNA | 85 C | 80 MWF | 5M | 12P | 75 TP | 1 NA | RLG | FUJ | OC44N | 2N2614 | 0 |
| ¿SA | PG | 101 | LC | 6 V |  | 1 V | 10 MA | 85C | 8 CN | 2 N | 12 P | 50 TP | 1 MA | RLG | flu | OC.44N | 2N2614 | 0 |
| 2SA138 | PG | T01 | L02 | 20 V | 15 V | 10 V | 25 MA | 85 C | 80MWF | 6 M | 12P | 70tP | 10 MA | RLG | FUJ | OC44N | 2N 2614 | 0 |
| 2SA139 | PG | rol | L02 | 30 V |  | 10 V | 50 MA | 85C | 80 MWF | 3M | 12 P | 701 P | 50 MA | RLS | FUJ | OC44N | 2N2614 | 0 |
| 2SA141 | PG | 101 | L02 | 15 V | 15 V | 1V5 | 15 MA | 85C | 80MWF | 3 M | 158 | 70 TP | 1 MA | RLG | OBS | OC44N | 2N2614 | 0 |
| 2SA142 | PG | 101 | 102 | 15 V | 15 V | 1V5 | 15 NA | 85C | 80 MWF | 3 N | 15P | $701 p$ | 1 MA | RLG | OBS | OC44N | 2N2614 | 0 |
| 2SA142A | PG | 101 | L02 | 35 V | 35 V | 1 V 5 | 15 MA | 85 C | 80 MWF | 3 N | 14 P | 701 P | 1 MA | RLG | oes | OC44N | 2N2614 | 0 |
| 2 SA143 | PG | 101 | L02 | 15 V | 15 V | 1 V | 15 MA | 85 C | 80 MWF | 6 M | 15P | 70TP | 1 MA | RLG | OBS | OC.44N | 2N2614 | 0 |
| 2SA144 | PG | 101 | LC2 | 15 V |  | 12 V | IONA | 75 C | 83 MWF | 5 M | 13 P | 100TP | 1 MA | RLG | MAT | OC44N | 2N990 | 0 |
| 2SA145 | PG | 101 | L02 | 15 V |  | 12 V | 10 MA | $75 C$ | 83 MWF | 2 M | 14P | 50 TP | 1 MA | RLG | mat | OC.44N | 2N2614 | 0 |
| 2SA 153 | PG | T01 | 102 | 15 V |  | ov5 | 4 MA | 656 | 2 CMwF | 30 N | 2 P | $607 p$ | 1 MA | RLG | OBS | AF124 | 2N990 | 0 |
| 2SA154 | PG | 101 | LC2 | 15 V |  | OV5 | 4M | 65 C | 20 MWF | 20 M | 2 P | 20 | 1 mA | RLG | obs | AF 124 | 2N990 | 0 |
| 2SA155 | PG | 101 | L02 | 15 V |  | OV5 | 4 NA | 65 C | 20 MWF | 25M | 2P | 30 TP | 1 MA | RLG | OBS | AF 124 | 2N990 | 0 |
| 2SA15t | PG | 101 | 102 | 15 V |  | CV5 | 4 MA | 65 C | 20MWF | 25 M | 2 P | 50 TP | INA | RLG | N1P | AF 124 | 2N990 | 0 |
| 2SA157 | PG | 101 | 102 | 15V |  | OV5 | 4 MA | $65 C$ | 20 MWF | 30 N | 2 P | $501 P$ | 1 MA | RLG | OBS | AF 124 | 2N990 | 0 |
| zSA159 | PG | 101 | L02 | 15 V |  | OV5 | 4MA | 65 C | 2 CNWF | $25 \times$ | 2 P | 50 PP | 1 MA | RLG | OBS | AF 124 | 2N990 | 0 |
| 2SA160 | FG | 101 | LC2 | 15 V |  | OV5 | 4 MA | 65 C | 20 MWF | 25M | 2 P | gotp | 1 Ma | RLG | OBS | AF 124 | 2N990 | - |
| 2SA161 | PG | 1018 | LC1 | 20 V |  | OV5 | 15 MA | 65 C | 50 | 100M | 2 P | 13 TP | 2 MA | VLA | OBS | AF 106 |  | 0 |
| 2SA162 | PG | 1018 | 101 | 20 V |  | OV5 | 15 MA | 65C | 50 MWF | 125N | 2 P | 25 TP | 2 MA | VIA | 085 | AFI 06 |  | 0 |
| 2SA163 | PG | 1018 | L01 | 20 V |  | ovs | 15 MA | 65 C | 50 MWF | 150 N | 2P | 66TP | 2 MA | VLA | OBS | AF106 |  | 0 |
| 25A164 | PG | 1018 | LCl | 20 V |  | OV5 | 15 MA | 65C | 5 CMWF | 100M | 2 P | 13 TP | 2 MA | VLA | O8S | AF 106 |  | 0 |
| 2SA165 | PG | 1018 | LC1 | 20 V |  | OV5 | 15MA | 656 | 50 MWF | 125M | 2P | 66 TP | 2NA | VLA | OBS | F106 |  | 0 |
| 2SA166 | PG | 1018 | 101 | 20 V |  | ovs | 15 MA | 656 | 50 MWF | 150M | 2P | $66 T P$ | 2 MA | VLA | OBS | AF 106 |  | 0 |
| 2SA167 | PG | T05 | LO4 | 20 V | 18 V | 10v | 50 MA | 756 | 125 NmF | 4 N | 25P | 7019 | 1 MA | RLG | CBS | OC44N | 2N2614 | 0 |
| 254168 | PG | ors | OBS | 20 V |  | 10 V | 200NA | 75 C | 175MWF | 4 M | 15 P | 40 TP | 200 ma | RMG | OBS | ASY27 | 2N 1305 | 0 |
| 25A168A | PG | OBS | OBS | 20 V | 18 V | 1 CV | 50 MA | 750 | 175 MmF | 4 M | 15 P | 70tp | 1 Na | RMG | OBS | ASY27 | 2N1305 | 0 |
| 2S4169 | PG | 105 | 104 | 20 V |  | 10 V | 50NA | 75 C | 125 Mb | 6 N | 13 P | 701P | 10 Ma | RLG | CBS | 0c44N | 2N2614 | 0 |
| 2SA170 | PG | ObS | 085 | 20 V |  | 10 V | 50 MA | 750 | 175 MWF | $6^{\prime N}$ | 13 P | 70TP | 10 MA | RLG | 08 S | 0C44N | 2N2614 | 0 |
| 2SA171 | PG | 105 | L04 | 20 V |  | 10 V | 50 MA | 75 C | 125 NWF | 3 N | 15 P | 6019 | 1 MA | RLG | oes | OC44N | 2N2614 | 0 |
| 2 SA172 | PG | ces | OBS | 20 V |  | 10 V | 200 ma | $75 C$ | 175 MWF | 3 M | 15 P | 401 P | 2 COMA | RMG | OBS | A SY27 | 2N 1305 | - |
| 254173 | PG | 105 | LC4 | 20 V |  | 10 V | 50 ma | 75 C | 125MWF | 2M | 15 P | 601 P | 10 ma | RLG | 085 | ASY27 | 2N1305 | 0. |
| ESA174 | PG | oes | OBS | 2 CV |  | 10V | 50 Ma | 756 | 175 MmF | 2 N | 15 F | $601 P$ | 10 MA | R NG | OBS | ASY27 | 2N1305 | 0 |
| 2SAl75 | PG | 1044 | L 36 | 18 V |  | ovs | 5NA | 75 C | 55 MWF | 40 N | 3 P | 80TP | 1 MA | RLG | OBS | AF124 | 2N990 | 0 |
| 2SA183 | PG | T01 | L02 | 15 V |  | 15 v | 10 MA | 75 C | 50 NWF | 7 M | 15 P | 30 TP | IMA | RLG | OBS | OC44N | 2N2614 | 0 |
| 2SA188 | PG | 101 | 102 | 12 V |  | IV | 15 MA | 85C | 80 MmF | 4 M | 12P | 6519 | 1 MA | RLG | fuJ | OC44N | 2N2615 | 0 |
| 2SA189 | PG | TO1 | L02 | 12 V |  | 1 v | 15 MA | 85 C | 80 MWF | $2 M$ | 12P | 65 TP | INA | RLG | fuj | OC 44N | 2N2614 | 0 |
| 2SA2Cl | PG | 101 | L02 | 15 V |  | 5 V | 15 MA | 756 | 100 NmF | 3 N | 13 F | $501 p$ | 1 MA | RLG | SAN | OC44N | 2N2614 | 0 |
| 2 SA202 | PG | T01 | L02 | 15 V |  | 5 V | 15 NA | 75 C | 100 MWF | 5 N | 13 P | 55 Tp | 1 MA | RLG | SAN | OC44N | 2N2614 | 0 |
| 2SA203 | PG | 101 | LO2 | 15 V |  | 5 V | 15 MA | 75 C | 100 MWF | 2 M | 13 P | 307 P | 1 MA | RLG | SAN | OC44N | 2N2614 | 0 |
| 2SA204 | PG | 105 | L04 | 30 V | 10 V | 20 V | 200MA | 85C | 150 NWF | 2 M | 20P | 6519 | 1 MA | RMG | 03S | ASY27 | 2N1305 | 0 |
| 2SA205 | PG | 105 | L04 | 30 V | 15 V | 20 V | 200MA | 85C | 200M WF | 2 N | 20 P | 45 TP | IMA | R MG | OBS | ASY27 | 2N1305 | 0 |
| 254206 | PG | 105 | L04 | 30 V | 2 Cv | 20 V | 200ma | 85C | 200NWF | 3 M | 20P | GOTP | 1 MA | RMG | obs | ASY27 | 2N1 305 | - |
| 2SA207 | PG | 105 | 104 | 30 V | 15 V | 20 V | 200 mA | 85 C | 200 MWF | 5 M | 20P | 70TP | 1 MA | RMG | ObS | ASY27 | 2N1305 | 0 |
| 2SA208 | PG | 105 | 104 | 20 V |  | 12 V | 400 ma | $85 C$ | 120 MWF | 2 M | 30P | 407 P | 200 MA | RMS | HIJ | ASY27 | 2N1305 | 0 |
| 2SA208H | $P G$ | 105 | L04 | 20 V |  | 12 V | 400 MA | 85 C | 120 NWF | 2 M | 30P | 40TP | 200MA | RMS | HIJ | AS Y 27 | 2N1305 | 0 |
| 2SA209 | PG | 105 | 104 | 20 V |  | 12 V | 400 ma | 85 C | 120 NWF | 2 N | 30 P | 30 MN | 200 MA | RMS | HIJ | ASY27 | 2N1305 | 0 |
| $2 \mathrm{SAOC9H}$ | PG | 105 | LC4 | 20 V |  | 12 V | 400 ma | 85 C | 120 NWF | 2 M | 30P | ESTP | 200 MA | RMS | HIJ | A SY27 | 2N1305 | 0 |
| 2SA210 | PG | 105 | L04 | 20 V |  | 12 V | 400MA | 85 C | 120 MWF | 4M | 30 P | 45 MN | 200MA | RMS | HIJ | ASY27 | 2N1305 | 0 |
| 2SA210H | PG | 105 | 104 | 20 V |  | 12 V | 400mA | 85 C | 120 MmF | 4 N | 3 CP | 100 TP | 200MA | RMS | HIJ | ASY27 | 2N2614 | 0 |
| 2SA211 | PG | T05 | L04 | 18 V |  | 10 V | 100ma | 856 | 120 MWF | 2 N | 25 P | 30 MN | 100ma | RMG | OBS | ASY27 | 2N1 305 | 0 |
| 2SA212 | PG | 105 | 104 | 25 V |  | 15v | 200mA | 85 C | 120 mFF | 2 N | 30 P | 30 MN | ICONA | RMS | HIJ | ASY27 | 2N1305 | 0 |
| 2SA212H | PG | 105 | LC4 | $25 v$ |  | 15 V | 200NA | 85 C | 120 MWF | 2 M | 30 P | 60 TP | 100 Na | RMS | HIJ | Asy27 | 2N1305 | - |
| 2SA213 | PG | 101 | 102 | 15 V |  | OV5 | 2MA | $65 C$ | 15 MWF | 60 M | 2P | 251P | 1 MA | RLG | OBS | AF 124 | 2N990 | 0 |
| 2SA214 | PG | T01 | L02 | 15 V |  | cvs | 2 MA | $65 C$ | 15 MWF | 60 N | 2 P | 2519 | 1 MA | RLG | OBS | AF124 | 2N990 | 0 |
| 2SA215 | PG | TO1 | L02 | 15 V |  | ovs | 2MA | 65 C | 15 MWF | 50 N | 2 P | $40 T \mathrm{P}$ | IMA | RLG | OBS | AF124 | 2N2614 | 0 |
| 254216 | PG | 101 | L02 | 15 V |  | OV5 | 2MA | 65C | 15 MWF | 50 M | 2 P | 40 P | 1 MA | RLG | OBS | AF 124 | 2N2614 | 0 |
| 2SA217 | PG | 105 | L04 | 25 V |  | 12 V | 200NA | 85 C | 120 MWF | 6M | 308 | 30 MN | 130 MA | RMS | HIJ | ASY27 | 2N1305 | 0 |
| 2SA217H | PG | 105 | 104 | 25 V |  | 12 V | 200ma | $85 C$ | 120 MHF | $6^{\mathbf{N}}$ | 30 P | 601P | 100 ma | RMS | HIJ | ASY27 | 2N1305 | 0 |
| 2SA218 | PG | 1044 | 136 | 20 V |  | OV5 | 10 MA | $75 C$ | 50 MmF | 12 N | 4 P | 48 TP | 1 MA | RLG | ORS | AF 124 | 2N990 | 0 |
| 2SA219 | PG | 1044 | L36 | 20 V |  | 1 V | 10 MA | 75C | 50 MWF | 20N | 4 P | 50 TP | 1 MA | RLG | SAN | AF 124 | 2N990 | - |
| 2SA220 | PG | 1044 | L36 | 20 V |  | OV5 | 10NA | 75C | 50 MWF | 20M | 4 P | 40 TP | IMA | RLG | 085 | AF 124 | 2N990 | 0 |


| TRANSISTOR NUMBER | $\begin{gathered} \text { PM } \\ \mathbf{0 A} \\ \mathbf{I T} \end{gathered}$ | RACK- | $\begin{array}{\|l\|} \hline \text { LEAD } \\ \text { INFO } \end{array}$ | $\begin{aligned} & \text { VCB } \\ & \text { MAX } \end{aligned}$ | $\begin{aligned} & \text { VCE } \\ & \text { MAX } \end{aligned}$ | $\begin{aligned} & \text { VEB } \\ & \text { MAX } \end{aligned}$ | ${ }_{\text {MAX }}^{\mathbf{c}}$ | $\stackrel{\mathbf{T}}{\underset{\text { MAX }}{J}}$ | TOT | $\begin{aligned} & \mathbf{F}_{\mathbf{T}} \\ & \mathbf{M i N} \end{aligned}$ | OB <br> MAX | $\mathbf{H E}_{\mathbf{F E}}$ | $\begin{gathered} \mathrm{H}_{\mathrm{FE}} \\ \text { BIAS } \end{gathered}$ | USE | MFR | EURO EOVT. | USA EQVT. | ISS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| ESA221 | PG | 1044 | 136 | 20 V |  | 1 V | 10MA | 75C | 50 MWF | 25N | 4 P | 7579 | 1 MA | RLG | SAN | AF124 | 2N2614 | 0 |
| 2SA222 | PG | 1044 | L36 | 20 V |  | Iv | 10 MA |  | 50 MmF | 35N | 4 P | 1301 P | 1 MA | RLG | SAN | AF124 | 2N990 | 0 |
| 254223 | PG | T044 | 136 | 20 V |  | iv | 10 NA | 75C | 50 MhF | 30 N | 4 P | 130TP | 1 ma | RLG | SAN | AF 124 | 2N990 | 0 |
| 2SA224 | PG | 1044 | 136 | 20 V |  | OV5 | 10 ma | 750 | 50 MWF | 35 M | 2 P | 801 P | 1 MA | RLG | OBS | AF 124 | 2N990 | 0 |
| 25 A225 | PG | 1044 | 136 | 20 V |  | OV 5 | IOMA | 756 | 50 MWF | 40M | 4 P | 50 TP | 1 MA | RLG | OBS | AF 124 | 2N990 | 0 |
| 2SA226 | PG | T044 | 136 | 20 V |  | OV5 | 10 MA | 750 | 50 MWF | 45 M | 2 P | 1201P | 1 MA | RLG | OES | AF124 | 2N990 | 0 |
| 2SA227 | PG | 1044 | 136 | 20 V |  | OV5 | 10 MA | 75C | 50 MWF | 35 M | 4 P | 701 P | 1 MA | RLG | OBS | AF 124 | 2N990 | 0 |
| 254228 | PG | T072 | L06 | 80 V |  | cV5 | 10 mA | 75C | 100 MWF | 12 M | 30 P | 701P | 1 MA | RLH | 085 | AF118 |  | 0 |
| 254229 | PG | 1072 | L06 | 20 V |  | ov2 | 5 MA | 75C | 75 MWF | 300 M | 2 P | 10 TP | 2 MA | ULA | OBS | AF 239 |  | 0 |
| 2SA230 | PG | 1072 | 106 | 20 V |  | ov2 | 5 MA | 756 | 75 MWF | 300 M | 2 P | 10TP | 2 MA | ULA | OBS | AF 239 |  | 0 |
| 254233 | PG | 1044 | L 36 | 20 V |  | ovs | 10 Ma | 85C | 80 MhF | 40 M |  | 501 P | 1 MA | RLG | OBS | AF124 | 2N990 | 0 |
| 258234 | PG | 1044 | L36 | 20 V |  | IV | 10 MA | 75C | 80 MWF | 60M | 3 P | 70tp | 1 MA | RLG | HIJ | AF 124 | 2N990 | 0 |
| 2SA235 | PG | 1044 | L36 | 20 V |  | IV | 10 MA | 75C | 80MWF | 65 M | 3P | 901P | 1 MA | RLG | HIJ | AF 124 | 2N990 | 0 |
| iSA235 ${ }^{\text {S }}$ | PG | 1044 | L.36 | 20 V |  | 1 v | 10 MA | 750 | 80 MwF | 60 N | 3 P | 30 mN | 1 MA | RLG | HIJ | AF 124 | 2N990 | 0 |
| 2SA236 | PG | 1044 | 136 | 18 V |  | OV5 | 5 MA | 750 | 55 MWF | 15N | 3 P | 507 P | 1 ma | RLG | ORS | AF124 | 2N990 | 0 |
| 254237 | PG | 1044 | L36 | 18 V |  | OV5 | 5 MA | 75C | 55 MWF | 15M | 3 P | 50TP | 1 MA | RLG | OBS | AF124 | 2N990 | 0 |
| 2SA238 | PG | 105 | 104 | 25 V | 2 CV | OV5 | 30 MA |  | 200 MWF | 300 M | 4 P | 30 P | 5 MA | ULA | OBS | AF239S |  | 0 |
| 2SA239 | PG | 1072 | L06 | 20 V |  | ov2 | 5 MA | 85 C | 75 MWF | 140 M | 2 P | 10TP | 2 MA | VLA | OBS | AF 106 |  | 0 |
| 254240 | PG | 1072 | 106 | 20 V |  | ov2 | 5 MA | 85 C | 75 MmF | 140 N | 2 P | $201 P$ | 2 MA | VLA | OBS | AF 106 |  | 0 |
| 2SA241 | $P G$ | 101 | 102 | 20 V |  | 1 V | 10MA | 85C | 80 MWF | 30 N | 4 P | 70TP | IMA | RLG | MAT | AF124 | 2N9 90 | 0 |
| 2SA242 | PG | 107 | L07 |  | 20 V | OV4 | 5 MA | 75C | 50 MmF | 290M | 2 P | 100TP | 1 ma | ULA | OBS | AF 2395 |  | 0 |
| 2SA243 | PG | 1072 | 106 | 20 V | 20 V | OV5 | 5 MA | 85 C | 50 MWF | 300M | 2 P | 201P | 2 Ma | ULA | OBS | AF 239 S |  | 0 |
| 2SA244 | PG | 105 | L04 | 25 V | 20 V | OV5 | 30MA | 85C | 200 NFF | 230 M | 4 P | 30 TP | 5 MA | ULA | OES | AF239S |  | 0 |
| 2SA245 | PG | 105 | LC4 | 25 V | 20 V | Ov5 | 30 MA | 85C | 200 mFF | 280 N | 4P5 | 3019 | 5 MA | ULA | OBS | AF239S |  | 0 |
| $2 \mathrm{SA246}$ | PG | 1044 | L 36 | 30 V |  | Iv | 70 MA | 75C | 100 MWF | 70N | 4 P | 701P | 5 MA | RLG | HIJ | AF124 | 2N990 | 0 |
| 2SA247 | PG | 1044 | 136 | 10 V |  | OV5 | 30 MA | 85 C | 100 MWF | 90 M | 7 P | 125 TP | 20 MA | VLG | OBS | AF 106 |  | 0 |
| 2SA248 | PG | 1044 | 136 | 40 V |  | 2 V | 200 MA | $75 C$ | 125 MmF | 12 M | 5p | 5019 | 200 MA | RMS | OBS | AS Y 21 | 2N1305 | 0 |
| 2SA250 | PG | T01 | L02 | 20 V |  | OV5 | 10 NA |  | 180 MWF | 20N | 6 P | 100TP | 1 MA | RLG | OBS | AF124 | 2N990 | 0 |
| 2SA251 | PG | tola | 402 | 15 V | 6 V | 15 V | 50 MA | 75 C | 50 MWF | 20N | 4 P | $501 p$ | 15 MA | RLG | FUJ | AF124 | 2N990 | 0 |
| 2SA252 | PG | toia | 102 | 15 V | 6 V | 15 V | 50 MA | 75 C | 50 MWF | 35 M | 4 P | 15019 | 15 MA | RLG | FUJ | AF 124 | 2N990 | 0 |
| 251254 | PG | 101 | 102 | 12 V |  | OV5 | 10 MA | 85C | 55 | 4M | 12P | 801 T | 1 MA | RLG | FUJ | OC44N | 2N2614 | 0 |
| こSA255 | PG | 101 | L02 | 12 V |  | OV5 | 10 MA | 85 C | 55 NmF | 2 N | 12P | 501P | 1 MA | RLG | FUJ | OC 44N | 2N2614 | 0 |
| 254256 | PG | T0l | L02 | 20 V |  | OV5 | 10NA | 85C | 55MWF | $25 \sim$ | 3 P | 7510 | 1 MA | RLG | FUJ | AF124 | 2N990 | 0 |
| 2SA257 | PG | 101 | L02 | 20 V |  | ov5 | 10 MA | 95C | 55 MWF | 35M | 3P | 75 TP | 1 MA | RLG | fuJ | AF 124 | 2N990 | 0 |
| 2SA258 | PG | 101 | 102 | 20 V |  | OV5 | 10 MA | 85C | 55 MWF | 20 M | 3P | 45 TP | 1 MA | RLG | FUJ | AF 124 | 2N990 | 0 |
| 2SA259 | PG | 101 | 102 | 20 V |  | ovs | 10 MA | 85C | 55 MWF | 20 N | 3 P | 45 TP | 1 Ma | RLG | FUJ | AF 124 | 2N990 | 0 |
| 254260 | PG | 1072 | LC6 | 20 V |  | OV4 | 5 MA | 85C | 40 MWF | gon | 2P5 | 50TP | 2 MA | RLG | OBS | AF 124 | 2N990 | 0 |
| 2 SA261 | PG | 1072 | $L 06$ | 20 V |  | OV4 | 5 NA | 85C | 40 MWF | 190 M | 2 P | 10TP | 2MA | VLA | OBS | AF 106 |  | 0 |
| 254262 | PG | 1072 | 106 | 20 V |  | cV4 | 5NA | 85C | 40 MWF | 180 M | 2 P | $101 P$ | 2 MA | VLA | OBS | AF106 |  | 0 |
| 2SA263 | PG | 1072 | 106 | 20 V |  | OV4 | 5MA | 85 C | 40 MWF | 190M | 2 P | 10TP | 2 MA | VLA | OBS | AF106 |  | 0 |
| 254264 | PG | 1072 | 106 | 20 V |  | OV4 | 5MA | 85 C | 40 MWF | 250 N | 2 P | 10TP | 2 MA | ULA | ORS | AF239S |  | 0 |
| 254265 | PG | 1072 | 106 | 20 V |  | OV4 | 5MA | 85C | 4 CMWF | 250M | 2 P | 101P | 2 MA | ULA | OBS | AF 2395 |  | 0 |
| 254266 | PG | 101 | L02 | 20 V |  | OV5 | IONA | 85C | 80 MWF | 25M | 3 P | $751 p$ | 1 MA | RLG | FUJ | AF 124 | 2N990 | 0 |
| 254267 | PG | 101 | L02 | 20 V |  | OV5 | 10 NA | 85 C | 80 MHF | 20 M | 3 P | $601 p$ | 1 MA | RLG | FUS | AF124 | 2N990 | 0 |
| 2SA268 | PG | 101 | 102 | 20 V |  | 0V5 | 10 MA | 850 | 80 MWF | 18N | 3 P | 45 TP | 1 MA | RLG | FUJ | AF124 | 2N990 | 0 |
| 2S4269 | PG | TOL | L02 | 20 V |  | OVS | 10 MA | 85C | 80 MhF | $12 N$ | 4 P | 45 TP | 1 MA | RLG | Fus | AF124 | 2N990 | 0 |
| 2SA270 | PG | 101 | 402 | 9 V |  | OV 5 | 10NA | 85 C | 80 MWF | 20 M | 4 P | 751 P | 1 MA | RLG | FUJ | AF124 | 2N990 | 0 |
| 254271 | PG | 101 | 102 | 9 v |  | OV5 | 10 MA | 85 C | BOMWF | 12 M | 4 P | 60 TP | 1 MA | RLG | FUJ | AF 124 | 2N990 | 0 |
| 2S4272 | PG | 101 | 102 | 9 v |  | OV5 | 10 MA | 85C | 80 MkF | 8 N | 4 P | 45 TP | 1 MA | RLG | FUJ | AF124 | 2N990 | 0 |
| 254273 | PG | TO1 | 102 | 34 V |  | IV | 10NA | 85 C | 80 mFF | 18 N | 3 P | 45 TP | 1 MA | RLG | FUJ | AF124 | 2N990 | 0 |
| 254274 | PG | 101 | L02 | 34 V |  | Iv | 10MA | 85C | 80 MwF | 12 M | 3 P | $401 p$ | 1 MA | RLG | FuJ | AF124 | 2N990 | 0 |
| 254275 | PG | T01 | LC2 | 34 V |  | 1 V | 10 MA | 85C | 80 MWF | 20 M | 3 P | 601 P | IMA | RLG | FUJ | AF 124 | 2N990 | 0 |
| 2SA276 | $P G$ | 1072 | 106 | 15 V |  | 2 V | 20 MA | 756 | 75 MWF | 100 M | 6 P | 601 P | 10 MA | vLA | OBS | AF 106 |  | 0 |
| 2SA277 | $P G$ | 105 | 104 | 18 V |  | 12 V | 40 MA | 75C | 65 MmF | 2 N | 13 P | 50 TP | 24 MA | RNS | OBS | ASY27 | 2N1305 | 0 |
| 254278 | $P G$ | 105 | L04 | 19 V |  | 12 V | 40 NA | 75 C | 65 MWF | 4 M | 13 P | 1007p | 24 MA | RMS | OBS | ASY27 | 2N1305 | 0 |
| 254279 | PG | 107 | 107 | 30 V |  | OV5 | 30MA | 75 C | 120MWF | 35M | 4 P | 100 TP | 10 MA | RLG | MAT | AF 124 | 2N990 | 0 |
| 254280 | PG | T07 | 107 | 30 V |  | OV5 | 30NA | 75 C | 120 MmF | 35 N | 3 P | 125 TP | 2 MA | RLG | OBS | AF124 | 2N990 | 0 |
| 2SA281 | $P G$ | 107 | 107 | 50 V |  | OV5 | 30MA | 756 | 120 MWF | 35M |  | 12518 | 10 MA | RLG | OBS | AF124 | 2N990 | 0 |
| 254282 | PG | 105 | 104 | 18 V |  | 12 V | 200ma | 75 C | 150 MWF | 2 N | 13 P | 80 TP | 1 Coma | RMS | OBS | ASY27 | 2N1305 | 0 |
| 2 SA2 83 | PG | 105 | 104 | 18 V |  | 12 V | 200MA | 75 C | 150 MWF | 4 M | 13 P | $80 T p$ | 1 coma | RMS | OBS | A SYZ 7 | 2N1305 | - |
| 254284 | PG | 105 | 104 | 18 V |  | 12 V | 200ma | 75 C | 150 MWF | 6 M | 13P | borp | 100 ma | RMS | OBS | ASY27 | 2N1 305 | 0 |
| 2SA285 | PG | 1044 | 136 | 18 V |  | cus | 5MA | 75 C | 50 MmF | 18 N | 3 P | $70 T P$ | 1 MA | RLG | OBS | AF124 | 2N990 | 0 |
| 254286 | PG | 1044 | L36 | 18 V |  | OV5 | 5MA | 75 C | 50 MWF | 20 N | 3 P | $70 T P$ | 1 Ma | RLG | 085 | AFI 124 | 2N990 | 0 |
| 251287 | PG | 1044 | 136 | 18 V |  | OV5 | 5 MA | 750 | 50 MWF | 25M | 3 P | 70TP | 1 MA | RLG | OBS | AFI 124 | 2N990 | 0 |
| 2SA288 | PG | 107 | 107 | 20 V |  | OV5 | 10 NA | 85C | 80 MWF | 250 M | 2 P | 10 NN | 3 MA | ULA | 085 | AF239S |  | 0 |
| 251289 | $P G$ | 107 | 107 | 20 V |  | ovs | 10 MA | 85 C | 80 MWF | 250N | 2 P | 10 MN | 3MA | ULA | OBS | AF239S |  | 0 |
| -SA290 | PG | 107 | L07 | 20 V |  | OV5 | 10 MA | 85 C | 8 CMWF | 250 N | 2 P | 10 MN | 3MA | ULA | OBS | AF239S |  | 0 |
| T. SA291 | PG | roia | L02 | 20 V |  | OV5 | 50 MA | 75C | 50 MWF | 45 N | 2 P | 40 TP | 4 MA | RLG | FUJ | AF124 | 2N990 | 0 |
| 2SA292 | PG | rola | L02 | 15 V |  | OV5 | 50NA | 75 C | 50 MWF | 100 M | 2 P | 4019 | 4 MA | VLG | FUJ | AF 106 |  | 0 |
| 25A293 | PG | roia | L02 | 15 V |  | ovs | 50MA | 756 | 50 MWF | 150 M | 2P | 40 tP | 4MA | VLA | FUJ | AF 106 |  | - |
| 254294 | PG | toia | L02 | 15 V |  | 0v5 | 50 ma | 750 | 50 MHF | 200 N | 2P | 401 P | 4 MA | VLA | FUJ | AF106 |  | - |
| 2SA295 | PG | tola | LC2 | 15 V | 15v | 15 V | 50 ma | 75 C | 5 CNWF | 30 N |  | 5019 | 10 MA | RLG | fuJ | AF 124 | 2N990 | 0 |
| 254296 | PG | T01 | 102 | 15 V |  | 12 V | 15 MA | 85 C | 80 MWF | 2 M | 15P | 45 TP | 1 MA | RLG | OBS | OC 44N | 2N2614 | 0 |
| 254297 | PG | T01 | LC2 | 16 V |  | 12V | 15 MA | 85 C | 80 MWF | 4 M | 15P | 65 TP | 1 MA | RLG | OBS | OC44N | 2N2614 | 0 |
| 254298 | PG | 1044 | 136 | 40 V |  | ovs | 10 MA | 85 C | 80 MWF | 15M | 4 P | 55 PP | 1 MA | RLG | obs | AF 124 | 2N990 | 0 |
| 254304 | PG | 105 | L04 | 18 V |  | 12 V | 40 NA | 75 C | 65 MmF | 2 N | 13P | $701 p$ | 1 MA | RLG | OBS | A SY27 | 2N1305 | 0 |
| 2SA305 | PG | 105 | LC4 | 18 V |  | 12 V | 4 CNA | 75C | 65 MWF | 4 M | 13 P | 70TP | IMA | RLG | OBS | ASY27 | 2N1305 | 0 |
| 2SA306 | PG | 1044 | 136 | 40 V |  | OV5 | 10 MA | 85C | 80 MWF | 25M | 4P | 65 TP | 1 MA | RLG | OBS | AF 124 | 2N990 | 0 |
| 2SA307 2SA309 | PG | 1044 TO7 | 136 | 40 V 20 V |  | 0V5 | 10 MA | 850 750 | 80 MLF 83 MWFF | 35 M 280 M | $4 P$ $1 P 5$ | 701P | 1 MA | RLG | OBS | AF 124 | 2N9 90 | 0 |


| TRANSISTOR NUMBER | $\begin{aligned} & \text { PM } \\ & \mathbf{O A} \\ & \mathbf{L T} \end{aligned}$ | PACK- | $\begin{array}{\|l\|l\|} \hline \text { LEAD } \\ \text { INFO } \end{array}$ | $\begin{aligned} & \text { VCB } \\ & \text { MAX } \end{aligned}$ | $\begin{aligned} & \text { VCE } \\ & \text { MAX } \end{aligned}$ | $\begin{aligned} & \text { VEB } \\ & \text { MAX } \end{aligned}$ | $\underset{\text { MAX }}{\mathrm{C}}$ | $T$ Max | тот | $\begin{aligned} & \mathbf{F}_{\mathbf{T}} \\ & \text { MIN } \end{aligned}$ | OB <br> MAX | $H_{F E}$ | $\begin{gathered} \mathrm{H}_{\mathrm{FE}} \\ \text { BIAS } \end{gathered}$ | USE | MFR | $\begin{aligned} & \text { EURO } \\ & \text { EQVT. } \end{aligned}$ | USA EQVT. | ISS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2SA310 | PG | 107 | LC7 | 32 V |  | CV 3 | 25 NA | 756 | 106MWF | 300 M | 1 P 5 | 25019 | 1 NA | ULA | OBS | AF 2395 |  | 0 |
| 25A311 | PG | 105 | L04 | 40 V |  | 2 V | 406 MA | 156 | 150 MWF | 25 M | 5 P | 601 | 400 Na | RNG | OBS | ASY27 | 2N1305 | 0 |
| 2SA312 | PG | 105 | L04 | 4 CV |  | 2 V | 400 ma | 75C | 150 NmF | 25 M | 5 P | 60 TP | 200 Ma | RNG | CBS | ASY 27 | 2N1305 | 0 |
| 2SA313 | PG | 105 | L04 | 18 V |  | ovs | jMa | 75 C | 60 MWF | 18 N | 3 P | G01P | 1 MA | RLG | OBS | AF124 | 2N990 | 0 |
| 258314 | PG | 105 | $1 \mathrm{LCA}_{4}$ | 18 V |  | OV5 | SMA | 750 | 6 CNWF | 18 M | 3 p | 1001P | 1 MA | RLC | 085 | AF 124 | 2N990 | 0 |
| 2SA315 | PG | 105 | LO4 | 18 V |  | OV5 | 5NA | 75 C | 60 MmF | 25M | 3 P | 110 TP | 1 MA | RLG | CB S | AF 124 | 0 | 0 |
| 2SA316 | PG | 105 | 104 | 18 V |  | avs | SMA | 75 C | 60 NiF | 35 N | 3 P | 11019 | 1 MA | RLG | OBS | AF 124 | 2N990 | 0 |
| 2SA321 | PG | 1044 | L36 | 20 V |  | ovs | 10 MA | 750 | 50 NmF | 10 N | 4 P | 40 TP | 1 MA | RLG | SAN | AF124 | N990 | 0 |
| 254322 | PG | 1044 | L36 | 20 V |  | OV5 | 10 Na | 75 C | 50 MWF | 12M | 4 P | 401p | 1 MA | RLG | SAN | AF124 | 2N990 | 0 |
| 2SA323 | PG | TC44 | 136 | 20 V |  | CV5 | lona | 75C | 50 MWF | 15M | 4 P | 100TP | 1 MA | RLG | ORS | AF 124 | 2N990 |  |
| [SA 324 | PG | 1044 | 136 | 20 V |  | cvs | 10MA | 750 | M hF | 30 N | 5 F | 70 TP | 1 MA | G | CBS | AF124 | N990 | 0 |
| 2SA325 | PG | Tol | L02 | 15 V |  | 12 v | 100MA | 850 | 80 |  | 15 P | 601P | 80 MA | RMS | OBS | ASY27 | 2N1305 | 0 |
| 254326 | $P G$ | 101 | LC2 | 15 V |  | 12 V | 100 mA | 85C | 8 CMWF | 4 M | 15 P | 60TP | 90MA | RMS | 085 | ASY 27 | 2N1305 | 0 |
| 254327 | PG | 1044 | L36 | 15 V |  | OV5 | 100NA | 85 C | ${ }^{80 \mathrm{MWF}}$ | 15 M | 4 P | 30 TP | 8 CMA | RMS | CBS | AF 124 | 2N990 | 0 |
| 254338 | PG | rol | 102 | 20 V |  | OV5 | 5 Na | 75c | 50 MWF | 8M | 4P | 301 P | IMA | RLG | MA T | AF 124 | 2N990 | 0 |
| 2S433 | PG | 101 | 102 | 20 V |  | ovs | 5 MA | 75 C | 5 CNHF | 12N | 4 P | GOTP | 1 MA | RLG | Mat | AF124 | 0 | 0 |
| 254340 | PG | 1072 | L06 | 20 V |  | cVs | loma | 75C | 63 MWF | 30 N | 2 P | 100tp | IMA | RLG | MAI | AF124 | 990 | 0 |
| 254341 | PG | 1072 | LCE | 20 V |  | OV5 | iona | 750 | 63 MW | 30 M | 2 P | 100TP | 1 MA | RLG | mat | AF 124 | 2N990 | 0 |
| 254342 | PG | 1072 | 106 | 20 V |  | OV 5 | loma | 750 | 63 M | 45 M | 2 P | 10019 | 1 MA | RLG | MAT | AF 124 | 2N990 | 0 |
| 254343 | PG | 107 | L07 | 20 V |  | CV4 | 5 MA | 75C | 83 MhF | 70N | 2 P | 100TP | INA | VIA | MAT | AF 106 |  | 0 |
| 2503 | PG | 1044 | L | 30 V |  | ovs | 30 MA | 150 | 12 CMhF | 40 N | 5 F | 200 Tp | 1 CMA | RLG | Mat | AF124 | 2N990 | 0 |
| 258345 | PG | 1072 | 106 | 20 V | 20 V | Ovs | 10NA | 35C | 6 CMWF | 175 M | 2 P | 3019 | 3 MA | VLA | OBS | AF 106 |  | 0 |
| 2 SA34t | PG | 1072 | 106 | 20 V | 20 V | cus | 1 CNA | 85C | 60 M | 125 M | ${ }^{2 P}$ | 3019 | 3 Na | VLA | OBS | AF 106 |  | 0 |
| 2S4347 | PG | 1072 | L06 | 20 V | 20 V | OV5 | 10 M | 85 C | 60 MWF | 125M | 2 P | 3019 | 3 Ma | VLA | OPS | AF106 |  | 0 |
| 2SA348 | ${ }^{\circ} \mathrm{G}$ | 1072 | LCE | 20 V | 20 V | ovs | 10MA | 85C | 60 NWF | 100 N | 3 P | 10 TP | 3MA | VLA | OBS | AF 106 |  | 0 |
| 25034 | PG | rc72 | LC | 20 V | $20 v$ | ovs | ICNA | 85 C | CNHF | 50 N | 3 P | 10 P | 3 MA | VLA | ORS | AF 106 |  | 0 |
| 2SA350 | PG | 101 | 102 | 20 V |  | OV 5 | 10 MA | 75C | gomwf | 19 M | 4 P | 40 TP | 1 MA | RLG | HIJ | AF 124 | 0 | 0 |
| 2SA350r | PG | 101 | 102 | 30 V | 30 V |  | 10 Na | 750 | 80 MmF | 20 M |  | 1219 | 1 MA | RLG | HIJ | AF 124 | 0 | 0 |
| 2SA351 | PG | 101 | L02 | 20 V |  | Ovs | 10 MA | 756 | 80 NWF | 18 N | 4 P | 7019 | 1 MA | RLG | HIJ | AF124 | 0 | 0 |
| 2SA352 | PG | TCI | LC2 | 20 V |  | ovs | ICMA | 756 | 80 mbF | 18 N | 4P | 751P | 1MA | RLG | HJ | AF124 | 2N990 | 0 |
| 250353 | PG | T0 | LCz | 25 V |  | OV5 | 1 CN | 75 C | OMhF | 13 M | 4 P | 7orp | 1Na | RLG | HIJ | AF124 | 2N990 | 0 |
| 2SA353A | PG | 101 | LC2 | 50 V |  | IV | OMA | 750 | 80 MmF | 12 M | 4 P | 7010 | IMA | RLH | HIJ | AF 118 |  | O |
| eSA354 | PG | 101 | LO2 | 25 V |  | cv5 | 10 MA | 75 C | 8 CMmF | 12 N | 4 P | 7019 | 1 MA | RLG | HIJ | AF124 | 9 | 0 |
| 二SA354A | PG | T01 | L02 | 50 V |  | Iv | 10 NA | 75 C | 80 MWF | 12 M | 4 P | TP | ina | RLH | HIJ | AF118 |  | 0 |
| 2SA355 | PG | TCL | LC2 | 25 V |  | ovs | ICMA | 75 C | 8 CNWF | 12 M | 4 P | 901 P | ina | RLG | HIJ | AFI24 | 2N990 | 0 |
| -SA355A | PG | 101 | LC2 | 50 V |  | 1 V | 10 M | 750 | OM | 12 M | 4 P | gotp | ina | RLH | HIJ | AF118 |  | 0 |
| zSA356 | PG | 101 | L02 | 9 V |  | ovs | 10 M | 750 | 80 Mr | 1 NN | 4 P | botp | 1 MA | RLG | OBS | AF124 | 2N990 | 0 |
| zS | PG | 101 | LC2 | qv |  | 0v5 | 10 M | 750 | 80 NhF | 15 N | 4 P | 8019 | 1 MA | RLG | OBS | AF124 | 2N990 | 0 |
| 2SA358 | PG | ces | 08S | 75 V |  | 1 V | 50 MA | 85 C | 125 MWF | 18 N | 3 P | 9018 | 1 MA | RLH | OBS | AF118 |  | 0 |
| 258359 | PG | 105 | 104 | 20 V |  | OV5 | 2 CNA | 750 | 350 NWF | 100 M | 5P | $30 T \mathrm{P}$ | 5 MA | VLA | OBS | AF 106 |  | 0 |
| ¿S | PG | T04 | 136 | 20 | 20 V | cV | 10 M | 850 | 80 MhF | 50 N | 4 P | 7018 | 1 Ma | RLG | CBS | AF 124 | $2 \mathrm{N990}$ | 0 |
| 2 S | PG | 10 | L 3 | 20 V | 20 V | ovs | 10MA | 85 C | 80 NWF | 60N | 4 P | $70 \mathrm{OP}^{\text {P }}$ | 1 Ma | VLA | Oes | AF124 | 0 | 0 |
| 2SA362 | PG | T044 | L36 | 30 V | 25 V | OV5 | 30 m | 85 C |  | 60 N | 5 P | $701 p$ | 5NA | Rt G | OBS | AF124 | 1990 | 0 |
| 2¢4363 | $\mathrm{PG}_{\mathrm{G}}$ | 1044 | L36 | 30 V | 25 V | OV5 | 30 MA | $85 C$ | 100 mmF | 70 M | 6 P | gotp | 20 MA | RLG | OBS | AF124 | 2N990 | 0 |
| 250364 | PG | 1044 | 136 | 9 V | 9 v | CV5 | 1 CMA | 85 C | 80 MWF | 20 M | 9 p | gorp | IMA | RLE | OBS | AF 124 | 2N990 | 0 |
| ¿S4365 | $P G$ | 1044 | 136 | gv | 9 V | OV5 | 10 MA | 85 C | 80 NmF | 20 | gp | 01 | 1 NA | RLG | CBS | AF 124 | 990 | 0 |
| 2SA36t | PG | 1044 | L36 | 9 V | 9 V | OVs | 10 Ma | 85 C | 80 M | 30 N | 9 P | 601P | IMA | RLG | ORS | AF124 | 90 | 0 |
| 25136 | PG | 101 | L02 | 20 V | 20 V | OV5 | ICMA | 85 C | 80 MWF | 15M | 4 P | 701 | 1NA | RLG | OBS | AF 124 | 90 | 0 |
| 254368 | PG | 101 | L02 | 20 V | 20 V | OV5 | 10 mA | 85 C | 80 MWF | 204 | 4 P | $70 \%$ | IMA | RLG | OBS | AF 124 | 2N990 | 0 |
| 2S4369 | PG | 101 | 102 | 20 V | 20 V | Ov5 | ICNA | 85 C | 80 MmF | 20 M | 4 P | gotp | 1 MA | RLG | OBS | AF 124 | 2N990 | 0 |
| 2SA370 | PG | oes | ces | Ts |  | , | 50 Ma | 856 | CN | 20 N | 4 P | 1 | 1 ma | RLH | OES | AF118 |  | 0 |
| 2 SA3 71 | PG | T01 | L02 | 20 V | 15 V | 12 V | 15NA | 85C | 80 M | 4 N | 12 P | 701P | 10 MA | RLG | ÓBS | OC 44 N | 2N2614 | 0 |
| 2SA372 | PG | rcle | LC1 | 15 V | 15 V | 2 V | 200 Na | 750 | 100 MWF | 350 M | 5 P | ? OMN | icma | VMG | Oes | AF106 |  | 0 |
| 254373 | PG | 105 | 104 | 25 V | 12 V | OV5 | 150 MA | 850 | 250 MWF | 300 M | 5 P | 4010 | 1 Ma | ULA | HIJ | AF 2395 |  | 0 |
| 2SA374 | PG | 105 | 104 | 34 V |  | $0 \vee 5$ | 300ma | 75 C | 500 MhC | 150 N | 15 P | 100 TP | 150 mA | VNA | MA T | 8F×29 | 29054 | 0 |
| 2S0375 | PG | 101 | LC2 | 30 V | 30 V | 1V5 | 100 ma | 85 C | CMWF | 20M | 4 P | $40 T p$ | Scma | RLG | ops | AF 124 | 2N990 | 0 |
| 254377 | PG | 1072 | L06 | 20 V | 20 V | OV4 | 5NA | 75 C | 5 CMWF | 230 M | 195 | 10010 | 1 MA | ULA | MAT | AF 239 S |  | 0 |
| 2SA378 | PG | 1072 | LC6 | 20 V | 20 V | OV4 | 5NA | 756 | 50 MWF | 290 M | $1 P 5$ | 1001p | IMA | ULA | MAI | AF239S |  | 0 |
| 25A379 | PG | 1072 | 106 | 20 V | 20 V | 0V4 | sma | 75 C | 50 MWF | 350 M | 1P5 | 100TP | 1MA | ULA | MAT | AF239S |  | 0 |
| 2SA380 | PG | 101 | 102 | 25 V |  | OV5 | 10 mA | 850 | $8 \mathrm{CNMF}^{\text {mF }}$ | 25 N | 4 P | 70 TP | IMA | RLG | OBS | AF124 | 2N990 | 0 |
| 2SA381 | PG | 101 | LC2 | 25 V |  | ovs | 10.a | 850 | 80 mWF | 15M | 4P | 50tp | ina | RLG | Oes | AF 124 | 2N990 | 0 |
| 2SA382 | PG | 101 | L02 | 25 V |  | OV5 | 10 ma | 85 C | 80 NWF | 12 M | 4 P | 5519 | 1 MA | RLG | ORS | AF 124 | 2N990 | 0 |
| 2SA383 | PG | 101 | L02 | 25 V |  | cV5 | 10NA | 85C | 80 MkF | 10 N | 4 P | 4019 | 1 MA | RLG | OBS | AF124 | 2N990 | 0 |
| 2SA384 | PG | TO1 | L02 | 25V |  | 0V5 | 10 MA | 856 | 80 MWF | 18 N | 4 P | 60TP | 1 MA | RLG | OBS | AF124 | 2N990 | 0 |
| 25A385 | PG | 101 | LC2 | 16 V |  | 1 CV | 1 MmA | 75 C | 8 CNF |  | 12 F | 12018 | ima | RLG | nat | 0 C 44 N | 2N2614 | 0 |
| 251400 | PG | 101 | L02 | 20 V |  | CV5 | ICNA | 85 C | 80 MWF | 30 M | 4 P | $701 p$ | 1 MA | RLG | FUJ | AF 124 | 2N990 | 0 |
| 25 A401 | PG | 1044 | 136 | 30 V |  | ovs | 40 MA | 85 C | 125 MWF | 100 M | 4 P | 70 TP | 1MA | VLA | HIJ | AF 106 |  | 0 |
| 2SA403 | PG | 101 | L02 | 20 V | 15 V | OV2 | 10 MA | 85C | 75 NWF | 140 N | 3 P | 10 TP | IMA | VLA | OBS | AF 106 |  | 0 |
| 254404 | PG | 1072 | L06 | 20 V | 15 V | ov2 | 10NA | 85 C | 75 MWF | 200 N | 2 P | 12 TP | ima | VLA | Oes | AF106 |  | 0 |
| 2SA405 | PG | TC18 | LC1 | 15 V | 15 V | 2v5 | 50 MA | 85 C | 15 CMWF | 150 M | 7P | 40 TP | lona | VL | OPS | AF 106 |  | 0 |
| 2SA40t | PG | 105 | LC4 | 30 V | 15 V | 20 V | 200NA | 850 | 200 MmF | 4 M | 25P | 501 P | 10MA | RNS | CBS | A SY27 | 2N1305 | 0 |
| 254407 | PG | 105 | 104 | 30 V | 12 V | 20 V | 200MA | 850 | 200 MWF | 6 M | 25 P | 60TP | 10 MA | RMS | OBS | AS $\times 27$ | 2N1305 | 0 |
| 254408 | PG | 101A | L02 | 15 V | 6 V | 15 V | 50 MA | 750 | 50 NmF | 20 N | 5 P | 100 TP | 15 MA | RLG | FUJ | AFI24 | 2N990 | 0 |
| 254409 | PG | ro1A | LO2 | 15 V | 6 V | 15 V | sona | 750 | 5 CMWF | 35 N | 5 P | 100TP | 15 MA | RLG | FUJ | AF 124 | 2N990 | - |
| 2SA410 | PG | 1018 | LCl | 15 V | 15 V | 3V5 | 50NA | 85 C | 150 MWF | 120 M | 7 P | 40 PP | 10ms | 5 | ORS | AS221 |  | 0 |
| 2SA411 | PG | 1018 | LCI | 15 V | 15 V | 2 V 5 | 150 MA | 856 | 15 CMWF | 200 N | 3 p | 40 TP | 10 ma | VNS | CBS | AS 221 |  | 0 |
| 254412 | PG | 101 | L02 | 12 V |  | 0V5 | 50 ma | $85 C$ | 150 MWF | 30 N | 15P | 301 P | 30 ma | RLG | HIJ | AF124 | 2N 990 | 0 |
| 2SA413 | PG | T018 | LC1 | 20 V | 15 V | 2 V | 30 MA | 750 | 10 CNWF | 250 M | 5 P | $701 p$ | 30Ma | ULA | Nat | AF239S |  | 0 |
| $2 S A 414$ $2 S A 415$ | PG | 105 | LC4 | 30 V | 25 V | 20 V | 200 MA | 85 C | 150 MmF | 34 | 15 P | 30 TP | 100 ma | RMS | mat | ASY27 ASY2 | 2N1305 2N1305 | 0 |



| TRANSISTO NUMBER | $\left\|\begin{array}{c} \mathrm{PM} \\ \mathbf{O A} \\ \mathrm{LT} \end{array}\right\|$ | $\begin{array}{r} \text { PACK- } \\ \text { AGE } \end{array}$ | $\left.\begin{array}{\|c\|} \text { LEAD } \\ \text { INFO } \end{array} \right\rvert\,$ | $\begin{aligned} & \text { VCB } \\ & \text { MAX } \end{aligned}$ | $\begin{gathered} \text { VCE } \\ \text { MAX } \end{gathered}$ | VEB MAX | ${ }_{\operatorname{mAx}}^{1}$ | $\underset{\text { MAX }}{\mathbf{J}}$ | TOT |  |  | $H_{\text {FE }}$ | $\begin{gathered} \mathrm{H}_{\mathrm{FE}} \\ \text { BIAS } \end{gathered}$ | USE | MFR | $\begin{aligned} & \text { EURO } \\ & \text { EQVT. } \end{aligned}$ | USA EQVT. | ss |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2SA495 | PS | 1098 | L2 | 25 v | 20 | 5 | 10 | 125 |  | 100\% | 7 P | 401 | A | ALG | TOS | BC 214 | 2N4058 | 0 |
| 25A495/0 | PS | 1098 | L21 | 25 V | 20 V | 5 V | 100 | 125 C | 200 | 100M | 7 P | 70/140 | A | ALG | TOS | BC214 | 2N4058 |  |
| 2S495/R | PS | 1098 | L21 | 25 V | 20 V | 5 | 100 MA | 125C | 20 | 100 M | 7P | $40 / 80$ | MA | AL | TOS | BC2142 | 2N4058 | 0 |
| 25A495/Y | PS | 1098 | L21 | 25 v | OV | 5 v | 10 | 1250 | 200MWF | 100M | 78 | 120 mN | MA | AlG | 0 S | BC 214 L | 2N4058 | 0 |
| 2SA495G | PS | 1098 | L21 | 35 v | 30 V | 5 V | 100 ma | 1256 | 20 | 100M | 7 P | 40/400 | OMA | AL | 10 | BC 212 L | 2N4061 | 0 |
| 2SA495G/ | PS | T098 | L21 | 35 V | 30 V | 5 V | 10 | 125 | 20 | 100M | 7 P | 40/80 | 10 MA | A G | 10s | BC212L | 2N4061 | 0 |
| 2SA495G/0 | PS | 1092 | 421 | 35 V | 30 V | 5 V | 100 MA | 125 C | 200 M | 100M | $7 \mathrm{7P}$ | 70/140 | A | ALG | S | BC 2121 | 2N4061. | 0 |
| $2 \mathrm{SA495G/Y}$ | PS | 1098 | L21 | 35 V | 30 V | 5 V | 100 MA | 125 C | 200M ${ }^{\text {a }}$ S | 100 M | $7 \mathrm{7P}$ | 12 | 10 MA | AL | TOS | BC2122 | 2N4061 | 0 |
| 2SA495G/G | PS | 1098 | 121 | 35 v | 30 V | 5 V | 100MA | 1256 | 200MWF | 100 M | 7P | 200 M | 10 MA | AL | ros | BC2144 | 2N4058 | - |
| 2SA496 | PS | 10126 | L31 | V | 30 v | 5 V | 800 MA | 125C | 550 MHF | 50 N | 40 P | $40 / 240$ | A | AMG | ros | BD140 | 2N4920 | 0 |
| 25A496/0 | PS | 10126 | L31 | 40 V | 30 V | 5 V | 80 | 1250 | 55 | 50 M | 40 P | 401 | 50 MA | AMG | 105 | B 014 | 2N4920 | 0 |
| 2SA496/R | PS | 10126 | L31 | 40 V | 30 V | $5 V$ | 80 | 125 C | 550 | 50 M | 40P | 40/80 | 50 mA | AMG | ros | BD 140 | 2N4920 | 0 |
| 2SA496/Y | PS | 10126 | L31 | 40 V | 30 V | 5 V | 800 ma | $125 C$ | 550 | 50M | 40 P | 70/140 | 50 MA | AMG | T0S | BD140 | 20 | 0 |
| 258497 | PS | 1039 | 104 | 80 V | 80 V | 5 V | 80 | 1650 | 600 | 35M | 40P | 701P | 200 MA | AM | TOS | BFS 93 | 37 | 0 |
| 2SA498 | PS | 1039 | 104 | v | 50 y | 5 V | 800MA | 165C | 600 | $35 N$ | 40 P | 701 | 200MA | AMG | TOS | BFS93 | 2N4037 | 0 |
| 254499 | PS | 1018 | LC1 | 50 V | 40 V | 5 v | 100ma | 1750 | 25 | 100 M | 7 P | 30/200 | 10 MA | AL | 10 | 8C177 | 2N3965 | 0 |
| 2SA499/R | PS | 1018 | LC1 | 50 V | 40 V | 5 V | 10 | 1756 | 250 | 100 M | 7 P | 30/70 | 10 MA | AL | ros | BC 177 | N3965 | 0 |
| 2SA49910 | PS | 1018 | 101 | 50 V | 40 V | 5 V | 100 MA | 1750 | 250 MWF | 100 | 7 P | 60/120 | 10 MA | ALG | ros | BC177 | N3965 |  |
| 2SA499/r | PS | T018 | LOL | V | 40 V | 5 V | 100MA | 175 C | 25 | 100 M | 7 P | 100 mN | 10 MA | Alg | ros | BC177 | 2N3965 | 0 |
| 2SA500 | PS | 1018 | LCl | 30 V | 20 V | 5 V | 100 MA | 175 C | 25 CMHF | 100M | 7 P | 30/200 | 10 MA | ALG | 105 | BC177 | 2N3965 | 0 |
| 2SA500/R | PS | 1018 | LCl | 30 V | 20 V | $5 v$ | 100mA | 175c | 25 | 100M | 7 P | 30/70 | 10 MA | ALG | IOS | BC 177 | 2N3965 | 0 |
| 2SA500\% | PS | 1018 | L01 | 30 V | 20 V | 5 V | 100 MA | 1756 | 250 | 100M | 7 P | 60/120 | 10 MA | Al G | TOS | BC177 | 2N3965 | 0 |
| 25 | PS | 1018 | L01 | 30 V | OV | 5 V | 100 MA | 175 | 250 MwF | 100M | P | 100 MN | 10 MA | AL | 10 | BC 177 | 5 |  |
| 2 SA502 | PS | 1098 | 121 | 80 V | 70 V | 3 V | 50MA | 1250 | 30 | 50 M | 10 P | 601 | 20 MA | AL | 10 |  | 400 | 0 |
| 254503 | PS | 1039 | 104 | 60 V |  | 5 V | 600 MA | 175C | $\varepsilon 0$ | 50 M | 30P | 30/300 | 150 Ma | AM | 105 | BF | 2N4037 | 0 |
| ¿SA503/0 | PS | 1039 | 4 | 60 | 50 V | 5 V | 600 MA | 175 | 800 MWF | 50 N | 30 P | 30190 | 150 M | AMS | 10 | BFS93 | 7 | 0 |
| 2SA503/Y | PS | 1039 | 104 | 60 V | 50 V | 5 V | 600 MA | 1750 | 800 M | 50 N | 30 P | $50 / 150$ | 150 m | ams | ros | BFS93 | 37 | 0 |
| 2SA503/G | PS | 1039 | 104 | 60 V | 50 V | 5 V | 60 | 175c | 800 | 50 N | 30 P | 100 MN | 150 MA | AM | 105 | FS93 | 2N4037 | 0 |
| 254 | PS | 1039 | L04 | 40 V | 30 V | 5 V | 600 MA | 175 C | 80 | 50 M | 30P | 30/300 | 150 MA | AMC | IOS | BFS95 | 36 | 0 |
| 25450410 | PS | Tu39 | LC4 | 40 V | 30 V | 5 V | 600 MA | 175C |  | 50 M | 30 P | 30/90 | 150 MA | AM | TOS | BFS95 | 2N4036 | 0 |
| ESA | PS | 1039 | 04 | 40 V | v | $5 v$ |  | 1750 |  | 50 M | 30 P | 5011 | 150 MA |  | ro | BFS95 | 4036 |  |
| 2SA504/ | PS | 1039 | 104 | 40 V | 30 V | 5 V | 60 | 175C | 800 MWF | M | 30 P | 100 | 15 | AMG | 10 | BFS95 | 2N4036 | 0 |
| 2 SA505 | PS | 10126 | 131 | 60 V | 50 V | 5 V | 8001 | 125 C | 550 | 50 M | 40P | 40/240 | 5 CMA | AMG | ro | 80140 | 2N4920 | 0 |
| 2SA505/ | PS | 10126 | 131 | 60 V | 50 V | 5 V | 80 | $125 C$ | 550 MWF | 50 M | 40 P | 70/140 | 50 MA | AM | ros | BD 140 | - | 0 |
| 2SA505/R | PS | 10126 | 131 | 60 V | 50 v | 5 V | 800 mA | 125 C |  | 50M | 40P |  | 50 MA | AMC | 10 | BD140 | - | - |
| 2SA505/Y | PS | 1012 | 131 | 60 V | V | 5 V | 800 MA | $125 C$ | 55 CM | * | 40 F | 120 MN | MA |  | ros | BD140 | 2N4 |  |
| 2SA50t | PG | 1072 | L06 | 20 V | 18 V | ovz | 5 MA | 85 C | 75 MWF | 20N | 2 P | 20 TP | MA | VLA | 085 | AF 106 |  | 0 |
| 254507 | PG | 1072 | 106 | 20 V | 18 V | OV2 | 5 MA | 85 C | 5MWF | 120 M | 2P | 20TP | 1 Ma | VLA | OB | 106 |  |  |
| 2SA508 | PG | 1072 | 106 | 20 V | 18 V | OV2 | 5 MA | 85 C | 75 | 90 M | 2 P | 201 | IMA | VLA | OBS | 106 |  |  |
| 254509 | PS | 1098 | Lく1 | 35 V |  | $5 \vee$ | 500 MA | 150 C | - | 70 | 30 P | 70/400 | 50 Ma | A MG | TOS | BCW37 | 11591 | 0 |
| 2SA509/0 | PS | 1098 | , 2 | 35 V | Ov |  | 500 mA | 150 |  |  | 30 P | 70/140 | CMA | Amg | IOS | $\mathrm{BCH}_{37}$ | T1591 | 0 |
| 254509/Y | PS | 1098 | 121 | 35 V | 30 V | 5 V | 500 Ma | 150 C | 60 OMHF | 70 M | 30P | 120 M | 50 MA | AMG | IOS | BCW37 | S91 | 0 |
| 2SA509/6 | PS | 1098 | $L 21$ | 35 V | 30 V | 5 V | 500 M | 150 C | 600 MWF | 70 M | 309 | 200 | A | AMG | 0 | BCW37 | 591 | 0 |
| 2SAS10 | PS | 1039 | 104 | 120 V | 100 v | 5 V | 1500M | 1750 | 800 MWF | 20M | 508 | 30/150 | 0 | AMH | ros | BSV6 8 | 1 | 0 |
| 2SA510\% | PS | 1039 | 104 | 120 V | 100 V | 5 V | 1500 M | 1756 | 80 | 20M | 50 P | 50/150 | 200 Ma |  | tos |  |  | 0 |
| 2545101 | PS | 1039 |  | 120 V | 100V | 5 V | 1500 | 17 |  | 204 | 50 P | $30 / 90$ | 20 cma | AMF | 10S |  |  | 0 |
| 2SA511 | ps | 1039 | L04 | 100 | 80 V | 5 V | 1500 A | 17 | 80 | 20 M | 50P | 30/150 | 20 CMA |  | ros | BSV68 | 2N349 | 0 |
| 2SA511/0 | PS | T039 | 04 | 100 V | 80 v | 5 V | 150 | 1750 | 800 M | OM | 50 P | 50/150 | 200 MA |  | TOS |  |  | 0 |
| 2SA511/R | PS | T039 | L04 | 100V | 80 V | 5 V | 1500 M | 1750 | 800 MWF | N | 50 P | 30/90 | 200 MA | AM | ros |  |  | 0 |
| 2SA512 | Ps | 1039 | L04 | 80 V | 60 | 5 V | 500m | 1750 |  | 20N | 50 P | 30/150 | 200MA |  | tos | BFS9 | , | 0 |
| 25A51210 | Ps | 1039 |  |  |  | sv | 1500NA | 1750 |  | 20M | 50P | $50 / 150$ | 200ma | AMS | TOS | 593 | 2N4037 | 0 |
| $2 S^{4512 / R}$ | PS | 1039 | L04 | 80 V |  | 5 | 1500 mA | 1756 | 800 | 20 M | 50 P | $30 / 90$ | 200 MA | AMS | ros | 8FS93 | 03 | 0 |
| 2SA513 | PS | 1039 | 104 | 60 V | 40 V | 5 V | 1500 MA | 1755 | 800 | OM | 50 P | 30/150 | 200 MA | AMG | T0S | BFS95 | 2N403t | 0 |
| 2SA513/0 | PS | 1039 | L04 | 60 V | 40 V | 5 V | [500mA | 175C | 800 MWF | OM | 50 P | 50/150 | 200 MA | AMG | T0S | BFS95 | 2N4036 | 0 |
| 25 | PS | 103 | L04 | 60 V |  | 5 V | 1500M | 1750 | 80 | 20M | 50P | $30 / 90$ | 2 Coma | AMG | TOS | BFS95 | 2N4036 | 0 |
| 2SA51t | PS | ros | L04 | 80 V | 60 V | 5 V | 1500ma | 1750 | 800 | 20 M | 60 P | 60TP | 00MA | AMH | TOS |  |  | 0 |
| 2SA516A | PS | 105 | 104 | 120 V | 100 V | 5 V | 1500mA | 1756 | 800 | 20N | 60P | 01 | 200MA | AMH | TOS |  |  | 0 |
| 2SA517 | PG | 101 | L02 | 18 V |  | ovs | 10 mA | 856 |  | 40N | 3 P | 20 M | 1 MA | RLG | OBS | AF124 | 2N990 | 0 |
| 2545 | PG | 101 | L02 | 18 v |  | Ov5 | 10 MA | 85 C | 55 MWF | 40 M | 3 P | 20 MN | 1 MA | RLG | OBS | AF 124 | 2N990 | 0 |
| 2SA522 | PS | 1018 | LCl | 25 V | 20 V | 5 v | 100MA | 175 C | 50 | 100 M | 6 P | 50TP | 10 Ma | AL G | TOS | 8C177 | 396 | 0 |
| <SA | ps | 1018 | 101 | 50 V | 40 V | 5 V | 100MA | 175C | 250MWF | 100N | 6 P | 50 TP | 10MA | AlG | T0S | BC177 | N396 | 0 |
| -SA525 | PG | 1072 | LOt | 20 V | 18 V | ov2 | 5 Ma | 856 | 75 MWF | 100 M | 2P | 1001P | 1 MA | VLA | Oes | AF106 |  | 0 |
| 2SA527 | PS | 105 | L04 | 50 V | 40 V | 5 | 2 A | $175 C$ | 5 WC | 40M | 408 | $501 P$ | 200ma | AMG | sor | BFS95 | 2N4036 | 0 |
| 2SA528 | PS | 105 | $L 04$ | 50 V | 40 V | 5 V | 2 A | 175C | 5 WC | 40 M | 40 P | 70 TP | 2 COMA | AMG | Sor | BFS95 | 2N4036 | 0 |
| 2SA530H | PS | 1018 | LC1 | 50 V | 35 | $5 v$ | 100 MA | 1756 | M WF | 200 M | 8 P | 60TP | MA | RLG |  | BSW24 | 2907 | 0 |
| 254 | ps | 1039 | 104 | 50 V | 50 V | 4 V | 200MA | 1756 | 50 MmF | 45 N | 10 P | 80 TP | 50 MA | AMG | SAN | 8FS95 | N403t | 0 |
| 2 SA537 | PS | 105 | 104 | 60 V | 50 | 4 V | 700 MA | 200C | 750 MWF | 100 M |  | 801p | 50 MA | RMG | H1J | BF×29 | 2N2905A | 0 |
| 2SA537A | PS | 105 | L04 | gov | 80 | 4 V | 700 MA | 200C | 750 MWF | 100 M |  | 80 TP | 50 mA | RMG | HIJ | 8FX29 | 2N2905A | 0 |
| 2SA537H | PS | 1039 | 104 | 90 V | 80 V | 4 V | 700 mA | 200C | 750 MWF | 75M | 35P | 30 MN | 50 MA | RMG | HIJ | BF×29 | 2N2905A | 0 |
| 2SA537AH | PS | 1039 | 104 | 90 V | 80 V | 4 V | 700 MA | 2000 | 750 MWF | M | 35 | 30 Mm | 50 M | RMG | HIJ | BF $\times 29$ | 2N2905 | 0 |
| 2SA538 | PG | 101 | 102 | 25 V |  | 12 V | 50 MA | 750 | 12 CMwF |  | 20 P | 70 TP | 1 MA | RLG | TOS | 0C44N | 2N2614 | 0 |
| 2 SA539 | PS | 1092 | 121 | 60 V | 45 V | 5 V | 200 MA | 125 C | 250 MWF | 100 M |  | 40 MN | 10 MA | ALG | NIP | BC212L | 2N4061 | 0 |
| 254544 | PS | 1039 | L04 | 60 V | 45 V | 5 V | 200 MA | 1756 | 750MwF | 80 M | 7P | 40 mN | 10 mA | AMG | NIP | BFS95 | 2N4036 | 0 |
| 2SA545 | PS | 1092 | L21 | 70 V | 60 y | 5 V | 200MA | 1256 | 250 MWF | 100 M |  | 80 TP | 50 MA | AMG | NIP | BCW37 | 11591 | 0 |
| 2SA546 | PS | 1039 | 104 | 70 V | 60 V | 5 V | 14 | 175C | 750 MWF | 50 M | 75P | 25 MN | 1 A | AMG | MAT | S93 | 2N4037 | 0 |
| 251546 A | PS | 1039 | 104 | gov | 80 V | 5 V | 1 A | 1750 | 750 MHF | 50 M | 75P | 25 MN | 1 A | AMG | Mat | BFS93 | 2N4037 | 0 |
| 2SA550 | PS | 1018 | 101 | 25 V | $25 v$ | 5 V | 100 MA | 175C | 300MWF | 75M | 8 P | $2501 p$ | 2 MA | ALN | MAT | BC 179 | 2N3965 | 0 |
| こSA550A | PS | 1018 | L01 | 45 V | 45 v | 5 V | 100 mA | 175 C | 300MWF | 75M | 8 P | 2501P | 2 MA | ALH | MAT | 8C177 | 2N3965 | 0 |
| $2 S 4552$ $2 S A 560$ | PS | 1039 1039 | L04 | 60 V 80 V | 45 | 5 V | 200 ma 800 ma | 1756 | 750 | 160M | 7P | 40 MN | 10 MA | RMG | NIP | BSW24 | 29074 | 0 |


| TRANSISTOR NUMBER | $\begin{gathered} \mathbf{P M} \\ \mathbf{O A} \\ \mathbf{I T} \end{gathered}$ | PACK- AGE | $\begin{array}{\|l\|l\|} \hline \text { LEAD } \\ \text { INFO } \end{array}$ | $\begin{aligned} & \text { VCB } \\ & \text { MAX } \end{aligned}$ | VCE MAX | $\begin{aligned} & \text { VEB } \\ & \text { MAX } \end{aligned}$ | $1$ C MAX | $\begin{gathered} \mathbf{T} \mathbf{J} \\ \text { MAX } \end{gathered}$ | $\begin{aligned} & \mathbf{P} \\ & \text { TOT } \end{aligned}$ | $\begin{array}{ll} F_{i} & C_{0 B} \\ \text { MIN } & \text { MAX } \end{array}$ | $\mathbf{H}^{\mathbf{F E}}$ | $\begin{gathered} \mathrm{H}_{\text {FE }} \\ \text { BIAS } \end{gathered}$ | USE | MFR | $\begin{aligned} & \text { EURO } \\ & \text { EOVT. } \end{aligned}$ | USA EQVT. | ISS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2SA561 | PS | 1098 | 121 | 50 V | 50 V | 5 V | 150 MA | 1250 | 300MWF | 25P | 40/400 | 20MA | ALG | IOS | BC 212 L | 2N406 1 | 0 |
| 2SA561/R | PS | 1098 | 121 | 50 V | 50 V | 5 V | 150 MA | $125 C$ | 300M WF | 25 P | 40/80 | 20 MA | ALG | T0S | BC 2121 | 2N4061 | 0 |
| 25A561/0 | PS | 1098 | 121 | 50 V | sov | 5 V | 150 MA | 125 | 300 mbF | 25 P | 70/140 | 20 MA | ALG | tos | BC2121 | 2N4061 | 0 |
| 25A561/Y | PS | 1098 | 121 | 50 V | 50 V | 5 V | 150 MA | 125C | 300 MWF | 25 P | 120 MN | 20 MA | AL 6 | tos | BC212t | 2N4061 | 0 |
| 2SA561/G | PS | 1098 | L21 | 50 V | 50 V | 5 V | 150 MA | 125 C | 300 MWF | 25P | 200 mN | 20 MA | ALG | tos | BC2124 | 2N4061 | 0 |
| 2SA562 | PS | 1098 | 121 | 30 V | 30 V | 5 V | 400 ma | 1250 | 300 MWF | $25 P$ | $40 / 400$ | 100 MA | AMG | 10S | BCW 37 | 11591 | 0 |
| 2SA562/R | PS | 1098 | 121 | 30 V | 30 V | 5 V | 400 MA | $125 C$ | 300 MwF | 25P | 40/80 | 100 MA | AMG | Tos | BCW37 | 11591 | 0 |
| 2SA56210 | PS | 1098 | L21 | 30 V | 30 V | 5 V | 400 ma | 125C | 300 MmF | 25 P | 70/140 | 100 MA | AMG | IOS | BCW37 | 11591 | 0 |
| 2SA562/Y | PS | 1098 | L21 | 30 V | 30 V | 5 V | 400MA | $125 C$ | 300MWF | 25 P | 120 MN | 100 mA | AMG | IOS | BCW37 | 11591 | 0 |
| 2SA562/G | PS | 1098 | 121 | 30 V | 30 V | 5 V | 400 PA | 1256 | 300M WF | 25 P | 200 MN | 100 mA | AMG | tos | BCW37 | T1591 | 0 |
| 2SA564 | PS | 1092 | 121 | 25 V | 25 V | 5 V | OMA | 125 C | 250 MWF |  | 2501P | 2 MA | ALG | MAT | BC2121 | 2N4061 | 0 |
| 2SA564A | PS | 1092 | 1.21 | 45 V | 45 V | 5 V | 50 Ma | $125 C$ | 250 MWF |  | $2501 P$ | 2 MA | Alg | mat | BC212L | 2N4061 | 0 |
| 2 SA565 | PS | 101 | L02 | 50 V | 50 V | 4V | 500 MA | 175C | 350M |  | 40/200 | 10 mA | RMG | HIJ | BFX29 | 2N2905A | 0 |
| 2SA567 | PS | 101 | 102 | 30 V |  | 4 V | 100 ma | 175 C | 200MWF | 50 M 6P | 3001P | 1 MA | ALN | HIJ | BC179 | 2N3965 | 0 |
| 2SA568 | PS | 1092 | 140 | 35 V | 30 V | 4 V | 300MA | 1256 | 200 MWF | 60M 15P | 100 TP | 150 MA | AMG | MIT | BCW37 | T1591 | 0 |
| 2SA569 | PS | 1092 | 140 | 50 V | 45 V | 4 V | 300 Na | 125C | 200 MH | 60\% 15P | 1001P | 150 MA | AMG | MIT | BCW37 | IIS91 | 0 |
| 2SA570 | PS | 1092 | 140 | 65 V | 60 V | 4 V | 300MA | 125 C | 200 MWF | 60M 15 P | 1001P | 150 MA | AMG | MII | BCW37 | T1591 | 0 |
| 2SA571 | PS | 105 | L04 | 60 V | 45 V | 5 V | 1 A | 175C | 800 M | 200M 25P | 40 MN | 50 MA | RMG | NIP | BFX29 | 2N 2905A | 0 |
| 2SA578 | PS | 1018 | L01 | 50 V | 40 V | 5 V | 30 MA | 175C | 300m | $50 \mathrm{M} \mathrm{10P}$ | 3501 P | 1 MA | ALG | NIP | BC179 | 2N3965 | 0 |
| 2SA579 | PS | 1018 | L01 | 50 V | 40 V | 5 V | 30 ma |  | 300 M | 50N 10P | 3501 P | IMA | ALN | NIP | BC179 | 2N3965 | 0 |
| 254594 | PS | 10 | 104 | 60 | 45 | 5 V | 200~A | 5 C | 750 M | 100M 5P | 40/240 | 10 MA | RMS | TOS | BF $\times 29$ | 2N2905A | 0 |
| 2SA594/R | PS | 1039 | L04 | 60 V | 45 v | 5 V | 200 MA | 175 C | 750 MW | 100M 5P | $40 / 80$ | 10 MA | RMS | 105 | 8 BX 29 | 2N2905A | 0 |
| 2SA594/0 | PS | 1039 | 104 | 60 V | 45v | 5 V | 200ma | 175C | 750 MWF | 100M 5P | 70/140 | 10 MA | RMS | IOS | BF×29 | 2N2905A | 0 |
| 2SA594/Y | PS | 1039 | 104 | 60 V | 45v | 5 V | 200ma | 175C | 750 MWF | 100M 5P | 120 MN | 10 MA | RMS | T0S | BF×29 | 2N2905A | 0 |
| 2SA597 | PS | 1039 | L04 | 50 V | 40 V | 4 V | 1 A | 175C | 6 WC | 400K | $10 / 250$ | 150 mA | AM | tos | BFS95 | 2N4036 | 0 |
| 254603 | PS | 1018 | 101 | 60 V | 40 V | 8 V | 200~A | 175 C | 300 mmF | 150M 7P | 80 M | 10 MA | R MG | NIP | B SW24 | 2N2907A | 0 |
| 251604 | PS | 1018 | L01 | 120 V | 100 V | 5 V | 30 MA | 165 C | 300 MWF | 100 M 5 P | 40 MN | 1 MA | ALH | NIP | BSV68 | 2N3497 | 0 |
| 2 2SA605 | PS | 1018 | L01 | 180 V | 160 V | 6 V | 50 MA | $165 C$ | 300 MWF | 100M 5P | 50 MN | 1 MA | ALH | NIP | BSV6 8 | 2N3497 | 0 |
| 2 SA606 | PS | 105 | L04 | 100 V | 80 V | 5 V | 700MA | 175C | 9W |  | 30/100 | 200 MA | AMH | NIP |  |  | 0 |
| 254608 | Ps | 1092 | L21 | 30 V | 15v | 5 V | 100 ma | 125C | 100MWF | 40 M 18 P | 1001P | 1 MA | ALG | SA | BC212 | 2N406 | 0 |
| 2S4609 | PS | 1092 | L21 | 30 V | 15 V | 5 V | 100ma | 125 C | 100MwF | 40 M 18 P | 801 | 1 MA | ALG | SAN | BC 212 L | 2N406 1 | 0 |
| 2SA623 | PS | T0P66 | 132 | 35 V | 20V | 5 V | 1500 mA | 125 C | 7 nc | $35 M$ | $35 / 300$ | 500 MA | AHG | MIT | 80590 | 2N6126 | 0 |
| 2 2SA624 | PS | 10966 | L32 | 50 V | 40 V | 5 V | 1500 ma | 125 C | 7 W | 35 M | $35 / 300$ | 500 ma | AHG | MIT | 80590 | 2N6126 | 0 |
| 2SA628 | PS | 1092 | 140 | 30 V | 25 v | 4 V | 100MA | 125 C | 150 MhF | 50 N | 100TP | 1 MA | ALG | MIT | BC212L | 2N4061 | 0 |
| 25628 A | PS | 1092 | 140 | 60 V | 60 V | 4 V | 100 MA | 125C | 150 MWF | 50 M | l00tP | 1 MA | ALH | MIt | BC 212 L | 2 N | 0 |
| 254629 | PS | 1092 | 140 | 30 V | 25 V | 4 V | 100MA | 125C | 150 MWF | 50M | 20019 | 1 MA | ALN | MIT | BC 214 L | 2N4058 | 0 |
| 2SA637 | PS | 1018 | 101 | 150 V | 150 V | 5 V | 50 MA | 175C | 300 MWF | 40 N 10 P | 30 MN | 15 MA | ALH | MAI | BSV68 | 2N3497 | 0 |
| 2SA639 | PS | 1092 | L 14 | 180 V | 160 V | 5 V | 50 ma |  | 250 MWF | 50 M 7 P | 10019 | 15 MA | ALE | NIP |  |  | 0 |
| 254640 | PS | 1092 | L21 | 50 V | 45 V | 5 V | 30 Ma | 1250 | 25 CMHF | 50M 15 P | 100 MN | 500 UA | ALN | NIP | BC214L | 2N4058 | 0 |
| 254641 | PS | 1092 | L21 | 50 V | 45 V | 5 V | 30 MA | 125 C | 25 0MWF | 50M 15 P | 100MN | 5 COUA | ALN | NIP | BC 214 L | 2N4058 | 0 |
| 254642 | PS | 1092 | L21 | 30 V | 15 V | 5 V | 300MA | 1250 | 250 MWF | 75N 30P | 65 | 50 MA | AMG | NIP | BCW37 | 11591 | 0 |
| 254643 | PS | 1092 | 121 | 40 V | 20 V | 5 V | 500 MA | $125 C$ | 500 mmF | 50N 30P | 60 MN | 100 ma | AMG | NIP | BCW37 | TIS91 | 0 |
| 254645 | PS | T0P66 | L32 | 70 V | 60 v | 5 V | 800 MA | 1250 | 7 WC | 35 M | 35/300 | 300 mA | AMG | MIT | 80590 | 2N6126 | 0 |
| 251646 | PS | TOP66 | 132 | 90 V | 80 V | 5 V | 800 MA | 1250 | 7 WC | 35 M | 20/300 | 300 MA | AMG | MIT | 80590 | 2N6126 | 0 |
| 254647 | PS | T0P66 | 132 | 110 V | 100 V | 5 V | 800MA | $125 C$ | 7WC | 35M | 20/300 | 30 MmA | AMH | MIT | 8059 | 2N6126 | 0 |
| 254659 | PS | 1092 | L21 | 50 V | 50 V | 4 V | 200MA | 125 C | 300 MWF | 45 M | 801 P | 50 MA | AMG | SAN | BCH 37 | IIS91 | 0 |
| 258661 | Ps | $\times 19$ | L41 | 70 V | 50 V | 5 V | 200MA | 125 C | 600 MWF | 50N 20P | 100 TP | 50 MA | AMG | TOS | BCW 37 | 11591 | - |
| 254670 | PS | T0666 | L33 | 50 V |  | 4 V | 3 A | 150 C | 25 WC |  | $35 / 200$ | 1 A | AHG | HIJ |  | 2N6106 | 0 |
| 254671 | PS | TOP 66 | 132 | 50 V |  | 4 V | 3 A | 150 C | 25 WC |  | 35/200 | 1 A | AME | HIJ | 80590 $8 S 668$ | 2N6126 |  |
| 2SA675 | PS | 1092 | 114 | 80 V | 80 V | 5 V | 100mA | 1250 | 250 MWF | S0M 10P | 1201P | 20MA | ALH | NIP | BSV6 8 | 2N3497 | 0 |
| 2S4677 | PS | $\times 20$ | 142 | 25 V | 25 V | 5 V | 200MA | 125 C | 250 MWF | 70 M 10 P | 25019 | 1 Coma | AMG | SOY | BCW37 | TIS91 | 0 |
| $2 \mathrm{SA678}$ | PS | $\times 20$ | 142 | 50 V | 50 V | 5 V | 200MA | 125 C | 250 MWF | 70 M 10P | 25019 | 1 MA | AMH | SOY | BCW37 | TIS91 | 0 |
| 254699 | PS | TOP 66 | 132 | 40 V | 20 V | 5 V | 3 A | 150 C | 10 WC | 75 M | 301220 | 14 | AHG | MAT | B0590 | 2N6126 | 0 |
| 2SA699A | PS | 10P66 | 132 | 50 V | 40 V | 5 V | 3 A | 150 C | 10 WC | 75 M | $30 / 220$ | 14 | AHG | MAT | BD 590 | 2N6126 2N4058 | 0 |
| 25A701 | PS | 1092 | 121 | 30 v | 30 V | 5 V | 50 MA | 125 C | 100 MWF | 40M | 2001P | 1 MA | ALN | SAN | BC2142 | 2N4058 | 0 |
| 254702 | PS | 1092 | 121 | 50 V | 50 V | 5 V | 50NA | 125 C | 100 MWF | 40 M | 2001P | 1 MA | AlN | SAN | BC 214 L | 2N4058 | 0 |
| 258704 | PS | $\times 20$ | 142 | 25 V | 25 V | 5 V | 200MA | 125C | 250 MWF | $70 \mathrm{M} \mathrm{9P}$ | 2501 P | 1 MA | AlN | SOY | BC214L | 2N4058 | 0 |
| 2SA705 | PS | $\times 20$ | 142 | 50 V | 50 V | 5 V | 200MA | 1250 | 250 MWF | 70M 9P | 25019 | 1 MA | ALN | SOY | BC 214 L | 2N4058 | 0 |
| 2SA719 | PS | 1092 | Lǐ | 30 V | 25 V | 5 V | 500 MA | 1256 | 400 MWF | 100 N 10 P | 90 TP | 500 MA | AMG | MAI | BCW37 | T1591 | 0 |
| 2SA720 | PS | 1092 | L21 | 60 V | 50v | $5 v$ | 500 mA | 125C | 400 MWF | 100M 10P | $901 P$ | 500 MA | AMG | mat | BCW37 | T1591 | 0 |
| 2SB16A | PG | OBS | OBS | 20 V |  | 6 V | 600MA | 750 | 1800 MHC | 500K | 20/50 | 50 MA | AMG | FUJ | AC128 | 2N2706 | 0 |
| 2SE17A | PG | OBS | 085 | 40 V |  | 6 V | 600 ma | 756 | 1800 MWC | 500 K | 20/50 | 50 MA | AMG | FUJ | AC128 | 2N2706 | 0 |
| 2S818A | PG | OBS | OBS | 80 V |  | 6 V | 600MA | 756 | 1800 MWC | 500 K | $20 / 50$ | 50 MA | AMG | FUS | AC128 | 2N2706 | 0 |
| 25819 | PG | oes | OBS | 16 V |  | 6 V | 2500 MA | 756 | 5500 MWC | 500k | $20 / 250$ | 50 MA | AHG | FUJ | ASZ16 | 2N1536 | 0 |
| 25820 | PG | OBS | OBS | 32 V |  | 6 V | 2500 ma | 15c | 5500MWC | 500k | $20 / 250$ | 50 MA | AHG | FUJ | ASZ16 | 2N1536 | 0 |
| 25821 | PG | OBS | OBS | 60 V |  | 6 V | 2500 mA | $75 C$ | 5500 MHC | 500k | 20/250 | 50 MA | AHG | FUJ | AS216 | 2N1536 | - |
| 2SB22 | - | 101 | 102 | 25 V | 25v |  | 75 MA | $75 C$ | 170 MWF | 400 K | 951 P | 30 mA | ALG | SAN | AC125 | 2N406 | 0 |
| 25823 | PG | T01 | L02 | 15 V |  | 5 V | 10 ma | 756 | 40 MWF |  | 301 P | 1 MA | ALG | OBS | AC125 | 2N406 | 0 |
| 2SE24 | PG | 101 | 102 | 15 V |  | 5 V | 10MA | 15C | 40 MhF |  | 501 P | IMA | Al G | OBS | AC125 | 2N406 | 0 |
| 25825 | PG | 103 | L05 | 60 V |  | 12 V | 1500 ma | 75 C | 20 WC | 100K | 34/110 | 1 A | A | OBS | ASZ16 | 2N1536 | 0 |
| 2S日26 | PG | 103 | 105 | 25 V |  | 12 V | 1500ma | 756 | 20 WC | 100k | 34/110 | 1 A | AHG | OBS | AS216 | 2N1536 | 0 |
| 258264 | PG | 103 | 105 | $45 v$ |  | 12 V | 3 A | 750 | 2 CWC | 100k | 34/115 | 1 A | ${ }^{\text {AHG }}$ | OBS | ASZ 16 | 2N1536 | 0 |
| 25827 | PG | 103 | L05 | 15 V | 15 v | 10V | 500 MA | 75 C | 1 IWF | 100k | 18/46 | 200 MA | AMG | OBS | AS216 | 2N1536 | 0 |
| 25E28 | PG | 103 | 205 | 15 V | $15 v$ | 10 V | 500 MA | 750 | 1WF | 100k | 35/96 | 200 MA | AHG | OBS | ASZ16 | $2 N 1536$ $2 N 1536$ | 0 |
| 25829 | PG | 103 | 105 | 15 V | 15 v | 10 V | 500 MA | 75 C | 14 | 100k | 72/186 | 200 MA | AHG | OBS | ASZ16 | 2N1536 | 0 |
| 25830 | PG | 103 | 105 | 15 V | 15 v | 10 V | 500MA | 750 | 1WF | 100k | 687 P | 200 MA | AHG | OBS | AS216 | 2N1536 | 0 |
| 25831 | PG | 103 | 105 | 15 V | 15 v | 10 V | 500 MA | $75 C$ | 1 wF | 100k | 115 TP | 200 mA | AHG | OBS | ASZ 16 | 2N1536 | 0 |
| 25832 | PG | rol. | L02 | 20 V |  | 2 V | 50 MA | 85 C | 150 MWF | 300K | 401 P | 1 MA | ALG | FUJ | AC 125 | 2N406 | 0 |
| 25833 25834 | PG | 101 107 | L02 | 20 V |  | 2V5 | 50 MA | 85 C | 150 MWF | 400 K 300 K | 8801 P | 1 MA | ALG | fuJ | AC125 | 2N406 2N406 | 0 |


| TRANSISTOR NUMBER | PM <br> OA LT | PACK－ AGE | LEAD INFO | VCB MAX | VCE MAX | VEB <br> MAX | $\stackrel{\mathbf{I}}{\mathbf{C}}$ | T <br> $J$ MAX | TOT | $\begin{array}{ll} \text { F } & C_{0 B} \\ \text { MIN } & \text { MAX }^{2} \end{array}$ | $\mathbf{H E}_{\text {FE }}$ | ${ }_{\text {BIAS }}^{\mathrm{FE}}$ | USE | MFR | $\begin{aligned} & \text { EURO } \\ & \text { EQVT. } \end{aligned}$ | USA EQVT． | ISS |
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| 25831 | PG | TCl | 102 | 30 V | 20 V | 12 V | 5 C | 85 C | 150 MWF | 400k | 8CTP | INA | ALE | FUJ | AC125 |  |  |
| 25838 | $\mathrm{PG}_{\mathrm{G}}$ | 107 | LC7 | 30 V | 20 V | 12 V | 150 MA | 85 C | 250 MWF | 300K 70P | 85 TD | INA | ANG | FuJ | AC 128 | 2N406 2N2706 | 0 |
| 25839 | PG | 101 | 102 | 10 V |  | 10 V | 2NA | 35 C | 50 MmF | 400 K 70 P | 65 TP | 500 UA | ALA | FLJ | $A^{\text {a }} 107 \mathrm{~N}$ |  | 0 |
| 25340 | $P G$ | T01 | L02 | 40 V | 30 v | 12 V | 100 mA | 75 C | 80 NWF | 400 K 60 P | 100 TP | 100 Na | AMG | OBS | AC128 | 2N2706 | － |
| 25841 | PC | 103 | LC5 | 4 cv | 32 V | 12 V | 1200 ma | 85 C | 44 | 200k | 35／160 | 1 A | AHG | FUJ | ASZ16 | 2N1536 | 0 |
| 25842 | PG | 103 | LC5 | 60 V | 50 V | 12 V | 1200 Na | 85 C | 44 WC | 200 K | 25／160 | 14 | AHH |  |  |  |  |
| 25043 | $P G$ | 101 | L02 | 25 V |  | ov | 100 MA | 75 C | 100 NWF | 100 K | 701P | 50 Na | ALC | CeS | ASL125 | 2N1533 $2 N 406$ | 0 |
| 2S343A | $P G$ | 101 | LOE | 4 EV | 30 v | 12 V | 15 CMA | 85C | 150 NFF |  | 70TP | 50 Na | AMG | OBS | AC128 | 2N400 2N2706 | 0 |
| 25344 | PG | 101 | LO2 | 25 V |  | 12 V | jona | 75 C | 80 MmF |  | 11019 | 1 MA | alg | oes | AC125 | 2N406 | 0 |
| 25846 | PG | OBS | Oes | 25 V |  | 12 V | 5 CMA | 75 C | 8 CNwF | 400k | 150 TP | 1MA | Al $A$ | OBS | $\begin{aligned} & A C 1<5 \\ & A C 107 N \end{aligned}$ | 2N406 | 0 |
| 25347 | PG | 101 | LC 2 | 2 Ev |  | 12 V | 5 CNa | 75 C | 80 MmF | 40.0 S 50 P | 15019 | INA | ALG | CBS |  |  |  |
| 25848 | PG | 105 | 104 | 16 V |  |  | 100mA | 65 C | 140 NWF | IN 4 CP | 42TP | 20 MA | ALG | OBS | ACY17 | 2N406 | 0 |
| 25345 | PE | 105 | LC4 | 16 V |  |  | 10 cma | 65 C | 140 NmF | $1200 \times 40 \mathrm{P}$ | 8 ctp | 2 CMA | ALG | ORS | ACY 17 | 2N117t | 0 |
| 25950 | $\mathrm{P}_{\mathrm{G}}$ | T03 | L04 | 16 V |  |  | 100 mA | 65C | 140 mh | 500k 40P | 13178 | 20 MA | ALG | OBS | ACY17 | 2N1116 | 0 |
| 2SE51 | PG | T05 | LC4 | 30 V |  | 3 V | 200．a | 85 C | 200 MWF | 800 K 40 P | 43 FP | 2 CmA | AMG | oes | ACY17 | 2N1176 | 0 |
| －SB52 | PG | 105 | 104 | 30 V |  | 3 V | 200 ma | 85C | 200 | 200 | 8370 |  |  |  |  |  |  |
| 2S353 | $P G$ | 105 | LC4 | 3 CV |  | 15 V | 250 NA | 856 | 200 nnF | 200 K | 7319 | 20 MA | ${ }_{\text {a }}{ }_{\text {a }}$ | CBS | ACY17 $A C Y 17$ | $2 N 117 t$ $2 N 1176$ | 0 |
| 25854 | ${ }^{P} \mathrm{C}$ | 101 | LC2 | 30 V | 20 V | 12 V | 150 MA | 756 | 15 CNmF | 500k 700 | $80 / 300$ | 1 NA | AL G | Ios | AC12 | 2N106 |  |
| 2 2B55 | $\mathrm{P}_{\mathrm{G}}$ | T01 | LO2 | 30 V | 254 | 12 v | 150Na | $75 C$ | 150 MmF | 530 K 70 P | $801^{\circ}$ | 5 CmA | $A^{\prime N}$ | ros | AC128 | 2N2706 | 0 |
| zsebe | PG | 101 | L02 | 30 V | 25 | 12 V | 15cna | 75 C | 150 MWF | 50．Jk 70 O | 80tp | 50 MA | $\triangle N G$ | Tos | AC128 | 2N2706 | 0 |
| 二SB56A | PC | TCl | LC2 | 45 v | 45 v | 12 V | 15CMA | 750 | LSCNhF | 500x 70F | 801 P | 50MA | $\triangle N G$ | TOS | AC128 |  | 0 |
| 25357 | $P G$ | ces | LC2 | 30 V |  | 10 v | 150 Na | 75 C | 100 MWF | 400k | 65 TP | 1 MA | ALG | fu， | AC125 | 2N270t | 0 |
| 25855 | PG | 101 | LC2 | 30 V | 20 v | 10 V | locna | 85 C | 150 NWF | 4 cos | 70tp | 5 CNA | AMG | fuj | AC128 | 2N2700 | 0 |
| 2SO5C | PG | 101 | LC？ | 3 CV |  | 2V5 | 5 MmA | 356 | 150 MWF | 400 x | 65 TP | 1 Na | ALG | FUJ | AC 125 | 2N406 | 0 |
| 25760A | PG | 101 | 102 | 20 V | 20 V | 2 V | SONA | ${ }^{85} 5$ | 150 MhF | 4 cos | 70tP | 50 ma | $\triangle N G$ | FUJ | AC 128 | 2N2706 | 0 |
| 25801 | PG | IC1 | LO2 | 3 CV |  | 12 V | 5 CMA | 85 C | 15 CNHF | 400 K ． | 851p | INA | ALE | FLJ | C125 | N406 | 0 |
| 2 SB62 | PG | $\times 03$ | L05 | 60 V |  | 12 V | 1 A | 75 C | 5 nC | 100k | $30 / 124$ | SCCMA | AHC | OSS | AD162 | 2N2835 | 0 |
| 2S863 | PG | $\times 03$ | L05 | 60v |  | 12v | $1 \Delta$ | 750 | 5 WC | 100k | 30／124 | $5 \operatorname{COMA}$ | A -C | OBS | AD162 | 2N2835 | 0 |
| 2S884 | ${ }^{P} \mathrm{P}$ | TC3 | LC5 | 10 V |  | 1 v | 6 6 | 750 | 25 NC | 500k | 34／160 | 1 A | RHH | OES | AL 103 | 2N2147 | 0 |
| 2SB65 | $P \mathrm{C}$ | 101 | LC2 | 3 cv | 20 v | 12 V | 100 MA | 850 | 15 CNWF | 400 K 7 CP | 6519 | 1 Na | ALG， | FlJ | AC 125 | 2N406 | 0 |
| 25806 | PG | 101 | LC2 | 3 CV |  | 12 V | 1 CMA | 75 C | 15CNWF | touk 600 | 7018 | INA | ALG | HIJ | AC125 | 6 | 0 |
| 258664 | PG | 101 | LCa | 30 V | 30 v | 12 V | 70 MA | 75 C | 150 MmF | 30JK 500 | 7019 | ina | ALG | HiJ | AC 125 | 1405 | 0 |
| －5B67 | ${ }^{\text {PG }}$ | 101 | LCê | sev |  | 12 V | 150NA | 750 | 350 MhF | 400k $7 \mathrm{co}^{\circ}$ | 45 TP | 1 Na | ALH | HIJ | oc710 | 2N1176 | 0 |
| 2SBE7A | $P G$ | 101 | L02 | onv |  | 30 V | 150 mA | 756 | 350 MaF | 40.0 K 70 P | 4570 | $1{ }^{\sim} \mathrm{A}$ | ALH | hiJ | 0C71＾ | 2N1176R | 0 |
| 2SB67AH | $P G$ | 107 | LC7 | 6 CV | 30 v | 60 v | 30 MA | 75C | 200 NmF |  | 50 MN | 1Na | ALH | hIJ | CC77N | 2N11768 | c |
| 2SE67 | PG | IC1 | c 7 | 55 v | 30 v | 55 V | 3CNA | 75 C | 200 MWF |  | 50 mN | ins | دLH | HIJ | טく719 | B | 0 |
| 25968 | PG | TOS | C3 | 105 v |  | 5 CV | 100 MA | 85 C | 50 NFF | 200k | $60 T \mathrm{P}$ | 5 Na | ALH | HIJ | 0c77a | 2NI | 0 |
| 25869 | PE | 103 | LO5 | 60 V |  | 1 v | 68 | 750 | 25 mC | 1 N | $34 / 1 \in 0$ | 14 | RHG | CBS | AUY29／5 | 2N116 | 0 |
| 25373 | $P \mathrm{PG}$ | TO1 | LC2 | 10 V |  | 10 V | 2NA | 75 C | 50 NmF | 800k | 80tp | 5 COva | ALN | oes | AC107N |  | 0 |
| 2se75 | $P_{G}$ | IC1 | LC2 | 25 v | 25 v | 12 V | 10 CmA | 85 C | 15 CNWF | 800k | 5519 | $1 \sim \Delta$ | ALC | HIJ | AC125 | 2N400 | 0 |
| CSB7EA | $\mathrm{P}_{\mathrm{U}}$ | 101 | LCe | 4 sv | $45 v$ | 12 V | 10CNA | 85 C | 150 MWF | 3 COK | $551 P$ | 1 NA | ALH | HIJ | OC774 | 2N11768 | 0 |
| 2SE754H | $P G$ | Tal | L02 | 45 v | 45 V | 12 V | 100ma | 856 | 150 M NF | 500k | 5519 | 1 Na | al + | HIJ | 0c77a | 2N11768 | 0 |
| 2S9154 | $\mathrm{P}_{\mathrm{G}}$ | TCL | 1.62 | 3 CV |  | 12 v | l 00 MA | 85 C | 150 NmF | 500k 750 | $5 \leq 19$ | 1 Na | $\Delta L G$ | HiJ | AC125 | 2N406 | c |
| 25376 | PC | TO1 | LC2 | 12 V |  | 2 V 5 | loona | 85 C | 15 CMnF | 1 N | $70 \%$ | INA | ALS | OBS | AC125 | 2V406 | 0 |
| 2SE77 | PG | T01 | LC2 | 25 v | $25 v$ | 12 V | locna | ${ }^{95} 5$ | 150 MWF | 800k | porp | lNA | ALC | HIJ | AC125 | 2 N 406 | 0 |
| 2SB774 | $\mathrm{PG}_{\mathrm{G}}$ | 101 | LCa | $45 v$ | 45 v | 12 V | 100～A | 850 | 150 MmF | 8C．jK | 70tp | 1 Na | ALH | riJ | cci7n | ¢ 8 | 0 |
| 25377AH | PG | rot | L02 | 45 V | 30 V | 12 V | 100 ma | $85 C$ | 150 MNF | 600k | 7010 | 1 Na | ALH | －IJ | OC71＾ | 2N1176 | 0 |
| 2SE77r | PG | TC1 | LC2 | 3 CV | 30 v | 12 V | 10 cma | $85 C$ | 15 CNmF | 600k | 70 т | $1 \sim \Delta$ | ALC | ＋IJ | AC125 | 2N400 | 0 |
| 25378 | $\mathrm{PG}_{\mathrm{G}}$ | 101 | L02 | 12 V |  | $2 \vee 5$ | 70 Na | 60C | 15 CMmF |  | 10019 | $1^{\text {MA }}$ | ALG | 035 | AC125 | 2N406 | 0 |
| 25880 | PG | $\times 03$ | LC5 | $25 v$ |  | 10 V | 1 A | 606 | 4 NC |  | 70tp | 3 cona | AHG | OBS | A0102 | 2N283） | 0 |
| 2S3s 1 | PG | $\times 03$ | LC5 | 3 CV | tov | $5 v$ | 500 ma | 706 | 2nc |  | 7018 | 100 ma | AHG | c3s | A0102 | 2N2435 | 0 |
| 25982 | PG | $\times 03$ | 1.5 | 100 V | sov | 12 V | 500 ${ }^{\text {a }}$ | 700 | 2 nc |  | $701 p$ | 10 cma | AHG | oes | AL152 | 2N2835 | 0 |
| 25883 | PG | 103 | LC5 | 4 CV | 32 V | 10 V | 3A | 80 C | 12 WC |  | 701p | 14 | AHC | ORS | ASLIE | 2N1536 | 0 |
| 25884 | PG | toz | L05 | 60 V | 40 v | 10 V | 34 | 30C | 12 hC |  | $701 p$ | 14 | AHG | OBS | AS216 | 2N1536 | 0 |
| 2SB89 | PG | 107 | L07 | 25 V | 25 v | 12 V | 150NA | 856 | 250 MmF | 4 COK | 55 TP | iNA | ANG | HIJ | AC 128 | 2N2706 | 0 |
| 2S985A | PG | 101 | L03 | 45 V |  | 12 V | 300 ma | 850 | 25 cmhF | 500k | $65 T P$ | 15cNA | ang | ＋IJ | AC128 | 2N270t | 0 |
| ？SP394H | PG | 1， 7 | L07 | 45 V | 45 V | 12 V | 150NA | 850 | 250 MhF | 600k | EOTP | ina | ALH | HIJ | OC 71N | 2N1176B | 0 |
| 2SRESH | PG | 107 | LC3 | 30 V | 30 V | 12 V | 150 Na | 85 C | 250 MwF | 6cuk | torp | 1Na | $\triangle M G$ | HIJ | AC 128 | 2N2706 | 0 |
| 2S日 94 | PG | tol | L02 | 25 V |  | 12 V | 50 ma | 750 | 150 NFF | 400 K | 150 Tp | IMA | ALG | OBS | AC 125 | 2 N 406 | 0 |
| 2S897 | $P G$ | 101 | LCe | 18 V |  | 12 V | 5 MA | 756 | 4 CMMF |  | 70 TP | ina | $\triangle L G$ | CRS | AC125 | 2N406 | 0 |
| 2Se98 | PG | 105 | LC4 | 3 CV |  | 1 cv | 5 CmA | 75 C | 125 NmF | GOCK 50p | 120 TP | 1NA | ALG | ues | ACY17 | 2N1176 | 0 |
| 25899 | $P \mathrm{PG}$ | 105 | 104 | 30 V |  |  | 50 Na | 75 C | 125 MmF | S00k 5CP | 120 TP | INA | Alc | OBS | AC 125 | 2N406 | 0 |
| 2S8100 | PG | 105 | LC4 | 30 V |  | 1 CV | 5 CNA | 75 C | 100 MwF | 5 CJK | goto | 1 ma | AlG | CBS | ACY17 | 2N1170 | 0 |
| 2S8101 | PG | 105 | L04 | 30 V |  | 10 V | 5 CMA | 750 | 125 NWF |  | G0TP | iNA | Al G | OBS | ACY17 | 2N1176 | 0 |
| 2SB102 | ${ }^{\circ} \mathrm{G}$ | oes | oes | 3 cv |  | 10 V | SOMA | 750 | 180 NmF | 500k | torp | IMA | $\Delta N G$ | CBS | AC 128 | 2N2706 | 0 |
| 2SP1C3 | $\mathrm{P}_{\mathrm{S}}$ | ICS | LC4 | 30 V |  | 10 V | locna | 75C | 125 NWF | 5cok | 7 ctp | ¢CMA | AMG | oes | ACY17 | 2N1176 | 0 |
| 258104 | PG | OBS | ObS | 30 V |  | 10 V | 100MA | 756 | 180 NFF | 50，K | 70 TP | 50 Na | $A^{\prime} \mathrm{G}$ | OBS | AC 128 | 2N2706 | 0 |
| 2S8107 | $\mathrm{P}_{\mathrm{G}}$ | 108 | Liz | 30 V |  | 15 v | 2 A | 75 C | 1 ChC | 200k | 20／120 | 300 mA | AHG | 085 | ADI 36 | 2N11848 | 0 |
| 2591074 | ${ }^{P} \mathrm{P}$ | 103 | L05 | 3 CV |  | 15 V | 2 A | 756 | 20wC | 150K | 20／120 | 14 | AHG | OBS | AS 216 | 2N1536 | 0 |
| 2selce | $P G$ | oes | ORS | 40 V |  | Iov | 500MA | 750 | 50 CMhF | 150k | 70 TP | 2 CCMA | AMG | OBS | AClo 2 | 2N2835 | 0 |
| 2 Sel10 | PG | 101 | LCe | $25 v$ |  | 10 V | 5 cma | 750 | 100 MWF | 400k 30p | 30 P | ins | ALG | OBS | AC 125 | $2 \wedge 400$ |  |
| 2S9111 | PG | 101 | L02 | 25 V |  | 10 V | 50 MA | 750 | 100 NWF | 400 K 30 P | 45 TP | 1 MA | ALG | OBS | AC125 | 2N406 | 0 |
| 258112 | $P G$ | 101 | LC？ | 25 V |  | 10 v | 50 ma | 750 | 100 MhF | $400 \times 30 \mathrm{P}$ | $607 p$ | ina | ALS | CBS | AC125 | 2v406 | 0 |
| 2S9113 | $P \mathrm{PG}$ | T01 | LO2 | 25 V |  | lov | 50 Ma | 75 C | 100 MwF | 400k 30 P | 8019 | 1 MA | ALG | OHS | AC125 | $2 N 406$ | 0 |
| 258115 | PG | T01 | LC2 | 25 V |  | 10 V | bOMA | 75 C | 10 CMWF | 500k 30P | 85 TP | 2 cma | AL G | obs | AC125 | 2 N 406 | 0 |
| 2S811t | PG | 101 | LCe | 25 V |  | 10 V | 5 CNA | 75c | 100 MhF | 500k 3CP | 11019 | 20 ma | ALG | CBS | AC125 | 2 N 4 Cb | 0 |
| 2SE117 | $P \mathrm{PG}$ | 101 | 102 | 25 V |  | 10v | 50 MA | 750 | 100 MWF | 500k 30P | 1401 P | 20NA | AL G | OBS | AC125 | 2N400 | 0 |
| 2SF12C | $P \mathrm{PG}$ | 101 | 102 | 32 V |  | 2 V | 20 MA | 85C | 15 CNHF | 200k | $70 T P$ | 2MA | ALG | FUJ | AC125 | 2N400 | 0 |
| 258121 | PG | T01 | LC2 | 105 V | 60 V | 50 V | 100 NA | 85c | 5 CMWF | 200k 16P | 60t9 | 5 MA | ALH | fuJ | OC 77N | 2N1176B | 0 |
| 2SE122 | PG $\mid$ | 103 | LC5 | 80 V |  | 40 V | ［500na | 75 C | 20WC | 100k | 34／110 | $1 A$ | Ahe | OBS | ASZ15 | 2N1533 | 0 |


| TRANSISTOR NUMBER | $\begin{gathered} \text { PM } \\ \text { OA } \\ \text { LT } \end{gathered}$ | PACK－ AGE | $\begin{aligned} & \text { LEAD } \\ & \text { INFO } \end{aligned}$ | $\begin{aligned} & \text { VCB } \\ & \text { MAX } \end{aligned}$ | VCE <br> MAX | VEB MAX | I C MAX | $\stackrel{\mathbf{T}}{\mathrm{J}}$ | TOT | $\begin{array}{ll} F_{T} & C_{0 B} \\ \text { MIN } & \text { MAX } \end{array}$ | $H_{F E}$ | $\mathrm{H}_{\mathrm{FE}}$ BIAS | USE | MFR | $\begin{aligned} & \text { EURO } \\ & \text { EQVT. } \end{aligned}$ | $\begin{aligned} & \text { USA } \\ & \text { EQVT. } \end{aligned}$ | ISS |
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| ¿SH123 | PC | 103 | 105 | 80 V |  | 40 V | 1500～A | 750 | 20 hc | 100k | 6019 | 1 A | AHG | ORS | AS215 | 2N1533 | 0 |
| 2SE124 | PG | OBS | aes | 60 V |  | 25 V | 15A | 750 | 41 | 180K |  | 5 A | AHH | OPS |  |  |  |
| 258125 | PG | ces | 08S | 36 V |  | 25 V | 15 A | 75 C | 41 | 180K | 75 MN | 5 A | AHC | ObS |  | 2 N | O |
| 二SB126 | PG | 103 | 105 | 32 V | 16 V | 10 V | 3500～A | 85 C | 4 CWC |  | 5／50 | 3 A | AAG | Mat | AS216 | $2 N 1536$ | 0 |
| 2SA127 | PG | 103 | 105 | 32 V | 16. | 10 V | 3500MA | 856 | 40 WC |  | 26／100 | 3 A | AH | mat | ask | 2 N 536 | 0 |
| 259128 | PG | 103 | 105 | 80 V | 40 V | 40 V | 6 A | 90. | 40 nc | 100k | 16／76 | 6 A | AHG | MAT | ASL16 | 2N1536 | 0 |
| 2S51288 | PG | 103 | LC5 | 120 V | 60 V | 60 V | $6 \Delta$ | 90 C | 40 WC | 100k | 16／36 | 6 A | AHH | MAT | AS215 | 2N1533 | 0 |
| 258129 | PG | T03 | L05 | 80 V | 40 V | 40 V | 6 A | 90C | 4 CWC | 100k | 30／80 | $6{ }^{6}$ | AHG | MAT | AS216 | 2N1536 | 0 |
| 2SB130 | PG | $\times 03$ | 105 | 32 V | 16 V | 10 V | 1500MA | 75 C | 6 hC | 700K | 20 MN | 500 Na | $\triangle H G$ | mat | AS216 | 2N1536 | 0 |
| 2SB131 | $P \mathrm{C}$ | 103 | L05 | 40 V | 32 v | 12 V | 1500 Na | 85C | 65 hc | 200k | $35 / 160$ | 1A | AHG | FIJ | As216 |  |  |
| 1 A | PG | 103 | L05 | 40 V | 32 v | 12 V | 8A | 85 C | 65 hC | 200k | 40／160 | 14 | AHG | fuJ | ASZ16 | 2N1536 | 0 |
| 2SE132 | PG | T03 | L05 | 60 V | 50 V | 12 V | 1500 NA | 85 C | 65 WC | 200k | $35 / 160$ | $1 \Delta$ | AHH | FUJ | AS215 | 2N1533 | 0 |
| 2SE132A | PG | 103 | L05 | 60 V | 50 V | 12 V | 8 A | 85 C | 65 WC | 200k | 40／160 | 1 A | AH | FuJ | ASZ15 | 2N | 0 |
| 2S8134 | PG | 101 | LC2 | 30 V | 30 V | 15 V | 100MA | $85 C$ | 10 CMFF | 300K | $70 T P$ | A | AL | It | ${ }^{\text {ACl }}$ ACl ${ }^{\text {a }}$ |  | 0 |
| 253135 | PG | TO1 | L02 | 30 V | V | 15 v | 100NA | 85 C | 100 MWF | 30 | 70 PP | MA | ALG | 1 l | ACl 25 | 2 N 4 | 0 |
| 258135A | PG | 101 | 102 | 110 V | 110 V | 12 V | 50 MA | 85 C | 100 MWF | 400 K | 50 TP | 1 CMA | ALH | OBS | BSV68 | 2N3497 | 0 |
| 2SB136 | PG | 101 | L02 | 25 V | 2.5 V | 12 V | 150 mA | $85 C$ | 150 MmF | 300 K | 20 | 50 MA | ANG | MIT | AC 128 | 2N2706 | 0 |
| 2SPP136A | PG | 101 | L02 | 60 V | 40 V | 12 V | 300ma | 85 C | 150 MWF | 300 K | 120 TP | MA | $\triangle M H$ | MIt | OC77A | 2N1176B | 0 |
| 2SE137 | PG | 103 | L05 | 30 V | 25 V | 15 V | 5 A | 85 C | 30 nc |  | 30 | $1{ }^{\text {a }}$ | AHG | OPS | As | 2N15 | 0 |
| 2SH138 | PG | tc3 | LC5 | 60 V | 35 v | 30 V | 5 A | 85 C | 3 chc |  | 30／250 | 1 A | AHG | OB | ASZ | 2N15 |  |
| 二S日138A | PG | 103 | L05 | 40 V | 40 V | 30 V | 5A | 85 C | 30 WC |  | $30 / 250$ | 14 | AHC | OES | 16 | 36 | 0 |
| 2SE1388 | PG | 103 | LC5 | 80 V | 60 V | 30 V | 5 A | 85C | 3 CWC |  | $30 / 250$ | 1 A | AhH | S | AS 115 | 33 | 0 |
| 2 SB140 | PG | T03 | LO5 | 40 V | 40 V | 12 V | 1500 MA | 85 C | 35 WC | 1005 | t2 | 1 A | $\mathrm{AHS}_{3}$ | oes | ASL16 | 2N1536 | 0 |
| 2SE141 | PG | 103 | L05 | 6 CV | 60 V | 12 V | 1500 MA | 85 C | 35 WC | 100 K | 62／89 | 1 A | AHH | OBS | ASL15 | 2N1533 | 0 |
| 2SB142 | $\mathrm{P}_{\mathrm{G}}$ | 103 | L05 | 30 V | 304 | 12 V | 1 A | 85 C | 1500 mmF | 10．JK | 12／31 | $1 \Delta$ | ar | OBS | ASLI | 2N153 | 0 |
| 2SP143 | PG | 103 | L05 | 30 V | 302 | 12 V | 10 | 85 C | 1500 MwF | 100 K | $23 / 59$ | 14 | AHE | ORS | AS 216 | 36 | 0 |
| 2S8144 | PG | 103 | LC5 | 30 V | 30 V | 12 V | 14 | $85 C$ | 1500 MmF | 100k | 45／119 | 1 A | AHG | ORS | ASL16 | 53 | 0 |
| 2 SB145 | OG | 103 | 105 | 30 V | 30 V | 12 V | 1 A | 85 C | 1500 MmF | 100k | 375 | 14 | A | OBS | AS216 | 2N1536 | 0 |
| 2S8146 | PG | 103 | LC5 | 30 V | 30 V | 12 V | 1 A | 85 C | 1500 MWF | 100K | 7579 | $1 A$ | AH | 08 | AS216 | 2 N 1 | 0 |
| 2S日147 | PG | 103 | L05 | 60 V | 60 V | 12 V | 1500MA | 85 C | 1800 MWF | 100k | $28 / 119$ | 200MA | AHH | 0 SS | ASL15 | 2N153 | 0 |
| 2S8148 | PG | OBS | 085 | 80 V |  | 25 V | 15A | 750 | 40 nc | 120k | 70tp | 154 | AHG | Oes | ASZ12 | 2N1100 | 0 |
| 258149 | PG | 103 | LOS | 4 CV |  | 30 V | \＆$A$ | 75 C | 25 WC | 100k | 60MN | 5 A | AHG | ORS | ASL16 | 2N1536 | 0 |
| 2S8150 | PG | 101 | LO2 | 105 V | 50 v | 40 V | 40 NA | 75 C | 50 MwF | 200k 20P | 35 TP | 2 CMA | ALH | 0 SS | OC77N | 2N1176 | 0 |
| 2SE151 | PG | 103 | LC5 | 80 V | 60 V | 60 V | 5 A | 85 C | 5 CWC | 200 K | $30 / 75$ | 24 | a | FUJ | AS215 | 2N1533 | 0 |
| 2S8152 | PG | 103 | L05 | loov | 80 V | 60 V | 54 | 85 C | 50W | 200k | $30 / 75$ | 34 | AH | FUJ | AS215 | 2N1533 | 0 |
| 2SB155 | PG | 101 | L02 | 16 V |  | 2 V 5 | 300 Na | $85 C$ | 150 MwF |  | 301 | 1 NA | AMG | HIJ | AC128 | 2N2706 | 0 |
| 259156 | PG | toi | L02 | 16 V |  | 2 V 5 | 300 MA | 85 C | 150 MWF |  | 45 | 1 MA | AMG | HIJ | AC128 | 2N2706 | 0 |
| 2S8156A | PG | 101 | LO2 | 20 V | 62 |  | 300 MA | 85 C | 150MWF |  | 45 TP | 1 MA | ANG | HIJ | AC 128 | 2 N | 0 |
| zS8157 | PG | oes | OBS | $7 v$ |  | $7 v$ | 5 NA | 65 C | 60 mwF | 200k | 35 TP | 250 UA | ALN | OBS | AC107N |  | 0 |
| 2S8158 | PG | OBS | OBS | 7 V |  | 7 | 5 MA | 650 | 60 MWF | 300k | 55 TP | 250 UA | AL | 08S | AC107 |  | 0 |
| 258159 | PG | CES | OBS | $7 v$ |  | $7 v$ | 5 MA | 65 C | 0 M | 400k | 801P | 250 UA | ALN | OBS | AC107N |  | 0 |
| 258160 | ${ }^{\text {PG }}$ | OBS | OBS | 7 v |  | $7 v$ | 5MA | 65C | 60 M | 300k | 75 TP | 8750LA | ALN | OHS | AC107N |  | 0 |
| 258161 | PG | 105 | LC4 | 30 V |  | lov | 100MA | 756 | 125 Mm | 300k 50P | $50 T P$ | 50 ma | ANG | OBS | ACY17 | 2N1176 | 0 |
| 2S8162 | PG | oes | OBS | 30 V |  | 10V | 100 MA | 75 C | 180 MmF | 300 K | 501 P | 50 MA | $\triangle \mathrm{NG}$ | OBS | AC128 | 2N2706 | 0 |
| 2S8163 | PG | $t 05$ | 104 | 30 V |  | lov | 100 mA | 75 C | 125 MmF | 300k 508 | $70 T P$ | 50 ma | AMG | OBS | ACY17 | 2N1176 | 0 |
| 258164 | PG | oes | ObS | 30 V |  | 10 V | 100 mA | 75C | 180M | 300K 5cP | $70 T p$ | 5 CmA | $A N G$ | OBS | AC 128 | 2N2706 | 0 |
| 258165 | PG | T05 | LC4 | 30 V |  | 10 V | 100 MA | 750 | 125 M | 400 K 50 D | 10019 | 50 MA | $\Delta^{\prime} \mathrm{C}$ | DBS | ACY17 | 2N1176 | 0 |
| 258166 | PG | OBS | OBS | 30 V |  | 10 V | 100 MA | 75 C | 180 MWF | 400k 50P | 100tp | 50 MA | AMG | ors | ACY17 | 2N1176 | 0 |
| 258167 | PG | 101 | L02 | 2 CV | 20 V | 2 V 5 | 500 mA | 85C | 200 MmF | 500k | SOTP | 1 MA | $A^{M} \mathrm{C}$ | fuJ | AC128 | 2N2706 | 0 |
| 259168 | PG | TO1 | L02 | 9 V |  | 2 V | 100 MA | 85 C | 15 MMWF | 1 M | GOTP | 1 MA | ALG | FUJ | AC125 | 2N406 | 0 |
| 258169 | PG | 101 | L02 | 9 v |  | 2V5 | 100MA | 85 C | 150 MWF | 400k | 85 TP | 1 MA | ALG | FUJ | AC 125 | 2N406 | 0 |
| 2S8170 | PG | 101 | L02 | 30 V |  | 6 V | 10 MA | 750 | 125 MmF | 100k | 30 TP | 500uA | ALN | MAT | BC179 | 2N3965 | 0 |
| 2S8171 | PG | 101 | L02 | 30 V |  | 6 V | 10 MA | 750 | 125 MmF | 200 K | 501 P | $3 \cup 4$ | ALN | Mat | BC179 | 2N3905 | 0 |
| $2 \mathrm{SE172}$ | PG | 101 | 402 | 32 V |  | 10 V | 125MA | 75 C | 125 NWF | 400k | 5019 | ICCMA | AMG | Nat | AC128 | 2N2706 | 0 |
| 258173 | PG | 101 | L02 | 20 V |  | sv | 10 MA | 75 C | 125 MmF | 100k | $50 T P$ | 11JA | ALN | Mat | BC179 | 2N3965 | 0 |
| 2SE175 | PG | 101 | 102 | 30 V |  | 6 V | 10 MA | 756 | 125 NWF | 200k | 90tp | 3MA | ALG | MAT | AC125 | 2N406 | 0 |
| 2SE176 | PG | 101 | 102 | 32 V |  | 10 V | 125 MA | 75 C | 125 MWF | 1 N | 10019 | 100 mA | $\triangle N G$ | MAT | AC128 | 2N270t | 0 |
| 258177 | PG | TOL | 102 | 60 V |  | 10 V | 125 NA | 75 C | 125 MWF | 400k | 65 TP | 300 mA | AMG | Mat | ACL 28 | 2N2706 | 0 |
| 2SE178 | PG | 101 | 102 | 20 V |  | 6 V | 300 NA | 75 C | 225 MWF | 300 K | 65 TP | 30 cma | AMG | nat | AC128 | 2N2706 | 0 |
| 2581784 | PG | 101 | 102 | 40 V |  | 6 V | 300 MA | 75 C | 225MWF | 300K | 651 P | 30 cma | $A^{\prime N}$ | MAT | AC 128 | 2N2706 | 0 |
| 2SE180 | PG | 108 | 112 | 60 V | 40 y |  | $1 \Delta$ | 85 C | 13WC | 200k | $30 / 90$ | 300 MA | AHG | FUJ | ADI 36 | 2N11848 | O |
| 2SE1804 | PG | 108 | 412 | 40 V | $30 y$ | 12 V | 1 A | 85C | 12 nc | 200k | 25／150 | $50 \mathrm{cNa}^{\text {a }}$ | $A H G$ | FuJ | AD136 | 2N1184 | 8 0 |
| 2SB181 | $P^{\text {PG }}$ | 108 | 112 | 80 V | 40 V | 12 V | 1 A | 85 C | 6 WC |  | $20 / 150$ | 50 CMA | AHG | FUJ | AD136 | 2N1184 | $8^{0}$ |
| 2581814 | PG | 108 | L12 | 60 V | 40 y | 12 V | 1 A | 85 C | 12 WC | 200k | 25／150 | $5 C O M A$ | AH | FUJ | AD136 | 2N1184 | 80 |
| 2S8185 | PG | 101 | L02 | 25 V |  | 25 V | 50 MA | 75 C | 150 MiF | 200k | 4519 | 30 MA | ALG | SAN | AC 125 | 2 N 406 | 0 |
| 2S8186 | PC | tol | L02 | 25 V |  | 25v | 50 Ma | 75 C | 150 MWF | 200k | 17019 | 30 MA | AL $G$ | SAN | ACl25 | 2N400 | 0 |
| 2SE187 | PG | 101 | LO2 | 25 V |  | 25 V | 50 MA | 75 C | 15 CMWF | 200 K | 10019 | 3 CMA | alg | SAN | AC125 | 2N406 | 0 |
| 2S8188 | $\mathrm{PG}^{\text {g }}$ | 101 | 102 | 25 V |  | 25 V | 50 MA | 75 C | 150 MWF | 200k | 70 TP | 30 Na | AlG | SAN | AC 125 | 2N406 | 0 |
| 2S8189 | $P G$ | 102H | 085 | 25 V |  | 12 V | 250 mA | 75 C | 250 MFF | 400k 60P | 7019 | 100MA | ANG | CBS | AC128 | 2N2706 | 0 |
| 2S8199 | PG | 107 | 103 | 12 V |  | 2 V | 300 MA | 856 | 250 MWF | 300 K | gotp | 1MA | AMG | fus | AC128 | 2N2706 | 0 |
| 258200 | PG | 505 | 104 | 32 V | 32 y | 12 V | 400 Na | 75 C | 25 cmmF | 200 k | $30 / 150$ | 15 CMA | AMG， | OBS | ACYIT | 2N1176 | 0 |
| 258200A | PG | 105 | 104 | 45 v | 324 | 12 V | 400 NA | 75 C | 250 MWF | 200k | $30 / 150$ | 150 NA | $A^{\prime M} \mathrm{G}$ | OBS | ACY17 | 2N1176 | 0 |
| 2S8201 | PG | 105 | LC4 | 35 V | 35 y | 12 V | 400 MA | $85 C$ | 300 NWF | 200k | 60 TP | 150 M | ANG | fo | ACY17 | 2N1170 | 0 |
| 2S8202 | PG | 105 | 104 | 32 V | 324 | 12v | 40 cmA | 75 C | 250 MmF | 200k | 70／290 | 150 mA | ANG | cbs | ACYI7 | 2＾1176 | 0 |
| 259203 | PG | T03 | L05 | 40 V | 30. |  | 20 A | 85 C | 80 WC |  | 20／40 | 15 A | AHG | SHI | AS 7.15 | 2N1533 | 0 |
| 258204 | PG | 103 | 105 | 40 V | 304 |  | 304 | 85C | 8 CWC |  | $50 / 100$ | 154 | $\Delta H G$ | St 1 | ASL16 | 2N1536 | 0 |
| 258205 | PG | 103 | LCS | 80 V | $60 y$ |  | 20 A | 85 C | 8 CWC |  | $20 / 40$ | 154 | $\Delta \mathrm{H}$ | St | AS215 | 2N1533 | 0 |
| 258206 | ${ }^{\text {PG }}$ | G 103 | L05 | 80 V | 604 |  | 30 A | 85 C | 30 WC |  | $50 / 100$ | 154 | AHH | SHI | AS 215 | 2N1533 | 0 |
| 258207 2532074 | PG | 103  <br> G 103 | LC5 | 100 V 140 V | 754 854 |  | 20 A | 85 C 85 C | 8 ChC 80 wc |  | $20 / 40$ $20 / 40$ | 154 | $\mathrm{AHH}^{\text {AHH }}$ | SHI | AS 215 $A S 215$ | 2N1533 2N1533 | 0 0 |


| TRANSISTOR NUMBER | $\left\|\begin{array}{c} \text { PM } \\ \mathbf{O A} \\ \mathrm{LT} \end{array}\right\|$ | $\begin{aligned} & \text { PACK- } \\ & \text { AGE } \end{aligned}$ | $\left\|\begin{array}{c} \text { LEAD } \\ \text { INFO } \end{array}\right\|$ | $\begin{aligned} & \text { VCB } \\ & \text { MAX } \end{aligned}$ | $\begin{aligned} & \text { VCE } \\ & \text { MAX } \end{aligned}$ | $\begin{aligned} & \text { VEB } \\ & \text { MAX } \end{aligned}$ | ${ }_{\text {MAX }}^{\mathbf{C}}$ | $\stackrel{\mathbf{T}}{\underset{\text { MAX }}{J}}$ | TOT | $\begin{aligned} & F^{T} \quad{ }_{\text {OB }} \\ & \text { MIN } \\ & \text { MAX } \end{aligned}$ | $H_{F E}$ | $\begin{gathered} \mathrm{H}_{\text {FE }} \\ \text { BIAS } \end{gathered}$ | USE | MFR | $\begin{aligned} & \text { EURO } \\ & \text { EQVT. } \end{aligned}$ | USA EQVT. | ISS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2SE208 | PG | 103 | 105 | 100 V | 75 V |  | 30A | $85 C$ | 80 WC |  | $50 / 100$ | 154 | АНн | SHI | ASL 15 | 1533 | 0 |
| 2582084 | PG | 103 | L05 | 140 V | 85v |  | 20 A | $85 C$ | 80WC |  | $50 / 100$ | 15A | AHH | SHI | AS215 | N1533 | 0 |
| 258209 | PG | 103 | L05 | 40 V | 30 V | 40 V | 204 | 85C | 80 WC |  | $20 / 40$ | 154 | AHG | SHI | AS216 | N1536 | 0 |
| $2 \mathrm{SB210}$ | PG | 103 | L05 | 40 V | 30 V | 40 V | 30A | 856 | 80 HC |  | $50 / 100$ | 15 A . | AHG | SHI | AS216 | 2N1536 | 0 |
| 2S8211 | PG | 103 | L05 | 80 V | 60 V | 40 V | 204 | 856 | 80 WC |  | 20/40 | 15 A | AHH | SHI | AS215 | 2N1533 | 0 |
| 2S8212 | PG | 103 | L05 | 80 V | 60 V | 40 V | 304 | 85C | 80 wC |  | 50/100 | 15 A | AHH | SHI | AS215 | 2N1533 | 0 |
| 258213 | PG | 103 | L05 | 100 V | 75 V | 40 V | 204 | 85C | 80 WC |  | $20 / 40$ | 15 A | AHH | SHI | AS215 | 2N1533 | 0 |
| 258213A | PG | 503 | 1.65 | 140 V | 85 V | 40V | 20 A | 85C | 80wC |  | 20/40 | 15 A | AHH | SHI | AS215 | 2N1533 | 0 |
| 258214 | PG | 103 | L05 | 100 V | $75 v$ | 40 V | 304 | 856 | 80 CC |  | $50 / 100$ | 15 A | AHH | SHI | ASZ15 | 2N1533 | 0 |
| 2SB214A | PG | 103 | L05 | 140 V | 85 V | 40 V | 304 | 856 | 80 WC |  | $50 / 100$ | 15A | AHH | SHI | ASL15 | 2N1533 | 0 |
| 258215 | PG | 103 | 105 | 100 V |  | 20 V | 3 A | 75C | 20wC |  | 201200 | 1 A | AHH | OBS | ASZ 15 | 2N1533 | 0 |
| 258216 | PG | 103 | L05 | 60V |  | 10 V | 500mA | 75C | 20 WC |  | 25/200 | 200ma | amg | OBS | AS216 | 2N1536 | 0 |
| 2 SB217 | PG | 103 | 105 | 20V |  | 10 V | 500ma | 75C | 20 WC |  | 25/200 | 200 Ma | AHG | OBS | AS216 | 2N1536 | 0 |
| 258218 | PG | 105 | 104 | 80 V | 40 V | 20 V | 500MA | $85 C$ | 225 MWF | 800k 50P | 501 P | 200 MA | AMH | OBS | ACY17 | 2N1176 | 0 |
| 258219 | PG | 105 | 104 | 30 V | 25v | 10V | 200MA | 85C | 225 MmF | 400k 40p | 317 | 20MA | AMG | 085 | ACY17 | 2N1176 | 0 |
| 2S8220 | PG | 105 | 104 | 30 V | 25 V | 10 V | 200 MA | 85C | 225MWF | 500k 40P | 20/50 | 2 OMA | AMG | OBS | ACYI 7 | 2N1176 | 0 |
| 2S8221 | PG | 105 | 104 | 30 V | $25 v$ | 10 V | 200mA | $85 C$ | 225 MWF | 800K 40P | 72 TP | 20MA | AMG | 08S | ACY17 | 2N1176 | 0 |
| 2SB222 | PG | 105 | 104 | 30 V | 25 V | 10 V | 200MA | 85C | 225M WF | 1M 40P | 9719 | 20 MA | AHG | OBS | ACY17 | 2N1176 | 0 |
| 258223 | PG | 105 | 104 | 30 V | 25V | 15 V | 200MA | 85C | 225MmF | 200K 40P | 150TP | 20 Ma | amg | 08S | ACY17 | 2N1176 | 0 |
| 258224 | PG | 105 | 104 | 45 V | 30 V | 15V | 500 MA | 85C | 225MWF | 800K | 35 TP | 2 Mma | AMG | OBS | ACYI 17 | 2N1176 | 0 |
| -S8225 | PG | 105 | 104 | 45 V | 30 V | $15 v$ | 500ma | 856 | 225 MWF | 1 M | 531 P | 20 MA | AMG | 085 | AC Y 17 | 2N1176 | 0 |
| 2S8226 | PG | 105 | 104 | 45 V | 30 V | $15 v$ | 500ma | 856 | 225 MWF | 200k | 731P | 20MA | AMG | OBS | ACY17 | 2N1176 | 0 |
| 2S8227 | PG | 105 | 104 | 45 V | 30 V | $15 v$ | 500MA | 85 C | 225 MWF | 400K | 91 TP | 20 MA | AHG | OBS | ACY17 | 2N1176 | 0 |
| 258228 | PG | 103 | $L 05$ | 80 V | 35 V | 50 V | 54 | 916 | 12 WC |  | $357 P$ | 2 A | AHG | OBS | AS215 | 2N1533 | 0 |
| 258229 | PG | 103 | 105 | 100 V | 40 V | 50 V | 5A | 916 | 12 WC |  | 35 TP | 2A | AHG | OBS | AS215 | 2NI533 | 0 |
| 2SB230 | PG | 103 | 105 | 120 V | 50 V | 50 V |  | 916 | 12 WC |  | 357 P | 2 A | AHG | OBS | AS215 | 2N1533 | 0 |
| $2 \mathrm{SE231}$ | PG | 103 | 105 | 120 V | 120 V | 1 V | 6 6 | 756 | 25 WC | 400k | 25/200 | 5 A | Rht | OBS | ALL 03 | 2N2147 | 0 |
| 258232 | PG | 103 | 105 | 13 CV |  | OV5 | 6 A | 85 C | 40wC |  | 2019 | 200 MA | RHH | Oes | ALL 103 | 2N2147 | 0 |
| 258234 | PG | 103 | 105 | 180 V |  | iv | 15A | 85 C | 40 WC |  | 151 P | 6 A | R HH | OBS | All 03 | 2N2147 | 0 |
| 2S8235 | PG | 1036 | 113 | 80 V | 40 V | 25 v | 15A | 85 C | 60 WC | 150K | 25/200 | 5 A | AHG | OBS | AC212 | 2N1100 | 0 |
| 2SB236 | PG | 1036 | 113 | 60 V | 30 V | $25 v$ | 15A | 85 C | 60 WC | 150 K | $25 / 200$ | 5 A | AHG | CBS | AD212 | 2N1100 | 0 |
| 2 SB237 | PG | 1036 | $L 13$ | 36 V | 25 V | 25 V | $15 A$ | $85 C$ | 60 WC | 150K | 25/200 | 5A | AHG | 085 | A 2112 | 2N1100 | 0 |
| 2 Se 239 | $P G$ | 108 | L12 | 80 V | 45 V | 3 CV | 1 A | 85 C | 13 WC | 200k | 30/90 | 300MA | AHG | OBS | $4 D 136$ | 2N1184B | 0 |
| 2S8239A | PG | 108 | 112 | 100 V | 50 V | 30 V | 1 A | 856 | 13 WC | 200k | 30/90 | 300MA | AHG | OBS | AD136 | 2N1184B | 0 |
| 258240 | PG | 108 | 112 | 40 V | 30 V |  | 1 A | $85 C$ | 13 WC | 200K | 30/90 | 300MA | AHG | OBS | A0136 | 2N11848 | 0 |
| 258240A | PG | 108 | 112 | 60 V | 40 V |  | 1 A | 85 C | 13 hC | 200K | 30/90 | 300 MA | AHG | O8S | A0136 | 2N1184B | 0 |
| 258241 | PG | 108 | L12 | 80 V | 45 v | 30 V | 14 | 85 C | 13 WC | 200k | 30/90 | 300 mA | AHg | OBS | AD136 | 2N1184B | 0 |
| 258241 A | PG | 108 | 112 | 100 V | 50 V | 30 V | 1 A | 856 | 13 WC | 200K | 30/90 | 300 MA | AHG | Des | AD136 | 2NI184B | 0 |
| 2S8242 | PG | 108 | 112 | 30 V | 20 V |  | 1A | $85 C$ | 13 WC | 200k | 20160 | 300 MA | AHG | OBS | AD136 | 2N1184日 | 0 |
| 2S8242A | PG | 108 | 112 | 60 V | 30 V |  | 14 | $85 C$ | 13 WC | 200k | 20160 | 300 MA | AMG | OBS | AD136 | 2N1184B | 0 |
| 258243 | PG | 108 | 412 | 30 V | 20 V |  | 14 | 85 C | 13 WC | 200k | $40 / 150$ | 300 ma | AME | ORS | AC136 | 2N1184B | 0 |
| 2582434 | PG | 108 | 112 | 60 V | 30 V |  | 14 | $85 C$ | 13 WC | 200k | $40 / 150$ | 300MA | AMG | OBS | AD136 | 2N11848 | 0 |
| 258244 | PG | 108 | 112 | 80 V | 40 V | 30 V | 14 | $85 C$ | 13 WC | 200k | 20160 | 300 MA | AMG | OBS | AD136 | 2N11848 | 0 |
| 258245 | PG | 108 | 412 | 80 V | 40 V | 30 V | 1 A | $85 C$ | 13 WC | 200k | 40/150 | 300 MA | AHG | OBS | AD136 | 2N1184B | 0 |
| 258247 | PG | 103 | 105 | 60 V | $35 v$ |  | 5 A | 85C | 54 kC | 150k | 40/80 | 2 A | AHG | OBS | ASZ 16 | 2N1536 | 0 |
| 25.248 | PG | 103 | L05 | 4 OV | 25v |  | 54 | 85 C | 54 WC | 150K | 40/80 | 2 A | AHG | ORS | ASE16 | 2N1536 | 0 |
| 2S8248A | PG | 103 | 105 | 60 V | 35 V |  | 5 A | $85 C$ | 54 WC | 150K | $40 / 80$ | 2 A | AHG | OBS | AS216 | 2N1536 | 0 |
| 258249 | PG | 103 | 105 | 80 V | 40 V | 40 V | 5 5A | 856 | 54 WC | 150K | $40 / 80$ | $2 A$ | AHG | OBS | ASZ16 | 2N1536 | 0 |
| 2SB250 | PG | r03 | 105 | 30 V | 20 V |  | 5 A | 85 C | 54 WC | 150K | 20160 | 2 A | AHG | OBS | AS216 | 2N1536 | 0 |
| 25B250A | PG | 103 | LC5 | 60 V | 40 V |  | 5A | 85 C | 54 WC | 150K | $20 / 60$ | 2 A | AH | Oes | AS216 | 2N1536 | 0 |
| 258251 | PG | 103 | 105 | 30 V | 20 V |  | 5 A | 85 C | 54WC | 150k | 40/150 | $2 A$ | AHG | OBS | AS216 | 2N1536 | 0 |
| 2S8251A | PG | 103 | 105 | 60 V | 40 V |  | 5 A | 85 C | 54 WC | 150K | $40 / 150$ | 2 A | AHG | OBS | ASL16 | 2N1536 | 0 |
| 258252 | PG | 103 | 105 | 80 V | 50 V |  | 5A | 85 C | 54 kC | 150K | 20160 | 2 A | AHH | OBS | AS215 | 2N1533 | 0 |
| 2SB2 52A | PG | 103 | L05 | 120 V | sov |  | 5A | 85 C | 54 WC | 150K | 20/60 | 2 A | AHH | OBS | AS215 | 2N1533 | 0 |
| 258253 | PG | T03 | 205 | 8 CV | 50 V |  | 5A | 85 C | 54 WC | 150K | 40/150 | 2 A | AHH | OBS | AS215 | 2N1533 | 0 |
| 258253A | PG | 103 | 105 | 120 V | 80 v |  | $5 \Delta$ | 85 C | 54 WC | 150K | $40 / 150$ | 2 A | AHH | OBS | AS215 | 2N1533 | 0 |
| 2S8254 | PG | X03 | L05 | 35 V |  | 10 V | 600mA | $75 C$ | 4 WC |  | 501250 | 200 mA | AMG | OBS | AC162 | 2N2835 | 0 |
| 258255 | PG | $\times 03$ | L05 | 35 V |  | 10 V | 600 MA | 75C | 4 HC |  | 30/120 | 20 cma | AMG | OBS | A0162 | 2N2835 | 0 |
| 258256 | PG | $\times 03$ | L05 | 35 V |  | 10 V | 600MA | $75 C$ | 4 WC |  | 30/250 | 200 ma | AMG | OBS | AD162 | 2N2835 | 0 |
| 258257 | PG | 101 | 202 | 18 V |  | 12V | 5 MA | 75 C | 60 MWF | 2M 25P | 12519 | 1 MA | ALN | OBS | AC107N |  | 0 |
| 258258 | PG | 1036 | 113 | 120 V |  | IV | 15A | 756 | 6 chC | 700k | 381280 | 5 A | AHH | OBS | AD212 | 2N1100 | 0 |
| 258259 | PG | 1036 | L13 | 80 V |  | iv | 15A | 75 C | 60 WC | 700K | 38/280 | 5 A | AHG | OBS | ADL12 | 2N1100 | 0 |
| 258260 | PG | 1036 | 413 | 50 V |  | 1 v | 15 A | 75 C | 60 WC | 700k | 38280 | 5 A | AHG | OBS | A CZ 12 | 2N1100 | 0 |
| 2S8261 | PG | 101 | 102 | 20 V | 15 V | 2V5 | 30 MA | 85 C | 65 MWF | 1 M | 45 TP | 1 MA | ALG | FUJ | AC125 | 2N406 | 0 |
| 258262 | PG | 101 | 102 | 20 V | 15 V | 2v5 | 3 CMA | 85 | 65 MWF | 1 M | 90tp | IMA | ALG | FUJ | AC 125 | 2N406 | 0 |
| 258263 | PG | 101 | L02 | 20 V | 18 V | 2 V | 150 mA | 85 | 20 CMWF | 1M | 601P | 1 Ma | ALG | FUJ | AC 125 | 2N406 | 0 |
| 258264 | PG | T01 | L02 | 25 V |  | 6V | 50 MA | $75 C$ | 70 MWF | 400K 25P | 6519 | 500 UA | ALN | 085 | AC107N |  | 0 |
| 258265 | PG | 105 | L03 | 40 V | 30 V | 12V | 200 MA | 75 C | 170 MWF | 500K 50P | 1001 P | 1 COMA | AMG | OBS | AC128 | 2N2706 | 0 |
| 2S8266 | PG | 101 | 102 | 25 V |  |  | 150MA | $85 C$ | 150 MHF | 500k | 67 TP | 1 MA | ALG | OBS | AC 125 | 2N406 | 0 |
| 258267 | PG | 101 | 102 | 25 V |  |  | 150 MA | $85 C$ | 150 MWF | 600k | 70TP | 150 MA | AMG | OBS | AC 128 | 2N2706 | 0 |
| 2S8268 | PG | 101 | 103 | 30 V | 20 V | 15v | 300ma | 85 C | $250 M_{\text {wF }}$ | 400k | 701P | 15 cma | AMG | OBS | AC128 | 2N2706 | 0 |
| 258269 | PG | 101 | 102 | 25 V |  |  | 150 MA | 85 C | 150 MWF | 800k | 67 TP | 1 MA | ALG | OBS | AC125 | 2N2706 | 0 |
| 258271 | PG | rol | L02 | 25 V |  | 6 V | 200 mA | $75 C$ | 600 MHF |  | 801P | 1 COMA | AMG | OBS | AC128 | 2N2706 | 0 |
| 258272 | PG | 101 | 102 | 25V |  | 6 V | 200MA | 750 | 600 MWF |  | 20019 | 100 MA | AMG | OBS | AC128 | 2N2706 | 0 |
| 258273 | PG | 101 | 102 | $25 V$ |  | 6 V | 00 mA | 75C | 600 MWF |  | 1501P | 100 mA | AMG | OBS | AC 128 | 2N2706 | 0 |
| 258274 | PG | 103 | L05 | 80 V |  | 115 | 6 A | 85 C | 12 WC |  | S0TP | 1 A | AHH | OBS | A S215 | 2N1533 | 0 |
| 258275 | PG | 103 | 105 | 120 V | 105 V | $1 V 5$ | 6 A | 85 C | 12 WC | 400k | 40 TP | 4 A | RHH | OBS | AL 103 | 2N2147 | 0 |
| 258276 | PG | 103 | 105 | 120 V | 105 V | 1 V 5 | 10 A | $85 C$ | 12 WC | 400k | $351 P$ | 10 A | RHH | OBS | AL 103 | 2N2147 | 0 |
| 258283 258282 | PG | 103 103 | 105 | 60 V | 48 V | 12 V | 6 A | $8{ }_{8}^{85} 8$ | 30 WC | 100K | $35 / 80$ $15 / 30$ | 6 A | AHG AHH | MAT | ASZ16 ASZ15 | 2N1536 2N1533 | 0 |


| TRANSISTOR NUMBER | $\begin{aligned} & \mathbf{P M} \\ & \mathbf{O A} \\ & \mathbf{L T} \end{aligned}$ | $\begin{array}{r} \text { PACK- } \\ \text { AGE } \end{array}$ | $\begin{array}{\|l\|l\|} \text { LEAD } \\ \text { INFO } \end{array}$ | $\begin{aligned} & \text { VCB } \\ & \text { MAX } \end{aligned}$ | $\begin{aligned} & \text { VCE } \\ & \text { MAX } \end{aligned}$ | $\begin{aligned} & \text { VEB } \\ & \text { MAX } \end{aligned}$ | ${ }^{\prime} \mathbf{C}$ MAX | $T$ MAX M | TOT | $\begin{array}{ll} F & C_{O B} \\ \text { MIN } & \text { MAX } \end{array}$ | $H_{F E}$ | $\begin{gathered} \mathrm{H}_{\mathrm{FE}} \\ \text { BIAS } \end{gathered}$ | USE | MFR | $\begin{aligned} & \text { EURO } \\ & \text { EQVT. } \end{aligned}$ | USA EQVT. | ISS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2SE284 | PG | 103 | L05 | 6 CV | 4 EV | 2 CV | 64 | 856 | 30 C | 100k | 20145 | $6 \Delta$ | G | mat | AS216 | 2N1536 | 0 |
| 253285 | PG | 103 | LC5 | 80 V | 60 V | 40 V | 64 | 85 C | 3 CWC | 120k | $20 / 65$ | 6 A | AHH | mat | AS215 | 2N1533 | 0 |
| 254290 | PG | 105 | 104 | 18 V |  | 12 V | 40 Na | 750 | 65 MmF | 2N 15P | 1251P | 1 MA | RLG | 08S | ASY27 | 2N1305 | 0 |
| 258291 | PG | 105 | 104 | 30 V | 25 V | 12 V | 15 CMA | 75 C | 150 MWF | 400k 60p | lootp | IMA | Al $G$ | OBS | AC125 | 2N406 | 0 |
| 2SB292 | PG | 105 | 104 | 30 V | 25 v | 12 V | 150 Na | 15C | 150 MWF | 400 K 60 P | Borp | 5 CmA | ANG | OBS | ACY17 | 2N1176 | 0 |
| 2SE292A | PG | 105 | 104 | 60 V | 45 V | 12 V | 150ma | 750 | 150 mFF | 400k 60P | 801P | 50 Ma | AMG | 085 | ACY17 | 2N1176 | 0 |
| 2SB293 | PG | 101 | L02 | 18 V | 13 V |  | 250 MA | $85 C$ | 15 cmiF | 500k | 7019 | 15 CmA | AMG | ces | AC128 | 2N2706 | 0 |
| 2SA294 | ${ }^{\text {PG }}$ | 101 | L02 | 18 V | 13 v |  | 250 Na | 95 C | 150 MWF | 500k | $36 T 8$ | 1 MA | AMG | OBS | AC128 | 2N2706 | 0 |
| 2SE295 | PG | to3 | LC5 | 100 V | 65 V | 40 V | 5 A | 850 | 40 WC | 200k | 30/120 | 1 A | $\triangle H H$ | fus. | ASL15 | 2N1533 | 0 |
| 2SE296 | PG | 103 | L05 | 16 CV | 100 v | 3 V | 104 | 75 C | 3 WWC | 700 K | 25/200 | 1 CA | RHH | OBS | AL 103 | 2N2147 | 0 |
| 2S8299 | PG | 101 | 102 | 18 V | 13 v |  | 250MA | 85 C | 150 mmF | 500 K | 65 TP | 150 NA | AMG | 085 | AC128 | 2N2706 | 0 |
| 2SE300 | PG | 103 | 105 | 10 cV | 100 V | 1 V | 104 | 75 C | 35 WC |  | 30/200 | 5 A | RHG | OBS | AL103 | 2N2147 | 0 |
| 2SB3Cl | $\mathrm{OG}^{\text {g }}$ | 103 | L05 | Sov | GOV | Iv | 10A | 750 | 35 hC |  | 30/200 | $5 \wedge$ | RHG | CBS | ALl03 | 2N2147 | 0 |
| 258302 | PG | TCI | LC2 | lov |  | 5 V | 2 Na | 750 | 40 MWF | 5M 15P | $80 T p$ | 1 MA | RLG | HIJ | OC44N | 2N2614 | 0 |
| 2Se303 | PG | IC1 | LC2 | 30 v |  | 25 V | 20 MA | 650 | 50 WFF |  | $50 T P$ | ima | ALG | SAN | AC125 | 2N406 | - |
| 258304 | PG | 105 | LC4 | 30 V | 20 V | 10 V | 500NA | 75 C | 225 MmF | 400 K | 70Tp | 50 ma | AMG | FUJ | ACY17 | 2N1176 | 0 |
| 2SE3C44 | PG | 105 | LC4 | 4 OV | 30 V | 15 V |  | 750 | 225 NWF | 400 K | 70TP | 5 CNA | AMG | FUJ | $\Delta C Y 17$ | 2N1176 | 0 |
| 258306 | ${ }^{\circ} \mathrm{PG}$ | 105 | LC4 | 105 V |  | 50 V | 20 MA | 756 | 75 MWF | 40JK | 5010 | 2 Na | ALH | OBS | ACY17 | 2N1176 | 0 |
| 2SB309 | PG | tc3 | LC5 | 75 V |  | iv | 8 A | 850 | 43 hC | 500 K | 30/125 | 14 | RHG | MAT | AL103 | 2N2147 | 0 |
| 259310 | $p \in$ | TC3 | LC5 | 140 V |  | 1 V | \& $A$ | 85 C | 43 NC | 500 K | 30/125 | 1 A | RHG | MAT | Allo3 | 2N2147 | 0 |
| 258311 | PG | 103 | LO5 | 180 V |  | Iv | 104 | $85 C$ | 5 ChC | 500k | 30/125 | 14 | RHH | mat | AL103 | 2N 2147 | 0 |
| 258312 | PG | $1{ }^{1} 2$ | LC5 | 140 V |  | Iv | $8 \triangle$ | 850 | 40 WC | 700k | 14/100 | $8 \Delta$ | Krh | ORS | AL103 | 2N2147 | 0 |
| 2 Se313 | PG | $1{ }^{1} 3$ | LC5 | 180 V |  | 1 V | 1 CA | 95C | 40 WC | 700k | 14/100 | 98 | RHH | OPS | aliv3 | 2N2147 | 0 |
| 2SB315 | PG | 101 | LC2 | 16 V | 16 V | ov | 30 Jma | 85 c | 150 MFF | 4005 | 5018 | 1 MA | $\triangle \mathrm{MG}$ | CRS | AC 128 | 2N2706 | 0 |
| 258316 | PG | IC1 | LC2 | 16 V | 16 v | 6v | 300NA | 85 C | 150 MWF | 400 K | 6019 | 150 MA | AMG | OBS | AC128 | 2N27J6 | 0 |
| 258317 | PG | 107 | LC3 | 16 V | 16 V | Sv | 300~A | 95 C | 250 MhF | 400k | 60 P | 150 mm | ANG | ORS | AC 128 | 2N 2706 | 0 |
| 2SR318 | PG | $1{ }^{1} 3$ | 155 | 60 V | 40 V | Iv | 5 A | 100 C | 5 CWC | 14 | $40 / 200$ | 1 A | RHG | FUJ | AL103 | 2N2147 | 0 |
| 2SP319 | Pe | 103 | 165 | 10 CV | 60v | IV | $5 A$ | 1000 | 50 WC | 200 K | $40 / 200$ | 1 A | RHE | FuJ | All03 | 2N2147 | 0 |
| 258320 | $p \mathrm{P}$ | 103 | LC5 | 100 V | 60v | 2 V | 104 | 1006 | 5 chC | $1{ }^{M}$ | 40/200 | 14 | RHG | FUJ | AL103 | 2192147 | c |
| 258321 | PG | nes | 0 es | 12 V |  | 12 V | SONA | 65C | 40 MmF |  | 100tP | 5 COUA | AL N | ORS | AC107A |  | 0 |
| 2Sex 22 | $P G$ | CBS | CBS | 12 V |  | l2v | 50 mA | 650 | 40 NWF |  | 150 TP | 500us. | ALN | OBS | AC 107 N |  | 0 |
| CSE323 | 96 | crs | GES | 12 V |  | 12 V | 50 MA | 65 C | 40 MmF |  | 10019 | 5000 A | ALN | CBS | AC107N |  | 0 |
| 258324 | $P G$ | tol | LC2 | 32 V |  | 10 V | 500 ${ }^{\text {a }}$ | 850 | 200 MWF | 750K | gorp | 3 CONA | AMG | MAT | AC129 | 2N2706 | 0 |
| 2SA325 | $P G$ | 08s | aes | 12 CV | 100 v | 50 v | 600ma | 85c | 180 CNWF |  | 20/250 | 5 CmA | AMH | fuJ | ACY 17 | 2N1176 | 0 |
| 258326 | -G | 105 | LC4 | 30 V |  | 15 V | 500 ma | 85c | 2254 FF | 800 K | 651 P | 2OMA | ANG | CBS | ACr17 | 2N1176 | 0 |
| -58327 | PG | tcs | LC4 | 30 V |  | 15 v | 500mA | 850 | 225 MWF | BCOK | 6579 | 20MA | AMC | 085 | $\Delta C Y 17$ | 2N1176 | 0 |
| 258328 | PG | 101 | LC2 | 15 V |  | 6 V | 300ma | 85 C | 150 MhF |  | $807 p$ | 20 NA | ANG | CBS | AC128 | 2N2706 | 0 |
| 258329 | PG | 101 | LC2 | 15 V |  | 6v | 300NA | 85 C | 150 MmF |  | 15079 | 20 MA | AMG | ces | AC128 | 2n270t | 0 |
| 2SE330 | PG | 175 | LC4 | 110 V |  | 50 V | LSONA | 85 C | 225 WF |  | $351 p$ | 2 MA | ALH | oes | ACY17 | 2N1176 | 0 |
| 2SA331 | PS | to 36 | 113 | 40 V | 25 v | 2 cv | 154 | 1006 | 8 CWC | 125k | 20/125 | 5 A | AHC | HIJ | Anl 12 | 2N1100 | 0 |
| 253331H | $P G$ | TC36 | L13 | 40 V | 25 V | 2 CV | $15 \pm$ | 1 COC | 80wC | 125 K | 20 MN | 58 | AHG | HIJ | A0212 | 2N1100 | 0 |
| 258332 | PG | lust | 113 | 60 V | 45 v | 40 V | 15 A | 1000 | 80 wC | 125 K | 20/125 | 5 A | AHG | HIJ | ACL 12 | 2N1100 | 0 |
| 2Si3332H | PG | 1036 | 113 | 60 V | 45 v | 40 V | 154 | 100C | 80 wC | 125k | 20/125 | 54 | AHG | HIJ | Anzl2 | 2N1100 | 0 |
| 2S8333 | PG | TC3t | 113 | 30 V | 55 V | 4 CV | 158 | 100C | 80 WC | 125k | 25/70 | 5 A | $\triangle H \mathrm{C}$ | HIJ | A0 112 | 2N110C | 0 |
| 2SP333H | PG | 1C3t | 113 | 80 V | 55 V | 40 V | 15 A | 100 C | 8 CWC | 125k | 25/70 | 5 A | AHG | HIJ | A02 12 | 2N1100 | 0 |
| 253334 | PG | IC36 | L13 | 100 V | 65 v | 60 V | 15A | 100 C | 80 nc | 125K | 25/50 | 54 | AHH | HIJ | A0212 | 2N1100 | 0 |
| 25e334H | PG | TC36 | L13 | 10 CV | 65 v | 6 CV | 15 A | 1 COC | 80 WC | 123 K | 25/50 | 5 A | $\triangle H H$ | HIJ | ACliz | 2N1100 | 0 |
| 234335 | PG | $1{ }^{1} 1$ | 102 | 20 V |  | 10 V | coma | 750 | $83 \mathrm{mmF}^{\text {m }}$ | 400k | 7018 | 1 MA | ALG | MAT | AC 125 | 2N406 | 0 |
| 253336 | PG | TCI | LC2 | 20 V | 12 v | 10 V | 60NA | 756 | 83 MWF | 400k | SOTD | 60 MA | ALG | MAT | $\triangle C 125$ | 2 N 406 | 0 |
| <58337 | PG | IC 3 | 105 | 4 CV | 30 V | 1 V | 74 | 900 | 12NC | 150k | 50/165 | 1 A | AHG | HIJ | ASZ16 | 2N1536 | 0 |
| 253337t | Ps | 103 | L05 | 40 V | 30 V | Iv | 74 | 90 C | 12 nc | 150 K | 100 TP | 14 | RHG | HIJ | ALIO3 | 2N2147 | 0 |
| 2Se338 | PG | TC3 | 1 CS | 60 V | 30 V | 10 V | 7 A | 90C | 12 NC | 125k | 50 mN | 150 CMA | AHG | HIJ | AS21t | 2N1536 | 0 |
| 258339H | ${ }_{0}$ | 10. | LC5 | 6CV | 30 V | 10 V | 74 | 906 | 12 NC | 125k | 50 ma | 500 Na | AHG | HIJ | ASL16 | 2N1536 | 0 |
| 2S8335 | pe | 103 | LC5 | 30V | 35 V | 50 V | 108 | 900 | 12 hc | 125 K | 35 MN | 8 A | $\triangle H G$ | HIJ | ASZ16 | 2N1536 | 0 |
| 253339H | PG | TL3 | LOS | 80v | 35 v | 50 V | 104 | 90 C | 12 nc | 125 K | 35 NN | 8 A | AHG | HIJ | AS216 | 2N1536 | 0 |
| 259340 | $P G$ | 103 | L05 | 100 V | 40 V | 50 V | 104 | 90 C | 12 nc | 125 K | 35 NN | 84 | AHH | HIJ | ASL15 | 2N1533 | 0 |
| 2SE340H | PG | 1 C 3 | LC5 | 100 V | 40 V | 50 v | 10 A | 906 | 12 WC | 125 K | 35 MA | 8 A | AHH | HIJ | ASL25 | 2N1533 | 0 |
| 258341 | PG | IC3 | LC5 | 120 V | 50 V | 5CV | 108 | 900 | 12 WC | 175 K | 35 MN | 8 A | AHH | HIJ | AS 215 | 2N1533 | 0 |
| 253341H | $P G$ | 103 | LC5 | 12 CV | 50 V | 50 V | 10A | 9CC | 12 nc | 125 k | 35 NN | 84 | AHH | HIJ | ASL 15 | 2N1533 | 0 |
| 259342 | PG | T03 | L05 | 120 V | 90 V | IV | $\in \Delta$ | 75 C | 30 WC | 800k | 25/250 | 5 A | RHG | oes | Allo3 | 2N2147 | 0 |
| $25 P 343$ | PG | 103 | LC5 | 150 V | 10 cv | 1 v | 64 | 750 | 3 CWC | 830k | 25/250 | 54 | RHL | OBS | AL 103 | 2N2147 | 0 |
| 2SA345 | PG | TCl | LC2 | 32 V |  | 10 V | 100NA | 750 | 165 MmF | 200k | 1254 P | 2NA | ALG | MAT | AC 125 | 2N406 | 0 |
| 253346 | PG | TCl | LC2 | 32 V |  | 10 v | 100 ma | 750 | 165 MAF | 200 K | 220TP | 2 Na | ALG | MAT | AC125 | 2N4 06 | 0 |
| 2SE347 | PG | 101 | LG2 | 32 V |  | lev | 1004A | 75C | $165 \% \mathrm{mF}$ | 200k | 1251P | 2 Ma | ALG | Mat | AC125 | 2N406 | 0 |
| 253348 | PG | TO1 | L02 | 32 V |  | 10 V | 100 12 | 75 C | 165 MmF | 200k | 18070 | 2 MA | ALG | Mat | AC125 | 2N406 | 0 |
| 2SE349 | PG | 101 | LC2 | 20 V |  | 6 V | 50MA | 750 | 50 mFF |  | 15019 | 10 MA | ALG | 0 0s | AC125 | 2N406 | 0 |
| 2SB350 | PG | 101 | LC2 | 25 V | 18 V |  | 50 MA | 750 | 150 mF |  | 1001 P | 30 ma | ANG | CBS | AC128 | 2N2706 | 0 |
| 253351 | ${ }^{\text {PG }}$ | T036 | L13 | 40 V | 30 v | $20 v$ | 154 | 90C | 70 WC | 150 K | 30/150 | 54 | AHG | Fus | ACIL2 | 2N1100 | 0 |
| 254352 | PG | TC3t | 113 | 6 CV | 40 v | 4 CV | 15 A | 90 C | 70 WC | 150K | 30/150 | 5 A | AHG | FUJ | ADZ12 | 2N110C | 0 |
| 258353 | PG | 1036 | 113 | 30 V | 50 v | 40 V | 15 A | 90 C | 70 wC | 150 K | 30/150 | 5 A | AHG | FUJ | ADE12 | 2N1100 | 0 |
| 258354 | PG | 1536 | 113 | 100 V | 60 V | 60 V | 154 | 90 C | 70wC | 150k | 30/150 | 54 | AHG | fus | AC212 | 2N1100 | 0 |
| 2 S 8355 | $P G$ | $\times \mathrm{C} 3$ | 105 | 25 V | 25 V | 12 V | 14 | 85 C | 15 hc |  | 30/120 | 50 CMA | AHG | ces | A0162 | 2N2835 | 0 |
| 253356 | PG | $\times 03$ | L05 | 80 V | 40 V | 12 V | 1 A | 85C | 15 hC |  | 25/120 | 500MA | AHG | OBS | AD162 | 2N2835 | 0 |
| 258357 | PG | XC3 | LC5 | 100 V | 60 v | 12 V | 18 | 85 C | 15 WC |  | 20/120 | 50 cma | AHH | ORS | ASZ15 | 2N1533 | - |
| 258358 | PG | 103 | LC5 | 80 V | 60 V | $1 \mathrm{I}_{5}$ | 64 | 85C | sowc | 500k | 10/100 | 4 A | RHG | OBS | AL 103 | 2N2147 | 0 |
| 二58359 | PG | TC3 | 105 | 120 V | 90 V | IV5 | 68 | 85 C | 50 WC | 500k | 10/80 | 4 A | RHG | CES | ALl03 | 2N2147 | 0 |
| 2SE360 | $P G$ | 103 | LC5 | 180 V | 120 v | 1v5 | 6 A | 85 C | 50 WC | 500k | $10 / 100$ | 4 A | RHH | ces | ALl03 | 2N2147 | 0 |
| 254361 | ${ }^{\text {PG }}$ | 103 | 105 | 80 V | 80 v | Iv | 5 A | 900 | 12 WC |  | $50 / 280$ | 1 A | RHG | HIJ | AL 103 | 2N2147 | 0 |
| $2 S 8362$ $2 S 9364$ | PG | T03 | LC5 | 180 V | 40 V | $1 v$ | 74 | 90C | 12 WC | 500 K 500 K 70 P | 90 MN | 4500 mA | RHG | HIJ | AL103 | 2N2147 | 0 |


| TRANSISTOR NUMBER | $\left\|\begin{array}{c} \mathrm{PM} \\ \mathrm{OA} \\ \mathrm{LT} \end{array}\right\|$ | PACK－ AGE | LEAD INFO | VCB MAX | $\begin{gathered} \text { VCE } \\ \text { MAX } \end{gathered}$ | VEB MAX | I C MAX | $T$ J MAX | $\begin{aligned} & \text { P } \\ & \text { TOT } \end{aligned}$ | $\begin{array}{ll} \text { F } & C_{0} \\ \text { MIN } & \text { MAX } \end{array}$ | $H_{F E}$ | $\begin{gathered} \mathrm{H}_{\mathrm{FE}} \\ \text { BIAS } \end{gathered}$ | USE | MFR | EURO EQVT． | $\begin{aligned} & \text { USA } \\ & \text { EQVT. } \end{aligned}$ | ISS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2SE365 | PG | TCI | Lc | 20 V | 20. | 12 V | 400NA | 75 C | 150MWF | 500K 70P | gotp | 100MA | G | S | AC 128 | 2N2706 | 0 |
| 2SE367 | PG | $\times 03$ | 15 | $25 y$ |  | 12 V | 14 | $85 C$ |  |  | 100 TP | 200 NA | AHG | OBS | AD162 | 2N2835 | 0 |
| 258368 | PG | $\times 03$ | C5 | 45v |  | 12 V | 14 | 85C | 4 kC |  | 85 TP | 200 mA | AHG | OBS | AD162 | 2N2835 | 0 |
| 258370 | PG | 101 | 102 | 25 V | 18. | 6 V | 500kA | 85 C | 200MWF |  | 70 MN | 150 MA | AMG | HIJ | AC128 | 2N2706 | 0 |
| 258370A | PG | Tc1 | LC2 | 32 V | 24. | 12 V | 500 Na | 85 C | 200Mw |  | 70 MN | 15 CMA | AMG | HIJ | AC128 | 2N2706 | 0 |
| 2SB3704H | PG | ICl | LCz | 32 V | 24. | 12 V | 50 CNA | 85 C | 200M6F |  | 70 MN | 15 MA | AMG | HIJ | AC 128 | 2N 2706 | 0 |
| 2S8371 | PG | 101 | LC2 | 32 V |  | 10 V | 200mA | 75 C | 165 MWF | 800 K | 1251 P | 50 MA | AMG | Mat | ${ }^{\text {AC }}$ C128 | 2N2706 | 0 |
| 258372 | PG | 105 | 104 | 25 V | $18 y$ | 10 V | 1 A | 85 C | 1500 MWH |  | 7019 | 20 cma | AMG | OBS | ACY 17 | 2N117t | 0 |
| 258373 | PG | T05 | LC4 | 25 V | 18 y | 10 V | 1 A | 85 C | 1500 MKH |  | $1507{ }^{\text {1 }}$ | 200 MA | AMG | OBS | ACYit | 2N1176 | 0 |
| $2 \mathrm{SE374}$ | PG | 105 | LC4 | 60 V | 45 | 10 V | $1 A$ | 85 C | 1500 MWH |  | 1501 P | 20 CMA | AMG | OBS | ACYI 7 | 2N1176 | 0 |
| 2S日 375 | PG | 103 | C5 | 150 V | $120 y$ | IV | 9 A | 750 | chc | 800k | 25／250 | 8 A | RHH | OBS | AL103 | 2N2147 | 0 |
| 2S8376 | $P G$ | TC1 | LG2 | 20 V |  | 6 V | 300ma | 750 | 225 MmF | 400k | 501 P | 300 MA | AMG | MAT | AC128 | 2N2706 | 0 |
| $2 \mathrm{SE377}$ | PG | T05 | LC4 | 32 V |  |  | 15 cma | 85 C | 270 MWF | 1200K | 134 TP | 5 coua | ALG | Sor | ACY17 | 2N1176 | 0 |
| 258378 | PG | 105 | 4 | 18 V | 164 |  | 150 MA | 65C | 180 MWF | 1 M | 42 TP | 20 MA | ALG | Sor | ACYI 7 | 2N1176 | 0 |
| 258379 | PG | TC5 | LC4 | 18 V | $16 y$ |  | 150MA | 85 C | 180 MWF | 1300k | 84 TP | 20 ma | AMG | SOY | AC Y17 | 2N1176 | 0 |
| as8380 | PC | 105 | 104 | 18 V | 164 |  | 150 MA | 85 C | 18 CMWF | 1500k | 1691P | 2 CMA | AN | Scr | ACY 17 | 2N1176 | 0 |
| 2 SF 381 | PG | 105 | 104 | 32 V | 304 |  | 300 mA | 85 C | 270 MWF | 600k | $421 P$ | 20 MA | AMG | Sor | ACY17 | 2N1176 | 0 |
| 258382 | PG | 105 | LC4 | 32 V | 304 |  | 300 NA | 85C | 270 MWF | 700k | 84 TP | 20 MA | AMG | Sor | ACY17 | 2M1176 | 0 |
| 2SE383 | PG | IC5 | LC4 | 32 V | 304 |  | 500 MA | 85 C | 270 MWF | 1200k | 84 TP | 20 MA | ANG | SCr | ACY17 | 2N1176 | 0 |
| 2S8386 | PG | 101 | LC2 | 30 V | 244 | 15 V | 300NA | 85C | 150 MmF | 700k | 80TP | 50 ma | AMG | OBS | AC 128 | 2N2706 | － |
| 258389 | PG | 101 | LC2 | 12 V |  | ovs | 10 MA | 85 C | 8 CNWF | 3 N | 100 TP | 1 CCUA | ALN | FUJ | AC107N |  | 0 |
| 258390 | ${ }^{\text {PG }} \mathrm{G}$ | 103 | 105 | 80 V | 60 y | 1 v | 6 A | 75 C | 30 nc | 500k | 25／250 | 5 F | RHG | OBS | AL103 | 2N2147 | 0 |
| 258391 | PG | TC3 | LC5 | 50 V | 40 V | Iv | 6 A | 75 C | 30 WC | 500k | 25／350 | 3 A | RHG | OBS | AL103 | 2N2147 | 0 |
| 258392 | $P \mathrm{P}$ | IT5 | LC4 | 20 V | 20 V | 13 V | 200MA | 85 C | 150 MWF |  | 1007 P | 20 MA | AMG | ObS | ACY17 | 2N1176 | 0 |
| 2SB393 | PG | 105 | L04 | 28 V | 20 V | 13 v | 200 MA | 85C | 150～6F |  | 44 TP | 20 MA | ANG | OBS | ACY17 | 2N1176 | 0 |
| 258394 | PG | TC5 | LC4 | 28 V | V | 13 V | 200MA | 85 C | 150 NWF |  | 90 | A | HG | Ces | ACYI 7 | 2N1176 | 0 |
| 258395 | PG | 105 | 104 | 28 V | 20 V | 13 V | 200MA | 85 C | 150MWF |  | 160 T | CMA | AHG | OBS | ${ }^{\text {ACY17 }}$ | 2N1176 | 0 |
| 2S8396 | PG | T05 | LC4 | 40 V | 40 V | 13 V | 200 NA | 85 C | 150 MhF |  | 68 TP | 20 MA | AMG | OBS | AC Y 17. | 176 | 0 |
| 258400 | PG | 101 | L02 | 20 V |  |  | 40 MA | 85 C | 1.00 MWF | 400 K | lootp | 1 MA | ALG | SAN | AC125 | 06 | 0 |
| $2 \mathrm{Se4Cl}$ | PG | 105 | LC4 | 4 CV | 32 v | 10 V | 300 MA | 85C | 24 cmhF | 150 K | G0TP | 3 Coma | AMG | Mat | ACY17 | 2N1176 | 0 |
| 2584C2 | PG | 105 | L04 | 60 V | 60 V | 1 cv | 300 Na | 85 C | 40 MWF | 150k | 6019 | ORA | M | MAT | ACY17 | 2N1176 | 0 |
| 258403 | PG | 105 | L04 | 40 V | 32 V | 20 V | 300ma | 85 C | 240 NWF | 350 K | 507 | 300 MA | AMG | MAT | ACY17 | 2N1176 | 0 |
| 2SB405 | PG | 101 | LC2 | 25 V | 25 V | 6 V | 14 | 850 | 72 cmkH | 350 K | 10018 | 200 mA | AMG | AN | AC128 | 2N270t | 0 |
| 258407 | PG | 103 | L05 | 30 V | 30 v | 10 V | 7 A | 85 C | 30 WC | 175k | 80 MN | 1 A | AHG | SAN | ASZ16 | 533 | 0 |
| 258410 | PG | 103 | LC5 | 135 V | 100 V | 5 v | 154 | 850 | 40 WCl | 200K | GOMN | 1 A | RHH | SAN | AL103 | 2N2147 | 0 |
| 258411 | PG | 103 | LC5 | 200 V | 140 V | 5 V | 114 | 85 C | 4 CWC | 1 M | 60TP | 1 A | H | SAN | Al103 | 2N2147 | 0 |
| 2S8413 | PG | $\times 03$ | 105 | 60 V | 45 V | 1 V | 1500 ma | 85 C | 13 WC | 1 N | 33／130 | 500 MA | AHG | OBS | AD162 | 2N2835 | 0 |
| 258414 | PG | $\times 03$ | 105 | 32 V | 32 V | 1 V | 1500 mA | 85 C | 13 hC | IN | 33／130 | 50 cma | AHG | CbS | A0162 | 2N2835 | 0 |
| 258415 | PG | 101 | LO2 | 32 V | 24 V | 6 V | 14 | 85 C | 200 MmF | 400 K | 7019 | 300 MA | AMG | TOS | AC 128 | 2N2706 |  |
| 258416 | PG | T05 | LC4 | 25 V | 25 V | 13 V | 120NA | 85 C | 150 mFF |  | 70tp | 1 MA | ALG | OBS | AC125 | 2N406 | 0 |
| －S8417 | PG | 105 | 104 | 45 V | 45 v | 13 V | 120MA | $85 C$ | 150 M |  | 70TP | 1 MA | ALG | CBS | AC125 | 2N406 | 0 |
| 2SB418 | $P \mathrm{PG}$ | 105 | 104 | 70 V | 70 V | 13 V | 120 mA | 85 C | 150 MWF |  | 701p | 1 MA | ALG | OBS | OC77 | 2N11768 | 0 |
| 258426 | PG | 103 | LC5 | 32 V |  | 12 V | 7 A | 85 C | 30 WC | 180k | 30／200 | 14 | AHG | IOS | AS216 | 2N1536 | 0 |
| 2S8426／B | PG | 103 | 105 | 32 V |  | 12 V | 74 | 85 C | 30 WC | 180 K | 85／200 | 1 A | AHG | TCS | ASZ16 | 2N1536 | 0 |
| 2SE426／Y | PG | tc3 | LC5 | 32 V |  | 12 V | 7 A | 85 C | 30 WC | 180k | 50／100 | 1 A | AHG | ros | AS216 | 2N1536 | 0 |
| こSB426／R | $P G$ | 103 | L05 | 32 V |  | 12 V | 7A | 850 | 3 ChC | 180 K | $30 / 60$ | 1 A | AHG | tos | ASZ 16 | 2N1536 | 0 |
| 253427 | PG | 105 | 104 | 45 V | 30 V | 15 V | 500 Na | 75 C | 225 MmF | 400 K | 6018 | 1 COMA | AMG | Fus | ACY17 | 2N1176 | 0 |
| $2 \mathrm{SE428}$ | $P G$ | 105 | LC4 | 45 V | 30 V | 15 V | 50 cma | 75 C | 225 MWF | 400k | gotp | 1 COMA | AMG | fuJ | ACY17 | 2N1176 | 0 |
| $2 S^{2} 430$ | ${ }^{P} \mathrm{G}$ | T03t | 113 | 70 V |  | 1 V | 20A | 856 | 80 WC | 100k | 10 MN | 20 A | AHG | MAT | ADL12 | 2N1100 | 0 |
| 2SB431 | PG | T01 | 102 | 32 V | 24 V | 12 V | socka | 850 | 200 MkF | 500 k | 80tP | 1 MA | $\triangle M G$ | FUJ | AC 128 | 2N2706 | 0 |
| 2SE432 | PG | 103 | L05 | 15CV | 100 V | 2 V | 5 A | 85 C | nch | 200k | 40／170 | 14 | RHH－ | FUJ | AL 100 | 2N2147 | 0 |
| 2 SB433 | PG | 1036 | 413 | 70 V | 60 V | 40 V | 15A | 85 C | 56 WC |  | 30／120 | 5A | AHH | FUJ | ADZ12 | 2N1100 | 0 |
| 258434 | PS | TOP 66 | 132 | 60 V | 50 V | 5 V | 34 | 150 C | 25 WC | 1 M | $40 / 240$ | 50cma | AHG | TOS | B0590 | 2N6126 | 0 |
| 25843410 | PS | TOP E6 | 132 | 60 V | 50 V | 5 V | 34 | 150 C | 25 WC | 1 M | 70／140 | 500MA | AHG | IOS | BD590 | 2N6126 | 0 |
| 2SB434／R | PS | 10P66 | 132 | $t 0 \mathrm{~V}$ | 50 V | 5 V | 3 A | 150 C | 25 wc | 1 N | 40／80 | 500 MA | AHG | Jos | BD590 | 2N6126 | 0 |
| 2SE434／Y | PS | TOPEE | 132 | 60 V | 50 V | 5 V | 3 A | 150C | 25 WC | 1 M | 120 MN | 5 COMA | AHG | TOS | B6590 | 2N6126 | 0 |
| 258435 | PS | TOP 66 | 132 | 45 V | 35 v | 5 V | 3A | 150 C | 25WC | 1 M | $40 / 240$ | 500 MA | AHG | IOS | B0590 | 2N6126 | 0 |
| 二SE435／R | PS | TOP66 | 132 | 45 V | 35 V | 5 v | 3 A | 150 C | 25 WC | 1 M | 40／80 | 500 mA | AHG | Tos | BD590 | 2N6126 | 0 |
| 2S8435／0 | PS | T0P66 | 132 | 45 V | 35 V | 5 V | 3 A | 150 C | 25 WC | 2 M | 70／140 | 500 ma | AHG | Tos | 80590 | 2N612\％ | 0 |
| 2S8435／Y | PS | TOP6 | L32 | 45 V | 35 V | 5 V | 3 A | 150C | 25 hC | 1 N | 120 MN | 50 CMA | AHG | 105 | B6590 | 2N6126 | 0 |
| 25E439 | PG | 101 | LC2 | 30 V |  | 12 V | 150NA | 750 | 150 MWF | 8 COK 50 P | 70／270 | 1 MA | ALN | ICS | AC107N |  | 0 |
| $2 S 8440$ | PG | TO1 | L02 | 30 V |  | 12 V | 150 MA | 750 | 150 MHF | 800 K 50 P | 70／270 | 1 MA | ALN | ros | $A C 10$ in |  | 0 |
| 2SB443A | PG | 101 | 102 | 18 V | 12 v | 12 V | 10 Na | 850 | 100 MFF | 1 N | 110 TP | ima | ALN | HIJ | AC 107 N |  | 0 |
| 2584438 | $P \mathrm{PG}$ | T01 | L02 | 18 V | 12 V | 12 V | 10 NA | 85 C | 100 MWFL | 1500x | 19.0 P | 1 MA | ALN | HIJ | AC107A |  | 0 |
| 258444A | PG | 101 | LC2 | 2 Ev | 12v | 12V | 10 MA | 85 C | 100 MWF | 1 N | 120tp | 1NA | ALN | HIJ | AC107A |  | － |
| 2584448 | PG | T01 | LC2 | 18 V | 12 V | 12 V | 1 CNA | 850 | 100MWF | 1 M | $2001 p$ | 1MA | ALN | cbs | AC 107 A |  | 0 |
| 2 SE 445 | PG | $\times 03$ | 105 | 40 V | 32 v | 1 V | 1500MA | $85 C$ | 10 WC | 750k | 40／200 | 1 A | AHG | FUJ | AD162 | 2N2835 | 0 |
| 258446 | PG | $\times 03$ | 105 | 6 CV | 40 v | Iv | 1500 mA | 85 C | 10 chC | 750 K | 401200 | 14 | AHG | FUJ | AD162 | 2N2835 | 0 |
| 2\＄3447 | PG | 103 | L05 | 220 V |  | 3 V | 64 | 85 C | 45 WC | 700k | 15／50 | 64 | RHH | FUJ | AUl 06 |  | 0 |
| 258448 | PG | $\times 03$ | L05 | 32 V |  | 10 V | 1 A | 85C | 13 WC | 300k | 30／110 | 1 A | AHG | MAT | AD162 | 2N2835 | 0 |
| 258449 | PG | 103 | 105 | 50 V | 32 V | 20 V | 3500 ma | 1006 | 22 WC | 200k | 20／85 | 3 A | AHG | MAT | AS216 | 2N1536 | 0 |
| 258450 | PG | 101 | L02 | 25 V | 25 v |  | 500 mA | 756 | 200 MWF |  | 120 TP | 150 MA | AMG | OBS | AC128 | 2N2706 | 0 |
| 2S8450A | PG | 101 | 102 | 32 V | 32 v |  | 500ma | 75 C | 200 MhF |  | 12019 | 15 cma | AMG | O8S | ACl28 | 2N2706 | 0 |
| 258451 | PG | 105 | L04 | 25 V | 18 V | 6 V | 1 A | 85C | 300 MWF | 400k | 80 TP | 150 mA | AMG | OBS | ACYI7 | 2N1176 | 0 |
| 2SE452 | PG | 105 | LC4 | 25 V | 25 V | 6 v | 1 A | 85 C | 300 MmF | 400k | 1507 P | 150 MA | AMG | OBS | ACYI7 | 2N1176 | 0 |
| 2584524 | PG | tos | LC4 | 32 V | $25 v$ | 6 V | 14 | 85 C | 30 CMWF | 400 K | 15019 | 150 ma | $A^{\prime N}$ | CBS | AC Y 17 | 2N1176 | 0 |
| $2 \mathrm{SB4} 53$ | PG | 105 | 104 | 25 V | 25 V | 6 V | 1 A | 85 C | 250 MWF | 700k | 12019 | 1 coma | AMG | 0 BS | ACY17 | 2N1176 | 0 |
| 258454 | PG | 105 | LC4 | 25 V | 25v | 6 V | 14 | 85 C | 25 cmWF | 700k | 12019 | lcoma | AMG |  | ACY17 | 2N1176 | 0 |
| $2 S 8455$ $2 S B 457$ | PG | 105 | L04 | 25 V | 25 V | 6 V | 1 A | 85C | 250 MWF 150 MWF | 700K | litip | 100 ma 150 ma | AMG | OBS | ACY1 AC128 | 2N1176 2N2706 | － |


| TRANSISTOR NUMBER | $\left\|\begin{array}{c} \mathrm{PM} \\ \mathrm{OA} \\ \mathbf{I T} \end{array}\right\|$ | $\begin{aligned} & \text { PACK- } \\ & \text { AGE } \end{aligned}$ | $\left\lvert\, \begin{array}{\|c\|c\|c\|} \hline \text { LEAD } \\ \text { NFOO } \end{array}\right.$ | $\begin{aligned} & \text { VCB } \\ & \text { MAX } \end{aligned}$ | vCE | $\begin{aligned} & \text { VEB } \\ & \text { MAX } \end{aligned}$ | $\underset{\text { max }}{1}$ | $\begin{gathered} \mathbf{T} \\ \mathbf{~ M A X} \end{gathered}$ | тот | $\begin{array}{ll} F_{\mathrm{T}} & \mathbf{C}_{0} \\ \text { MIN } & \text { MAX } \end{array}$ | $\mathrm{H}_{\mathrm{FE}}$ | $\underset{\text { BIAS }}{\mathrm{H}_{\text {FE }}}$ | USE | MFR | EURO EOVT. | $\begin{aligned} & \text { USA } \\ & \text { EQVT. } \end{aligned}$ | ISS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 258457A | PG | 101 | 102 | 32 V | 244 | 6 V | 500 mA | 85 C | 150MHF | 300K | 1107P | 150 ma | AMG | M1T | AC128 | 06 | 0 |
| 258458 | PG | $\times 03$ | 105 | 25 V | 18. | 12 V | 14 | 85 C | 800 MHF |  | $28 / 210$ | 500 MA | AHG | OBS | AD162 | 2N2835 | 0 |
| 2S8458.A | PG | $\times 03$ | 105 | 45 V | 324 | 12V | 1 A | 856 | 800 |  | 28/210 | 500 MA | AHG | OBS | A0162 | 2N2835 | 0 |
| 2584588 | ${ }^{P}$ | $\times 03$ | 105 | 100 V | 60 V | 12 V | 14 | 85 C |  |  | 28/210 | 500 ma | AHG | OBS | AD162 | 2N2835 | 0 |
| 258459 | PG | 101 | 102 | 30 V | 184 | 2 V | MA | 85C | 12 |  | 180TP | 1 MA | ALG | HIS | AC125 | 2N406 | 0 |
| 2S8460 | PG | 101 | 102 | 40 V | 254 | 2 V 5 | 50 MA | $85 C$ | 120 MWF |  | 1801 | 1 MA | ALG | HIJ | AC 125 | 2N406 | 0 |
| 258461 | PG | 105 | 104 | 35 V | 24. | 12 V | 400 MA | 75 C | 300MWF | 500k | 801 | 400 MA | AMG | TOS | AC 117 | 2N1176 | 0 |
| 258463 | PG | 1066 | 143 | 32 V |  | 12 V | 2 A | 85 C | WC | 400k | 30/250 | 500 MA | AHG | ros | AD162 | 2N2835 | 0 |
| 2S8463/R | PG | 1066 | 143 | 32 V |  | 12 V | 2 A | 856 | 6 WC | 400k | $30 / 60$ | 500 MA | AHG | tos | AD162 | 2N2835 | 0 |
| 258463/Y | PG | 1066 | 143 | 32 V |  | 12 V | 2 A | 85 C | WC | 400k | 50/100 | 500 ma | AHG | IOS | AD162 | 2N2835 | 0 |
| $258463 /$ | PG | 1066 | 143 | 32 V |  | 12V | 2 A | 850 | 6 WC | 400k | $85 / 250$ | 500 MA | AHG | ros | AD 162 | 2N2835 | 0 |
| 258464 | $P G$ | 103 | 105 | 100 V | 60 V | Iv | 6 A | ${ }^{85 C}$ | 30 WC | 700k | 30/170 | 1 A | RHG | OBS | AL103 | 2N2147 | 0 |
| 258465 | PG | 103 | 105 | 60 V | 40 V | 1v | 6 A | 85 C | 30 WC | 700 K | 30/170 | 14 | RHG | OBS | Al103 | 2N2147 | 0 |
| 258466 | PG | $\times 03$ | 102 | 40 V | 304 | 12 V | 500ma | ${ }^{85 C}$ | 12 WC | 150 K | 25/150 | 500MA | AHG | fu | AD162 | 2N2835 | 0 |
| 258467 | PG | $\times 03$ | 105 | 60 V | 40 V | 12 V | 500 MA | 85C | WC | 150K | 25/150 | 500 mA | AHG | UJ | AD162 | 2N2835 | 0 |
| 258468 | $P G$ | 103 | 105 | 200 V | 904 | 125 | 10 A | 850 |  |  | 14/1 | 4 A | RHH | HIJ | AUl06 |  | 0 |
| 2SB468A | PG | 103 | 105 | 270 V | 904 | 1 V 5 | 104 | 85 C | 2 wC |  | 14/130 | 4 A | RHH | HIJ | AU106 |  | 0 |
| 258470 | PG | 101 | L02 | 25 V | 18 V | 2 v | 50 mA | 85 C | 80 MHF |  | 160TP | 1 MA | ALG | fus | AC125 | 2N406 | 0 |
| 258471 | PG | 103 | 105 | 60 V | $45 v$ | 10 V | 10 A | 85 C | 40 HC | 120k | 50/165 | 1 A | AHG | HIJ | AS216 | $2 N 1536$ | 0 |
| 2584714 | PG | 103 | 105 | 60 V | 45 V | 10 V | 10A | 85 C | 40 WC | 120k | 50 TP | 14 | A | OBS | AS216 | 2N1536 | 0 |
| 25 | PG | 103 | 105 | 60 V | 45 | 10 V | 104 | 850 | 40 WC | 120k | botp | 1 A | AHG | obs | AS216 | 2N1536 | 0 |
| 258472 | PG | 103 | L05 | 60 V | 45 V | 10 V | 104 | 85 C | 40 HC | 120k | 50/165 | 1 A | AHG | HIJ | ASE16 | 2N1536 | 0 |
| 2S8472A | PG | 103 | 105 | 80 V | 50 V | 10 V | 10a | 85 C | 40 HC | 120k | 50TP | 1 A | AHh | OBS | A S215 | 2N1533 | 0 |
| 2SE472B | PG | 103 | 105 | 80 V | 504 | 10 V | 10 A | 85 C | 40 HC | 120K | 801 P | 14 | AHH | OBS | AS215 | 2N1533 | 0 |
| 2S8473 | PG | $\times 03$ | 105 | 32 V |  | 6 V | 14 | 85 C | H |  | 40/180 | 500 MA | AHG | Mat | AD162 | 2N2835 | 0 |
| 258474 | PG | 103 | 105 | 35 V | 24 V | 6 V | $2 A$ | 85 C | 12 WC | 250k | 50/275 | 200 ma | AHG | San | AS216 | 2N1536 | 0 |
| 25847 | PG | 101 | L02 | 20 V | 10 V | 6 V | 300ma | 75 C | 150 MWF | 200k | 757 P | 50 MA | AMG | MAT | AC128 | 2N2706 | 0 |
| 25847 | PG | 1039 | 104 | 20 V | 10 V | 6 V | 2 A | 85 C | 250 MLF | 600k | 757 | 2 A | AHG | Mat | ACY17 | 2N1176 | 0 |
| 258477 | PG | 1036 | 113 | 30 V | 15 V | 15 V | 30 A | 85 C | 80 WC |  | $20 / 130$ | 15 A | AHG | OBS | AD 212 | 2N1100 | 0 |
| 258478 | PG | 1036 | 113 | 60 V | 30 V | 30 V | 30 A | 85 C | WC |  | $20 / 130$ | 15 A | AHG | 085 | AD212 | 2N1100 | 0 |
| 2584 | PG | 1036 | 113 | 80 V |  | 40 V | 30 A | 85 C | 80 WC |  | 20/13 | 15A | AHG | OBS | AD212 | 2N1100 | 0 |
| 258480 | PG | 1036 | 113 | 100 V | 80 V | 80 V | 30 A | 85 C | 80 WC |  | 20/130 | 15 A | AHG | OBS | AD212 | 2N1100 | 0 |
| 258481 | PG | $\times 03$ | L05 | 32 V |  | 10 V | 1 A | 85 C | ${ }^{6} \mathrm{WC}$ | 200k | $30 / 110$ | 1 A | AHG | Mar | AD162 | 2N2835 | 0 |
| 258482 | PG | 101 | 102 | 25 V | 20 V | 12V | 50 MA | 85 C | 120 MWF | 3 H 12 P | 2007 TP | 1 MA | RLG | TOS | OC44N | 2N2614 | 0 |
| 258486 | PG | tol | L02 | 25 V | 20 V | 12 V | 50 mA | 85 C | 120 MmF | 3M 12P | 200tP | 1 MA | RLG | ros | OC4 | 2N2614 | 0 |
| 25848 | PG | oes | ObS | 30 V | 20 V | 2 V 5 | ma | 85 C | W | 500k | $30 / 150$ | 0 mA | AHG | FuJ | AD 162 | 2N2835 | 0 |
| 258488 | PG | obs | obs | 60 V | 30 V | 12 V | 500 A | 85 C | 5 WC | 500k | 30/150 | 300 MA | AHG | FUJ | AD162 | 2N2835 | 0 |
| 258492 | PG | 1039 | 104 | 25 V | 18 V | 6 V | 2 A | 856 | 6 WC | 350 K | 110 TP | 200 MA | AMG | SAN | ACY17 | 2N1176 | 0 |
| 258493 | PG | 108 | 412 | 40 V | 204 | 10 V | 5 A | 85 C | 9 wC | 300k | 40 MN | 3 A | AHG | Mat | AD136 | 2N1184 | 0 |
| 258494 | PG | tol | 102 | 25 V | 18 V | 6 V | 1 A | 85 C | 200MWF | 400k | 38 mN | 150 MA | AMG | MIt | AC128 | 2N2706 | 0 |
| 2S849 | PG | ro1 | 102 | 25 V |  | 6 v | 1 A | 85 | 200MWF | 40 | 11 | MA | AMG | MIT | AC 128 | N2706 | 0 |
| 2584954 | PG | T01 | 102 | 32 V | 25 V | 6 V | 1 A | 85 C | 200 | 400 K | 110 Tp | 150 MA | AMG | MIT | AC 128 | 2N2706 | 0 |
| 258496 | PG | 101 | 102 | 25 V | 18V | 2 V | 250 MA | 85 C | 600 MLH | 800 K | 60 MN | 50 MA | AMG | HIJ | AC128 | 2N2706 | 0 |
| 258497 | PG | oes | 085 | 20 V | 15v | 2 5 | 30 MA | 85 C | 65 MWFP | 200k | 901 P | 1 MA | ALN | FUJ | AC107 |  | 0 |
| 2S8504 | PS | T039 | 405 | 80 V | 60 V | 10 V | 3 A | 185C | 1 WF |  | 40/300 | 500 Ma | AMH | NIP | BF593 | 2N4037 | 0 |
| 258505 | PS | 1037 | 147 | 80 V | 60 V | 10 V | 3 A | 1850 | 1wF |  | 40/300 | 500 ma | AHG | NIP |  | 2N2197 | 0 |
| 258506 | PS | 103 | 105 | 15 cV | 100 V | 7 V | 7500 MA | 185C | Onc |  | 35/200 | 1 A | RHH | NIP | AL103 | 2N1100 | 0 |
| $2 \mathrm{SB5} 07$ | PS | TOP66 | L32 | 60 V | 60 V | 5 V | 3 A | 150 C | 30 | 4 M | 40/320 | 1 A | AHH | SAN | 80590 | 2N6126 | 0 |
| 255508 | PS | T0P66 | L32 | 60 V | 60v | 5 V | 3 A | 150C | 30 H | 4 M | 40/320 | 1 A | AHH | SAN | 80590 | 2N6126 | 0 |
| 2S8511 | PS | TOP 66 | 132 | 35 V | 35v | 5 V | 500 MA | 150 C | 10 WC | 4M | $40 / 320$ | 1 A | AHG | SAN | BD590 | 2N6126 | 0 |
| 2 SES 14 | PS | TOP6 | 132 | 50 V | 50 V | 5 V | 2 A | 150 C | 20 WC | 4 M | $40 / 320$ | 1 A | AHG | San | 80590 | 2N6126 | 0 |
| $2 \mathrm{SCl1}$ | NG | 101 | 104 | 18 V |  | 12 V | 24 MA | 75C | 55 MWF | 2N 15 P | 22 MN | 1 MA | RLG | OBS | ASY29 | 2N1304 | 0 |
| $2 \mathrm{SC12}$ | NS | T05 | L04 | 60 V |  | 8 V | 250 MA | 150 C | 700 MWF | 8 M | 201P | 200 mA | AMG | OBS | BFY50 | 2N2297 | 0 |
| $2 \mathrm{SCl}^{2}$ | NG | T05 | LC4 | 18 V |  | 12 V | OMA | 750 | 65 MWF | 3 M 15 P | 501p | 24 MA | AL S | OBS | ASY29 | 2N1304 | 0 |
| $2 \mathrm{SCl}_{4}$ | NG | 105 | 104 | 18 V |  | 12 V | 40 MA | 750 | 65 MWF | 8 M 15P | 100TP | 24 MA | RL | OBS | ASY29 | 2N1304 | 0 |
| 2 SC 15 | ns | 105 | 104 | 30 V | 20 V | 5 v | 50 ma | 1750 | 1 wF | 80\% 4P | 60 m | 10 MA | RLG | 0 SS | BSW24 | 2N22 | - |
| 2SC15/0 | NS | 105 | 104 | 30 V | 20 V | 5 V | 50 MA | 175C | 1wF | $80 \mathrm{M} \mathrm{4P}$ | 60 MN | 10 MA | RLG | 0 OS | BSH24 | 2N2219A | A |
| 2SC15/1 | NS | 105 | 104 | 60 V | 30 V | 5 V | 50 MA | 175C | 1 wF | 80 M | 60 MN | 10 MA | RLG | OBS | BSN24 | 2N2219A | A |
| 2SC15/2 | NS | 105 | L04 | 90 V | 45 V | 5 V | 50 ma | 1756 | 1wF | 80M 4P | 60 MN | 10MA | RLG | OBS | BSH24 | 2N2219A | $A^{\circ}$ |
| 2SC15/3 | As | 105 | L04 | 120 V | 60 V | 5 V | 50 MA | 175C | 1 WF | 80 M | 60MN | 10MA | RLG | OBS | BSW24 | 2N2219A | A 0 |
| $2 \mathrm{SC16}$ | NS | 1018 | 101 | 25 V | 20 V | 5 V | 30 ma | 175 C | 250 MmF | 100\% 7P | $251 p$ | 10 mA | ALG | OBS | BC107 | A157 | 0 |
| $2 \mathrm{SC16A}$ | NS | 1018 | LC1 | 25 V | 204 | 5 V | 30 MA | 175C | 250 MWF | 100 M 7 p | 307 P | 1 cma | AlG | OBS | BC107 | A157 | 0 |
| $2 \mathrm{SCl}^{2}$ | NS | 1018 | L01 | 20 V | 20 V | 5 V | 50 MA | 1750 | 25 MWF | 80M 7P | 30 TP | 2 ma | ALG | OBS | BC 107 | A157 | 0 |
| 2SC17A | NS | 1018 | L01 | 25v | 20 V | 5 V | 50 MA | 175C | 250 MkF | 80N 7P | 3019 | 10 mA | ALG | OBS | BC107 | A157 | 0 |
| 2SC18 | NS | 1018 | L01 | 20 V | 20 V | 2 V | 30 MA | 1750 | 250MAF | 20M 10P | $12 T \mathrm{P}$ | IMA | ALG | OBS | BC107 | A157 | 0 |
| 25 Cl 9 | NS | T05 | L04 | 40 V |  | 5 V | 400 MA | 150C | 600MkF | 10 M 50 P | 501P | 150 MA | AMG | ObS | bFY50 | 2N 2297 | 0 |
| $2 \mathrm{SC20}$ | NS | 105 | 104 | 40 V |  | 3 V | 400 MA | 150 C | 600MWF | 10M 50P | 501 P | 150MA | AMG | OBS | BFY50 | 2N2297 | 0 |
| 2 SC 21 | NS | 103 | L05 | 60V | 60 V | 5 V | 2 A | 150C | 63 k |  | 25MN | 1 A | AHG | OBS | BDY20 | 2N3055 | 0 |
| 2 SC 22 | NS | 108 | L12 | 75 V | 50 V | 5 5 | 500 MA | 1656 | 13 WC | 50 M | $20 / 100$ | 150 MA | VHG | NIP |  | 2N2782 | 0 |
| $2 \mathrm{SC23}$ | NS | T08 | L 12 | 75 V | 50 V | 5 V | 500 MA | 165C | 13 WC | 50 M | 20/100 | 150 mA | VHG | NIP |  | 2N2782 | 0 |
| 25 C 24 | NS | 108 | 112 | 100V | 70 V | 5 v | 500MA | 165C | 13 WC | 50M | 20/100 | 150MA | VHH | NIP |  | 2N2782 | 0 |
| 25 C 27 | NS | 105 | 104 | 60 V |  |  | 100 mA | 150 C | 500 MkF | $60 \mathrm{M} \mathrm{8p}$ | 501 P | 10 mA | ALG | fus | bFY50 | 2N2297 | 0 |
| $2 \mathrm{SC28}$ | NS | 105 | 104 | 100 V | 45 v | $5 v$ | 1 A | $150 C$ | 600 MHF | 40 M 20 P | $20 M \mathrm{~N}$ | 1 MA | AMH | FUS | BSW66 | 2N1893 | 0 |
| $2 \mathrm{SC29}$ | NS | 105 | L04 | 40 V |  |  | 25 MA | 150 C | 115 MLF | 40M ${ }^{\text {m P }}$ | 307 P | 10 ma | ALG | FUJ | BFY50 | 2N2297 | 0 |
| $2 \mathrm{SC30}$ | NS | 105 | 104 | 60 V | 30 V | 5 V | 80 MA | 165C | 500 MWF | 140M 8P | 45 TP | 1 OMA | RLG | NIP | BSW54 | 2N2219 | 0 |
| 2SC31 | NS | 105 | 104 | 60 V | 25v | 5 v | 200mA | 165C | 750 MWF | 100M 8P | 35 TP | 10 MA | AMG | NIP | BFY50 | 2N2297 | 0 |
| $25 C 32$ | NS | 105 | 104 | 60 V | $25 v$ | 5 V | 200MA | $165 C$ | 750 MWF | 125M 8P | 601P | 10 MA | AMG | NIP | BFY50 | 2N2297 | 0 |
| 2 SC 32 A | NS | T05 | L04 | 60 V | 25 V | 5 V | 200 MA | $175 C$ | 750 MmF | 100M 8P | 601P | 10 MA | AMG | OBS | BFY50 | 2N2297 | 0 |
| $25 C 33$ | NS | T05 | L04 | 45 V | 20 V | 3 V | 50 mA | 165 C | 150 MHF | 125M 5P | 55 TP | 5 MA | RLG | NIP | BSW54 | 2N2219A | A 0 |
| $2 \mathrm{SC34}$ |  | $\times 1$ | L03 | 20 V |  | 20 V | 250 MA | 75C | 140 MHFB | 500k | $301 p$ | 00M |  |  | AC176 | 2N2430 |  |



| TRANSISTOR | $\begin{aligned} & \text { PM } \\ & \text { OA } \\ & \text { LT } \end{aligned}$ | $\begin{aligned} & \text { PACK- } \\ & \text { AGE } \end{aligned}$ | $\left.\begin{array}{\|l\|l\|} \hline \text { LEAD } \\ \text { INFO } \end{array} \right\rvert\,$ | vCB MAX | VCE MAX | VEB MAX | ${ }_{\text {MAX }}^{\mathbf{c}}$ | ${ }^{T}$ J MAX | тот | $\begin{array}{ll} F^{T} & C_{O B} \\ \text { MIN } & \text { MAX } \end{array}$ | $\mathbf{H E}_{\text {FE }}$ | $\begin{gathered} \mathrm{H}_{\mathrm{FE}} \\ \text { BIAS } \end{gathered}$ | USE | MFR | $\begin{aligned} & \text { EURO } \\ & \text { EQVT. } \end{aligned}$ | $\begin{aligned} & \text { USA } \\ & \text { EQVT. } \end{aligned}$ | ISS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2SC112 | NS | 105 | 104 | 40 V | 20 V | 5 V | 200NA | 175 C | 750 MmF | ON 14 P | 35 NN | 2 COMA | AHG | 08 S | BFYSO | 2N 2297 | 0 |
| $2 \mathrm{SCl13}$ | NS | 105 | LC4 | 50 V | 25 V | 5 v | 200 MA | 175C | 750 MWF | 80 M 14 P | 35 MN | 200 MA | AH | 0 ES | BFY50 | 2N2297 | 0 |
| $2 \mathrm{SCl1} \mathrm{\epsilon}$ | NS | 105 | L04 | 50 V |  | 5 V | 200NA | $175 C$ | 750 MWF | 35 M 40 P | 4 TP | ICNA | AN | H1 J | BFY50 | 7 | 0 |
| $2 \mathrm{SCl16T}$ | ns | 1039 | LC4 | 75 V | 50 v | 5 V | 200NA | 175C | 750 MWF | 60 M 30 P | 9MN | 200 M | AMH | HIJ | BSWGE | 93 | 0 |
| $2 \mathrm{SC117}$ | ns | 108 | 112 | 75 V | 50 V | 5 V | 600ma | 175C | 2W | 60 P | OTP | 30 M | VHG | 08 |  | 2N2782 | 0 |
| 2SC118 | NS | 108 | L12 | 80 V | sow | 5 V | 600 ma | 1750 | 2 wF | 35 N 60 P | 101 P | 3 CNA | VFG | OBS |  | 2N2782 | 0 |
| $2 \mathrm{SC119}$ | ns | 108 | L12 | 75 v | 50 V | 5 V | G00NA | 175C | 2WF | 35M 60P | 101 P | 3 cma | VHG | OBS |  | 2N2782 | 0 |
| 2SC120 | NS | 1039 | L04 | 40 V |  | 1 v | 25 MA | 1750 | 250 NWF | 103M 8P | $40 T \mathrm{P}$ | $50 \cup 4$ | ALN | OBS | BC | A159 | 0 |
| 2SC121 | NS | 1039 | 1.04 | 40 V | 25 V | IV | 25 Na | 175C | 250 MhF | 100N 8 P | 401 P | 1 MA | ALG | OBS | BC107 BC107 | A157 | 0 |
| zSC122 | ns | T039 | 104 | 40 V | 25 V | Iv | 25NA | 175C | 250 MWF | 100 3p | 90т | MA | ALG | ces | BC107 | A157 | 0 |
| 2SC123 | NS | TC39 | L04 | 40 V | 25 V | 1 V | 25 NA | 175 C | 250 MmF | 100M 8P | 140 TP | 1 Na | ALG | OBS | BC107 | A157 | 0 |
| $2 \mathrm{SC124}$ | NS | 1039 | LC4 | 40 V | 25 V | Iv | 25 MA | 175C | 250 MWF | 100 M 8P | 40 TP | $50 \cup 4$ | ALH | ORS | BC 109 | A159 | 0 |
| 2SC127 | ns | 1039 | 104 | 20 V |  | 1 V | 25 MA | 1756 | 250 NWF | 100 M 8P | 150 TP | 1 MA | ALG | CBS | BC107 | A157 2N 1304 | 0 |
| 2SC128 | NG | 105 | 104 | 30 V | 25 V | 20 V | 100 MA | 750 | 125 NmF | 3 N 35 P | 3018 | 100 ma | RMS | MAT | ASY29 | 2N1304 2N1304 | 0 |
| $2 \mathrm{SC1} 29$ | NG | 105 | L04 | 25 V | 20 V | 20 V | 100ma | 750 | 125 MmF | 4N 35P | 4519 | l COMA | RMS | Mat | ASY29 | 2N1304 | 0 |
| 2SC130 | NS | 108 | 112 | 60 V | 50 V |  | 400 Ma | $175 C$ | 800 MWF | 909 | 20/150 | 2 CMA | VHG | FUJ |  | 2N2782 | 0 |
| 2 SCl 131 | ns | 1018 | L01 | 40 V | 24 V | 5 V | 300 Na | 1750 | 350 MWF | 175 N 8p | 60TP | 10MA | RNG | FUJ | BSW64 | 2N2222A | 0 |
| 2 SC 132 | as | 1018 | 101 | 20 V | 15 v | 5 V | 300ma | 1750 | 350 MWF | 175 N ¢P | 6019 | 10 MA | RMG | FUJ | BSW64 | 2N2222A | 0 |
| 2SC133 | NS | 1018 | L01 | 20 V | 15 V | 5 V | 300 MA | 175 C | 35 CMWF | 175 N 8p | 6019 | 10 MA | RMG | FUJ | BSW64 BSW64 | 2N2222A | 0 |
| $2 \mathrm{SC134}$ | NS | 1018 | LO1 | 40 V | 24 V | 5 v | 300 ma | 175 C | 350 MhF | 175 M 8P | $60 T \mathrm{P}$ | 10 MA | RMG | fu | BSW64 | 2N2222 | 0 |
| 2SC135 | NS | 1018 | LO1 | 20 V | 15 V | 5 v | 300ma | 175C | 350 NWF | 175 M 8P | 60Tp | 10 Ma | RNG | FUJ | BSW64 | 2N2222A | - |
| 2SC136 | NS | T018 | LCl | 80 V | 45 v | 5 V | 300ma | 1756 | 350 MmF | 175 N 8 P | 60tp | 10 MA | RNG | FUJ | BSW64 | 2N2222A | 0 |
| <SC137 | AS | 1018 | 1.01 | 25 V | 15 V | 5 V | 300 Ma | 175 C | 350 MmF | 175 N 9P | 501 P | 10 NA | RMG | FUJ | BSW64 | 2N2222A | 0 |
| 2SC138 | NS | 1012 | LCS | 60 V | 30 V | 5 V | 500 MA | 175 C | 80 CMWF | 200M 8P | 501 T | 30 MA | RMG | NIP | BSW54 BSW54 | 2N2219A | 0 |
| 25C1384 | NS | 1012 | 109 | 60 V | 35 V | 5 V | 500 Na | 1750 | 800 MhF | 200M 8P | 50 TP | 30 MA | RNG | NIP | BSW54 | 2N2219 | 0 |
| 2SC139 | ns | 1012 | 05 | 60 V | 30 V | 5 V | 500 ma | 1756 | \&COMWF | 200N 8P | 5019 | 30 MA | RMG | NI ${ }^{\text {P }}$ | 8SW54 | 19 A | 0 |
| 2 SC 140 | NS | 105 | LC4 | 60 V |  | 5 V | 1 A | 1756 | 170 CMwF | 80N 25P | 30 TP | 50 MA | A | OBS | BFY50 | 2N2297 | 0 |
| 2SC147 | NS | ros | L04 | 30 V |  | 5 V | 1 A | 175 C | 2700 MmF | SON 25 P | 2410 | 50 mA | AHG | OBS | BFY50 | 2N2297 | 0 |
| $2 \mathrm{SC149}$ | ns | 1039 | LC4 | 120 V | 60 V | 6 V | 300NA | 175C | 800MWF | 80M 258 | 507 P | 150 MA | AMM | NIP | BSW6t | 2N1893 | 0 |
| 2SC150 | NS | 105 | L04 | 20 V |  | 5 V | 100 MA | 175 C | 750 MWF | $40 \mathrm{M} \mathrm{12P}$ | 501 T | 10 MA | $A^{\prime} \mathrm{E}$ E | HIJ | BFY50 | 2N2297 | 0 |
| 2 SC 150 H | NS | 103 | 104 | 20 V |  | 5 V | 100MA | 175C | 750 NWF | 160~ 12 P | 20 MN | 10 MA | RMS | HIJ | BSWS4 | 19 A | 0 |
| 2SCL5CT | NS | 105 | LC4 | 50 V | 25 V | 5 v | 100 mA | 175 C | 75 CMWF | 75~120 | 501 P | 10 ma | AM G | HIJ | BFY50 | 2N2297 | 0 |
| 2SC151 | NS | 105 | LC4 | 40 V |  | 5 V | 100NA | 175C | 75 cmhF | 6.3 12P | $50 T P$ | 10 MA | ANG | HIJ | BFY50 | 2N2297 | 0 |
| 2SC151H | $n s$ | 1039 | 104 | 40 V |  | 5 V | 100 mA | 1750 | 750MWF | 160 M 12 P | 20 MN | 10 MA | RM | HIJ | BSW54 | 2N2219 | 0 |
| $2 \mathrm{SC152}$ | as | 105 | 104 | 60 V |  | 5 V | 100 ma | 175C | 750 NWF | 75 M 129 | $50 T \mathrm{D}$ | 10 MA | RMS | HIJ | BSW54 | 2N2219 | 0 |
| 2 SCl 152 t | NS | T03s | L04 | 60 |  | 5 V | 100NA | 175C | 750 MwF | 160 N 12 P | 20N | 10 MA | RMS | HIJ | BSW54 | 2N2219A | 0 |
| $2 \mathrm{SCl54}$ | NS | 105 | $1{ }^{1} 4$ | 120 V | 70 V | 5 v | 10 | 175C | 750 NWF | 120M 60P | 11 TP | 1 CMA | AL H | HIJ | BFY65 | 2N1990 | 0 |
| 2SC154H | NS | 105 | 104 | 120 V | 70 V | 5 V | 100 MA | $175 C$ | 750 MWF | 80 M | 35 MN | 10 Na | ALH | HIJ | BFY65 | 2N1990 | 0 |
| 2 SCl 166 | As | 101 | L02 | 30 V | 20 V |  | 100 NA | 150 C | 200 MFF | 10N 35 P | 105TP | 3 MA | ALG | OBS | BC107 | A157 | 0 |
| 2SC167 | AS | T01 | L02 | 30 V | 20 V |  | 100MA | 1506 | 200 MWF | 10N 35P | 1057 P | 3 MA | al G | OBS | BG107 | A157 | 0 |
| 2 SC170 | NS | 1018 | LO1 | 25 V | 20 V | 3 V | 50NA | 175 C | 11 CMmF | $120 \mathrm{M} \mathrm{8P}$ | 601 P | 1 CmA | ALG | FUJ | BC107 | A157 | 0 |
| $2 \mathrm{SC171}$ | AS | 1018 | LCl | 25 V | 20 V | 3 V | 50 NA | 1750 | 200 MWF | 120M 8P | 60TP | 10 MA | AL G | FUJ | BC107 | A157 | 0 |
| $2 \mathrm{SC17}$ | AS | 1018 | LC1 | 25 v | 20 V | 5 V | 50 MA | $175 C$ | 300 MW | 175M 9P | G01P | 10 MA | ALG | FUJ | BC 107 | A157 | 0 |
| 2SC172A | NS | T018 | LC1 | 4 cV | 20 V | 5 V | 5 CmA | 2006 | 360 MWF | 175 N 12 P | 6019 | 10 MA | RLG | FUJ | BSW64 | 2N2222A | 0 |
| 2SC173 | $\wedge \mathrm{A}$ | $\times 01$ | L03 | 15 V |  |  | 5NA | 75 C | 30 MWF | 10 N 4 P | 417 P | 1 MA | RLG | 0 SS | ASY29 | 2N130 | - |
| $2 \mathrm{SC174}$ | NS | 1072 | 106 | 30 V |  | 5 v | 25 MA | 175C | 200 MwF | 35M 3P | 4510 | Na | VLA | FUJ | BF× 73 | 2N918 | 0 |
| 2SC174A | NS | 1072 | 106 | 60 V |  | 5 V | 25 NA | 175C | 200 MWF | 100M 3P | 45 TP | 2 MA | VLA | FIJ | BFX73 | 2N918 | 0 |
| 2SC175 | AG | $\times 01$ | 103 | 15 V |  |  | 5MA | 750 | 30 M | 5 N 4 P | 24 TP | 1 MA | RL | ORS | AS Y29 | 2N1304 | 0 |
| 2SC176 | NG | $\times \mathrm{Cl}$ | L03 | 15 V |  |  | 5 M | 75 C | 30 | 4 D | $24 T 0$ | 1 MA | RLG | OeS | ASY29 | 2N1304 | 0 |
| 2SC177 | NG | $\times 01$ | 103 | 15 V |  |  | 5NA | 75 C | 30 | 4 H 4 P | 24 TP | 1 MA | RLG | OBS | ASY29 | 2N1304 | 0 |
| $2 \mathrm{SC178}$ | nG | $\times 01$ | 103 | 15 V |  |  | 6MA | 750 | 30 NF | 10 M 3 P | 49 TP | 1 MA | RLG | OBS | ASY29 | N1304 | 0 |
| $2 \mathrm{SC179}$ | NG | 101 | LC2 | 25 V |  | 20 V | 200MA | 85 C | 120 MWF | 1 N 40 P | 20 MN | 20 MA | $A^{M} \mathrm{G}$ | HIJ | AC 176 | 2N2430 | 0 |
| 2SC180 | $\wedge \mathrm{N}$ | 101 | 102 | 25 V |  | 20V | 400 MA | 85 C | 120 MmF | 2N 40 P | 20 MN | 200 MA | AMG | HIJ | AC176 | 2N2430 | 0 |
| 2SC181 | NG | 101 | LC2 | 25 V |  | 20 V | 400 MA | 85 C | 12 CNWF | 4 N 40 P | 20 MN | 2 CMA | AMS | HIJ | AC176 | 2N2430 | 0 |
| 2SC182 | NG | T05 | L04 | 25 V | 20 V | 20 V | 100 NA | 75 C | 125 MMF | 3 M | 45 TP | 100 ma | RNS | IP | A SY29 | 2N1304 | 0 |
| 2SC186 | $\wedge S$ | 101 | L02 | 20 V | 15 v | 2 V | 25MA | 125 C | 85 MWF | 125 M PP | $40 T P$ | 2MA | ALG | fuJ | BC107 | A157 | - |
| 2SC187 | NS | 101 | L02 | 20 V | 15 V | 2 V | 25 MA | 1256 | 85 NWF | 125N 8P | S0TP | 2NA | ALG | FUJ | BC107 | A157 | 0 |
| $2 \mathrm{SC188}$ | NS | T05 | L04 | 40 V | 25 V | 3 V | 500 MA | 175 C | 600 MWF | 75 N 15P | 50 TP | 1 cma | AMG | FUJ | BFY50 | 2N 2297 | 0 |
| 2SC189 | NS | T05 | L04 | 60 V | 40 V | 5 V | 500 Na | 175C | 600 NWF | 75 M 15 P | $40 T \mathrm{P}$ | 150 MA | AMG | FUJ | BFY50 | 2N2297 | 0 |
| $2 \mathrm{SC1} 90$ | NS | 105 | LC4 | 60 V | 40 v | 5 V | 500 MA | 175C | 600 MWF | $90 \mathrm{M} \mathrm{15P}$ | 7510 | 150MA | AMG | FUJ | BFY50 | 2N2297 | 0 |
| $25 C 191$ | ns | 105 | L04 | 60 V |  | iv | 10 MA | 150 C | 250 NWF | 20N 6P | 21 TP | 1 NA | AL G | OES | BC107 | A157 | - |
| $2 \mathrm{SC192}$ | NS | 105 | LC4 | 60 V |  | Iv | 10 MA | 150C | 25 CMmF | 5 N 6p | 21 TP | 1 MA | ALG | OBS | BC107 | A157 | 0 |
| 2 SC193 | NS | 105 | 104 | 60 V |  | 1 v | 10 MA | 150C | 250 MWF | 12 M 6P | $21{ }^{10}$ | 1 MA | ALG | OBS | BC107 | A157 | 0 |
| $25^{5 C 194}$ | NS | 105 | 104 | 60 V |  | Iv | 10 MA | 150C | 250 MWF | 20 M 6P | 2119 | 1 MA | AL G | OBS | BC107 | Al 57 | 0 |
| 2SC195 | NS | 105 | L. 04 | 30 V |  | iv | 10 MA | 150 C | 250 MWF | 5M 6P | 21TP | 1 MA | ALG | ORS | BC 107 | Al57 | 0 |
| 2SC19t | NS | 105 | 104 | 30 V |  | iv | 10 MA | 150C | 250 MhF | 12N 6P | 217 P | 1 MA | ALG | crs | BC107 | A157 | 0 |
| $2 \mathrm{SC197}$ | NS | 105 | LC4 | 30 V |  | 1 v | 10 MA | 150C | 250 MWF | 20M 6P | 21 P | 1 MA | AL G | OBS | BC107 | A157 | 0 |
| $2 \mathrm{SC199}$ | NS | 105 | L04 | 80 V | 45 V | 15 V | 50 NA | 175 C | 600 MWF | 50 M 4 P | 70 TP | 3 MA | AMG | TOS | BFY50 | 2N2297 | 0 |
| 2SC 200 | As | 105 | 104 | 40 V |  | 5 V | 300 ms | 175 C | 650 MWF | 175M 8P | 60TP | 1 MA | RMG | FUJ | BSW54 | 2N22194 | A |
| 2 SC 201 | NS | TOS | 104 | 20 V |  | 3 V | 300MA | 1750 | 650 MWF | 175 N 8P | 60TP | 1 MA | RMG | FUJ | BSW54 | 2N2219A | 0 |
| 2 SC 202 | NS | T05 | L04 | 80 V |  | 5 V | 300NA | 175 C | 650 MmF | 175N 8P | 607 P | 1 MA | RMG | FUJ | BSW54 | 2N2219A | A 0 |
| $2 \mathrm{SC2C3}$ | NS | T018 | LC1 | 40 V |  | 5 V | 200mA | 175 C | 350 MWF | 175 M 8P | 60TP | 1 MA | RL G | fuJ | BSW64 | 2N2222A | 0 |
| 2SC204 | NS | 1018 | L01 | 20 V |  | 3 V | 200MA | 1756 | 350 MNF | 175 M 8P | 60 TP | 1 MA | RL | FUJ | BSW64 | 2N2222 | 0 |
| 2 SC 205 | NS | 1018 | LC1 | 80 V |  | 5 V | 200MA | $175 C$ | 350 MmF | 175N 8P | $601 p$ | 1 MA | RL | FUJ | BSW64 | 2N2222A | - |
| 2SC20t | $n s$ | 1072 | L06 | 20 V |  | 2 V | M $A$ | 185C | 200 MWF | 100N 3P | 351 P | 2 MA | VL A | FUJ | BF×73 | 2N918 | 0 |
| 2 SC 210 | NS | T05 | 104 | 50 V |  | 5 V | S00~A | 175 C | 650 MWF | 75M 30P | $501 p$ | 2 cma | AMG | FUJ | BFY50 | 2N 2297 | 0 |
| 2SC211 | NS | 105 | 164 | 25 V |  | 5 V | 500 MA | 1750 | 650 MWF | 75 M 30 P | 50TP | 20 MA | $A^{\prime N}$ | FUJ | BFY50 | 2N2297 | 0 |
| 2 SC 212 | NS | T05 | L04 | 80 V |  | 5 V | 500mA | 1750 | 650 NWF | 75M 30P | 501 P | 20MA | AMH | FUJ | BSW66 | 2N1893 | 0 |
| $2 S C 213$ $2 S C 214$ | NS | 108 | L12 | 50 V |  | 5 V | 600ma | 1750 | 150 CMWF | 75 N 30 P | 20 MN | 10MA | VH | FUJ |  | 2N2782 2N2782 | 0 |



| TRANSISTOR NUMBER | $\begin{aligned} & \text { PM } \\ & \text { OA } \\ & \text { LT } \end{aligned}$ | $\begin{aligned} & \text { PACK- } \\ & \text { AGE } \end{aligned}$ | $\begin{array}{\|l\|l\|} \text { LEAD } \\ \text { INFO } \end{array}$ | $\begin{aligned} & \text { VCB } \\ & \text { MAX } \end{aligned}$ | $\begin{aligned} & \text { VCE } \\ & \text { MAX } \end{aligned}$ | $\begin{aligned} & \text { VEB } \\ & \text { MAX } \end{aligned}$ | ${\underset{\operatorname{MAX}}{\mathbf{I}}}_{\mathbf{C}}$ | $\underset{\text { MAX }}{\mathbf{J}}$ | TOT | min |  | $\mathbf{H}_{\mathbf{F E}}$ | $\begin{aligned} & H_{\text {FE }} \\ & \text { BIAS } \end{aligned}$ | USE | MFR | $\begin{aligned} & \text { EURO } \\ & \text { EQVT. } \end{aligned}$ | $\begin{aligned} & \text { USA } \\ & \text { ERVT. } \end{aligned}$ | ISS |
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| 2SC352A | AS | 105 | 104 | 50 V | 30 V | 5 V | 100MA | 175C | 750 M | 85 | 4P5 | 90 | 1 MA | RLG | soy | BSW54 | 22 | 0 |
| 2SC353 | NS | T05 | 104 | 100 V | 60 V | 5 V | 100 MA | 175C | 750 MWF | 85 N | 6P | 90 | 1 MA | RLG | SOY | BSW54 | 2N2219A | 0 |
| 2SC353A | NS | 105 | L04 | 100 V | 60 V | 5 V | . 100 ma | 175C | 750 MW |  | $4 \mathrm{P5}$ | 901P | 1 MA | RLG | Soy | BSW54 | 2N2219A | 0 |
| $2 \mathrm{SC354}$ | NS | 105 | L04 | 40 V |  | 4 V | 1500 MA | 200 C | 7 WC | 90 M |  | 100 MN | OMA | AHG | FUJ | BFY50 | 2N2297 | 0 |
| 2 SC 356 | NS | 1046 | 101 | 30 V | 15 V | 5 V | 200 mA | 175C | 300 MWF | 200 | 9p | 601 P | 1 OMA | VLA | NIP | B SW64 | 2N2222A | 0 |
| 2SC360 | NS | 1018 | L01 | 30 V | 18 V | 5 V | 100MA | 1750 | 250 M | 75M | 7 P | 1001 P | 10 MA | G | OES | BC107 | A157 | 0 |
| 2SC 361 | NS | 1098 | L21 | 30 V | 30 V | 4 V | 100 MA | 125C | 200 MmF | 60N | 4 P | 120 MN | 2 MA | ALG | CBS | BC182L | 2N3710 | 0 |
| 2 SC 362 | NS | 1098 | L21 | 25 V | 18 V | 5 V | 40 MA | 125 C | 200 M | 75\% | 6 P | 140TP | 2 MA | AL | OBS | BC182L | 2N3710 | O |
| 2 SC363 | NS | 1098 | L21 | 25 V | 18 v | 5 V | 40 MA | 125 C | 200M | 75 M 60 M | 6P8 | $2501 p$ $60 T p$ | 2 MA 10 MA | ALN | OBS | BC184L | 2N3707 2N3704 | 0 |
| 2 SC 366 | NS | 1098 | 121 | 50 V |  | 5 V | 400 MA | $125 C$ | 300MWF | 60 M | 20P | 60 T | 10 ma | AMG | OBS | BCW36 | 2N3704 | 0 |
| 2SC 3666 | NS | 1098 | L21 | 60 V | 40 V | 5 V | 400MA | 1250 | 300 MHF | 100 M | 15 P | 40/240 | 100 ma | G | TOS | BCW36 | 2N3704 | 0 |
| 2SC366G/0 | NS | 1098 | L21 | 60 V | 40 V | 5 V | 400 MA | $125 C$ | 300 MHF | 100 N | 15 P | 70/140 | 100 ma | AMG | tos | BCW 3 | 2N3704 | 0 |
| $2 \mathrm{SC} 366 \mathrm{G} / \mathrm{R}$ | NS | 1098 | L21 | 60 V | 40 V | 5 V | 400 MA | 125 C | 300 MWF | 100M | 15 P | 40/80 | 100 ma | AMG | tos | BCW3 | 2N3704 2N3704 | 0 |
| $25 C 3676$ | NS | 1098 | 121 | 40 V | 20 V | 5 V | 400 MA | 125 | 300MwF | 100M | 15 P | 40/240 | 100 mA | AMG | Tos | BCW36 BCW36 | 2N3704 2N3704 | 0 |
| 2SC3676/0 | ns | 1098 | L21 | 40 V | 20 V | 5 V | 400 mA | 125C | 300 MWF | 100M | 15 P | 70/140 | 100 MA | AMG | tos | BCW36 | 2N3704 | 0 |
| 2SC 367 G | NS | 1098 | 121 | 40 | 20 V | 5 V | 400 ma | 125 C | 30 | 10 | 15P | $40 / 80$ | 100 MA | AMG | TOS | 8CW36 | 04 | 0 |
| $2 \mathrm{SC} 367 \mathrm{G} / \mathrm{Y}$ | NS | 1098 | 121 | 40 V | 20 V | 5 V | 400 MA | 125 C | 300 | 100 | 15 | 120 MN | 100 M | AM | TOS | BCW36 | 2N3704 |  |
| 2SC366G/Y | NS | 1098 | 121 | 60 V | 40 V | 5 V | 400 NA | 125 C | 30 | 100 | 15 P | 120 MN | 100 | A | 10S | BCW36 | N3704 | 0 |
| 2 SC 367 | ns | T098 | 121 | 40 V | 20 V | 5 V | 400 MA | 125 C | 300 | 60 M | 208 | 701 P | 10 MA | AMG | OBS | BCW36 | 2N3704 | 0 |
| 2SC368 | ns | 1018 | 101 | 25 V | 18 V | 5 V | 100 | 1750 | 250 MHF | 75N | 3 P | 25019 | Ma | AL | tos | BC1 |  | 0 |
| 2 SC | NS | 10 | 12 | 25 V | 18 V | 5 V | 100 MA | 125C | 200MLF | 75 N | 3 P | 2501 | 1 MA | ALN | 10S | BC184L | 2N3707 | 0 |
| $25 C 3696$ | NS | 1098 | L21 | 40 V | 30 V | 5 V | 100 NA | 125 C | 200MWF | 50 M | 3 P | 200 | 1 MA | AL $N$ | OBS | BC1842 | 2N3707 | 0 |
| 2SC369G/B | ns | 1098 | L21 | 40 V | 30 V | 5 V | 100 MA | 1250 | 200 Mb | 50 M | 3P | 250 | 1 MA | ALN | TOS | BC 184L |  | 0 |
| 2SC369G/G | NS | 1098 | L21 | 25 V | 18 v | 5 V | 100 MA | 25C | 200 MWF | 75 N | 3 P | 150 | 1 MA | ALN | Tos | BC1842 | 2N3707 | 0 |
| 2SC 3696/V | ns | 1098 | 121 | 40 V | 30 V | 5 V | 100 M | 25 | 200M | 50 N | 3 P | 600 MN | 1 MA | ALN | TOS | BC1842 |  | 0 |
| 2SC370 | NS | 1098 | L21 | 35 | 30 | 4 V | 10 | 125 | 20 cm | 80 M | 3P5 | $25 / 50$ | 2 MA | ALG | TCS | BC182L | 10 | 0 |
| $25 C 3706$ | AS | 1098 | 121 | 35 V | 30 V | 5 V | 10 | 125 C | 200M | 100 M | 3P5 | 20 MN | 10 MA | AL | OB | BC 182L | 10 | 0 |
| 2SC371 | AS | 1098 | 121 | 35 V | 30 V | 4 V | 100 MA | 1256 | 200 M | 80 M | $3 P 5$ | 40 MN | 2MA | ALG | TOS | BC 184 L | 2N3710 | 0 |
| 2SC371/0 | NS | 1098 | L21 | 35 V | 30 V | 4 V | 100MA | 125 C | 200 | 80 M | $3 P 5$ | 70/140 | 2 MA | ALG | tos | BC182L | 2N3710 | 0 |
| 2SC371/R | NS | 1098 | L21 | 35 V | 30 V | 4 V | 100MA | 125C | 20 | 80 | 3P5 | 401 | 2 MA | ALG | ros | BCIB2L | 2N3710 |  |
| 2SC371G | NS | 1098 | 121 | 35 V | 30 V | 5 V | 100MA | 12 | 200MWF | 80 M | 3P5 | 40 M | 10 MA | ALG | ros | BC 184L | 2N3710 | 0 |
| 2SC3716/0 | NS | 1098 | 121 | 35 V | 30 V | 5 V | 10 | 125 C | 200 | 80 M | $3 P 5$ | 70/140 | 10 mA | ALG | TOS | BC 1822 | 0 | 0 |
| 2SC371G/ | NS | 1098 | L21 | 35 V | 30 V | 5 V | 10 | 1256 | 200 | 80 N | $3 P 5$ | 40/80 | 10 MA | AL | OS | BC | 0 | 0 |
| 2SC 372 | NS | 1098 | 121 | 35v | 30 V | 4 V | 100 M | 125C | 200 | 80 N | 3P5 | 70 MN | 2MA | AL | ros | B | 7 | 0 |
| 2SC37210 | NS | 1098 | L21 | 35 V | 30 V | 4 V | 100 ma | 125C | 20 | 80 M | $3 P$ | 70/140 | 2 MA | ALG | IO | BC18 | 2N3710 | 0 |
| 2SC372/4 | ns | 1098 | 121 | 35 V | 30 V | 4 V | 100MA | 1250 | 200 MWF | 80 M | 3P5 | 120 | 2 MA | ALN | TOS | BC 184L | 2N3707 | 0 |
| 2SC3726 | NS | 1098 | 121 | 35 V | 30 V | 5 V | 100 mA | 125 C | 200 | 80 N | $3 P 5$ | 70 M | 10 MA | ALG | ros | BC 1822 | 2N3710 | 0 |
| 2SC3726/0 | AS | 1098 | 121 | 35 V | 30 V | $5 V$ | 10 | 125C | 200 | ON | 3P5 | 70/140 | 10 MA | ALG | TOS | BC182L | 2N3710 | 0 |
| 2SC372G/Y | AS | 1098 | L21 | 35 V | 30 V | 5 V | 100 MA | 125C | 200MV | 80 M | 3P5 | 120 MN | 10 MA | AL 6 | Tos | BC182L | 2N3710 | 0 |
| $2 \mathrm{SC373}$ | NS | 1098 | 121 | 35 V | 30 V | 4 V | 100 MA | 125 C | 200 | 80 M | 3P 5 | 200 M | 2 MA | ALN | TOS | BC 184L | 2N 3707 | 0 |
| 2SC3736 | NS | 1098 | L21 | 35 V | 30 V | 5 V | 100MA | 1250 | 200 | 80 M | $3 P 5$ | 200MN | 10 MA | ALN | ros | BC 184L | 2N3 707 | 0 |
| 2SC 374 | NS | 1098 | 121 | 35 V | 30 V | 4 V | 100 mA | $125 C$ | 200 | 80 M | $3 P 5$ | 350 | 2MA | ALN | TOS | BC 184 L | 2N3707 | 0 |
| 2SC374/8 | NS | 1098 | L21 | 35 V | 30 V | 4 V | 100 | 125C | 200 MWF | gom | 3P5 | 350 M | 2 M | ald | TOS | BC 184L | 2N3707 | 0 |
| 2SC374/V | NS | 1098 | L21 | 35 V | 30 | 4 V | 100NA | 125C | 200 | 80 M | $3 P 5$ | 600 mN | 2 MA | al | TOS | BC184 | 2N370 | 0 |
| 2SC375 | NS | 1098 | 121 | 20 V | 12 V | 2 V | 50 MA | 1256 | 200MWF | 300M | 3 P | 100 TP | IMA | VLA | ros | BSW64 | 2N2222 | 0 |
| 2SC 376 | NS | 1098 | 121 | 70 V | 35 v | 4 V | 100 MA | 1250 | 200 MHF | 75M | 5 P | 601p | 1 MA | ALG | OBS | BC182L | 710 | 0 |
| $2 \mathrm{SC377}$ | NS | 1098 | 121 | 35 V | 30 V | 4 V | 30 MA | 125 C | 200 MWF | 75 N | 4 P | 25 MN | 2 MA | ALG | OBS | BC182L | 2N3710 | 0 |
| 2SC378 | NS | 1098 | L21 | 35 V | 30 V | 4 V | 30 MA | 125C | 200 MWF | 75M | 4 P | N | 2 MA | AlG | TOS | BC182L | 2N3710 | 0 |
| 2SC379 | NS | 1098 | 121 | 30 V | 20 V | 4 V | 100 ma | 125C | 200 MWF | 150 M | 4 P | 70 TP | 2 MA | AL | OBS | BC 182 L | 2N3710 | 0 |
| 2SC380 | ns | 1098 | L21 | 35 V | 30 | 4 V | 30 MA | 125C | 200 MWF | 125M | 4 P | 40MN | 2MA | ALG | tos | BC182L | 2N3710 | 0 |
| 2SC38 | NS | 1098 | 121 | 30 V | 20 V | 4 V | 100Na | 125C | 200 MWF | 150N | 4 P | 901P | 2 MA | ALG | IOS | BC182L | 2N3710 | 0 |
| $2 \mathrm{SC382}$ | NS | 1098 | 121 | 40 V |  | 2 V | 50 M | 125 C | 150 MW | 275M | 3 P | 80TP | 4 MA | A | tos | BFX 73 | 2N918 | 0 |
| 2SC382G | NS | 1098 | 121 | 40 V |  | 2 V | 50 MA | 1256 | 150 M | 300 M | 3 P | 30 MN | 4 MA | VLA | 10S | BFX 73 | 2N918 | 0 |
| 2SC.382R | ns | 1098 | 121 | 40 V |  | 2 V | 50 NA | 125 C | 150 MWF | 300 N | 3 P | 30 MN | 4 MA | VIA | Tos | BF $\times 73$ | 2N918 | 0 |
| 2SC383 | ns | 1098 | 121 | 75 V | 40 V | 3 V | 50 MA | 1256 | 300 MWF | 300 M | 2 P | 20 MN | 12 mA | VLA | tos | BF×73 | 2N918 | 0 |
| 2SC 384 | NS | 1098 | 121 | 20 V | 18 V | 2 V | 50 MA | 125 C | 200M WF | 250 M | 3 P | 501 P | 1 MA | via | TOS | BFX73 | 2N918 | 0 |
| 2 SC 385 | NS | 1098 | L21 | 20 V |  | 2 V | 20 MA | 125C | 200 | 300M | 4 P | 80TP | 8 MA | VLA | OBS | BF×73 | 2N918 | 0 |
| 2SC386 | NS | 1098 | 121 | 20 V |  | 2 V | 20 MA | $125 C$ | 200 MWF | 250M | 4 P | 80TP | 8MA | VLA | OBS | BFX73 | 2N918 | 0 |
| 2SC386A | NS | 1098 | 121 | 20 V | 15 V | 3 V | 20 MA | 125 C | 200 MkF | 300N | 3 P | 40 TP | 8MA | VLA | TOS | BFX73 | 2N918 | 0 |
| 2 SC 387 | ns | 1098 | 121 | 20 V | 2 V | 2 V | 50 MA | 125 C | 20 CNWF | 450 N | 4 P | 100TP | 8MA | VLA | OBS | BFX73 | 2N918 | 0 |
| 2SC3876 | NS | 1098 | 121 | 20 V | 12 V | 2 V | 50 MA | 125C | 200 MWF | 500M | 2 P | 601 P | 8MA | via | OBS | 8F× 73 | 2N918 | 0 |
| 2 SC 388 | NS | 1098 | 121 | 20 V |  | 2 V | 20 MA | $125 C$ | 200 MWF | 225M | 3 P | gorp | 8 MA | VLA | OBS | BF $\times 73$ | 2N918 | 0 |
| 2SC388A | as | 1098 | 121 | $25 V$ | 25 V | 3 V | 50 MA | 1256 | 300 MW | 150N | 2 P | 20MN | 12 MA | VLA | TOS | BFX73 | 2N918 | 0 |
| 2SC389 | NS | 1072 | 106 | 20 V | 15 V | 3 V | 20 MA | 150 C | 15 MMWF | 250\% | 1 P | 50 TP | 4 MA | vLA | TOS | BFX73 | 2N918 | 0 |
| 2 SC391 | NS | 1072 | 106 | 20 V | 12 V | 2 V | 20MA | 150C | 150 MWF | 600N | 2 P | 70TP | 2 MA | VLA | OBS | BF $\times 73$ | 2N918 | 0 |
| 2SC392 | NS | 1072 | 106 | 30 V | 20 V | 3 V | 20 MA | 1750 | 150 MHF | 500M | $1 P 5$ | 80 Tp | 2 Ma | ULA | ros | BFY90 | 2N2857 | 0 |
| 2SC 394 | NS | 1098 | 121 | 35 V | 30 V | 4 V | 100 MA | 1256 | 200 MmF | 100 N | 4 P | 25 MN | 2 MA | ALG | tos | BC182L | 2N3710 | 0 |
| 2SC395A | NS | 1018 | LCl | 20 V | 12 V | 5 V | 500 mA | 1756 | 300 MHF | 200N | 6 P | 30/200 | 10 MA | VMS | TOS | BS $\times 20$ | 2N2369 | 0 |
| $25 C 395 A / 0$ | NS | 1018 | L01 | 20 V | 12 V | 5 V | 500 MA | $175 C$ | 300 MWF | 200N | 6 P | 60/120 | 10 MA | VMS | ros | B5×20 | 2N2369 | 0 |
| 2SC395A/R | NS | 1018 | L01 | 20 V | 12 V | 5 V | 500 mA | 1756 | 30 MWF | 200M | 6 P | 30/70 | 10 MA | VM | ros | BS×20 | 2N 2369 | 0 |
| 2SC395A/Y | ns | 1018 | 101 | 20 V | 12 V | 5 V | 500 MA | 1750 | 300 MWF | 200M | 6 P | 100MN | 10 Ma | VMS | Tos | BS $\times 20$ | 2N2369 | 0 |
| 2SC396 | NS | 1018 | 101 | 40 V | 20 V | 5 V | 200MA | 1756 | 300 MWF | 225N | 6 P | 200 MN | 10 MA | R MG | OBS | BSW64 | 2N 2222 | 0 |
| $25 C 397$ | NS | 1072 | 406 | 20 V | 12 V | 2 V | 50 MA | 1800 | 200M WF | 400N | 4 P | 80 TP | 8 MA | VLA | TOS | BFX73 | 2N918 | 0 |
| $2 \mathrm{SC398}$ | NS | 1072 | 106 | 20 V | 20 V | 3 V | 20 MA | 175C | 200 MHF | 250M | OR 5 | 20MN | 4 M | FVG | T0S | BF 200 |  | 0 |
| 2SC399 | NS | 1072 | 106 | 20 V | 20 V | 3 V | 20 MA | 175C | 200 MWF | 250 M | OR | $20 / 200$ | MA | G | ros | BF 200 |  | 0 |
| 2SC400 | ns | 1018 | 101 | 30 V | 20 V | 5 V | 100MA | 1750 | 250 MHF | 100 | 6 P | 30mN | 10 MA | ALG | Tos | BC107 | A157 | 0 |
| 2SC400/G | NS | 1018 | 101 | 30 V | 20 V | 5 V | 100 MA | 175C | 250 MHF | 100 | 6 P | 170 MN | 10 MA | Alg | TOS | BC109 | 2N930 | 0 |
| $2 \mathrm{SC400} \mathrm{\%}$ | NS | 1018 | L01 | 30 V | 20 V | 5 V | 100 MA | $175 C$ | 250 MmF | 100M | 6 P | 60/120 | 10 MA | ALG | TOS | BC107 | A157 | 0 |
| $2 S C 400 / R$ $2 S C 400 / Y$ | ns | T018 | LC1 | 30 V | 20 V | 5 V | 100MA | 175C | 250MHF | 100 M | $6 P$ | $30 / 70$ 100 mN | 10 Ma | AL | IOS | BC107 | Al 57 | 0 0 |


| TRANSISTOR NUMBER | $\left[\begin{array}{cc} P M & \\ 0 A & P A \\ \text { LT } \end{array}\right]$ | $\begin{aligned} & \text { PACK- } \\ & \text { AGE } \end{aligned}$ | $\begin{aligned} & \text { LEAD } \\ & \text { INFO } \end{aligned}$ | $\begin{aligned} & \text { VCB } \\ & \text { MAX } \end{aligned}$ | VCE MAX | $\begin{aligned} & \text { VEB } \\ & \text { MAX } \end{aligned}$ | $\underset{\text { MAX }}{\mathbf{I}}$ | $\begin{gathered} \mathrm{T} \\ \mathrm{MAX} \end{gathered}$ | $\begin{array}{l\|l}  & F \\ \text { POT } & M \end{array}$ | $\begin{array}{ll} F^{T} & C_{0 B} \\ \text { MIN } & \text { MAX } \end{array}$ | $\mathbf{H E}_{\mathbf{F E}}$ | $\stackrel{\mathrm{H}_{\mathrm{FE}}}{\mathrm{BIAS}}$ | USE | MFR | $\begin{aligned} & \text { EURO } \\ & \text { EQVT. } \end{aligned}$ | USA EQVT. | ISS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $25 C 401$ | NS $\times$ | $\times 2$ | 142 | 50 V | 25 v | 5 V | 100MA 1 | 1250 | 100 MWF | 85M 5P | 901P | 1 MA A | ALG | Sor B | 1821 | 2N3710 | 0 |
| 2 SC 402 | NS $\times 2$ | $\times 20$ | 142 | 50 V | 25 V | $3 v$ | 100 ma 1 | 1256 | 100 M | 85M 5P | 901P | 1 MA A | ALG ${ }^{\text {S }}$ | Sor ${ }^{\text {b }}$ | BC 182 L | 2N3710 | 0 |
| 2SC402A | NS $\times$ | $\times 20$ | 142 | 50 V | 25 V | $3 V$ | 100 mA 1 | 125C | 180 M | 70N 5P | 601P | 1 MA | ALG | BC | BC 182 L | 2N3710 | 0 |
| 2 SC4028 | NS $\times$ | $\times 20$ | 142 | 50 V | 25 V | 4 V | 100 MA | 125C | 300M | $70 \mathrm{M} 3 P 5$ | 32 MN | 1 MA | G | Sor BC | 8C1822 | 2N3710 | 0 |
| $2 \mathrm{SC403}$ | NS $\times$ | $\times 20$ | 142 | 50 V | 25 V | $3 v$ | 100 MA | 125C | 10 CMW | 85\% 5P | 601P | IMA | ALG | Sor ${ }^{\text {B }}$ | BC182L | 2N3710 | 0 |
| $2 \mathrm{SC403A}$ | As $\times$ | $\times 20$ | 142 | 50 V | 25 V | 3 V | 100ma | 1256 | 180 MWF | 70M 5P | 601P | 1 MA | ALG | SOY | EC 182L | 2N3710 | 0 |
| 2 SC 403 B | NS $\times 2$ | $\times 20$ | 142 | 50 V | 25 V | 4V | 100 MA 1 | $125 C$ | 300 MmF | 70 M 2P7 | 20MN | 1 MA A | ALG ${ }^{\text {S }}$ | Sor ${ }^{\text {B }}$ | BC 182L | 2N3710 | 0 |
| 2 SC 404 | NS $\times$ | $\times 20$ | 142 | 50 V | 25 V | 3 V | 50 MA 1 | 1256 | 100 MkF | 85N 5P | gotp | 1 MA A | ALG 5 | SOY ${ }^{\text {BC }}$ | BC1822 | 2N3710 | 0 |
| $2 \mathrm{SC405}$ | NG TO | T05 | L04 | 30 V | 18 V | 6 V | 200 MA 1 | 100C | 125 MWF | 4M.25P | 601p | 100 MA | - | OBS A | ASY29 | 2N1304 | 0 |
| $25 C 406$ | NG ${ }^{\text {N }}$ | 105 | L04 | 30 V | $18 v$ | 6 V | 20 MA 1 | 100C | 125 MWF | 4M 25P | 1201P | 100 MA R | RMG | 0 - | ASY29 | 2N1304 | 0 |
| 2SC407 | NS 1 | 103 | 105 | 150 V | 100V | 4 V | 10 A | 150 C | 100 wc | 200~500F | 10/30 | 5 A | H | 1 | 90 |  | 0 |
| 2 SC 408 | NS T | 103 | L05 | 150 V | 100 V | 4 V | 10A | 1506 | 100 WC | 200~ 500 P | 20140 | 5 A | VHH S | SHI ${ }^{\text {S }}$ | BDY90 |  |  |
| 2 SC 409 | NS 1 | 103 | 105 | 20 CV | 140 V | 4 V | 104 | 150 C | 100 WC | 200M5COP | 10/30 | 5 A | H | SHI ${ }^{\text {S }}$ | PY90 |  | 0 |
| 2 SC 410 | NS T | 103 | 105 | 200 V | 140 V | 4 V | 10A | 150 C | 100 WC | 200M500P | $20 / 40$ | 5 A | H | SHI ${ }^{\text {SH }}$ | BDY90 $80 Y 90$ |  | 0 |
| $2 \mathrm{SC411}$ | NS T | 103 | LC5 | 300 V | 20/V | $4 v$ | 10 A | 150 C | 100 WC | 200M500P | 10/30 |  | VHH | SHI | BCY |  | 0 |
| 2SC412 | 1 | 103 | 105 | 30 CV | 20/v | 4 V | 10 A | 1500 | 10 ckc | 200M500F | 20/40 | 5 A | VHH | SHI | Y90 |  | 0 |
| $25^{2} 423$ | NS 1 | 1039 | 104 | 40 V |  | 5 V | 300 mA | 165 C | 500 MmF | 250M 10P | 801P | 20 MA | G | SAN | BSW54 | 2N2219A | 0 |
| 2 SC425 | ns 1 | 1039 | 104 | 40 V |  | 5 V | 30cma | 165 C | 50 CMWF | 250 M 10P | 80TP | 20 NA | RMG | SAN | BSW54 | 2N2219A | 0 |
| $25 C 437$ | NS 1 | 108 | 112 | 100 V | 60 V | 5 V | 2 A | 175C | 13 WC | 100 M | 20 MN | 350 MA | VHH | OBS |  | 2 | 0 |
| 2SC438 | AS 1 | TC8 | L12 | 7 sv | 60 V | 5 V | 2A | 175C | 13 WC | 100M | 20MN | 350 MA | H | S |  | 2N2782 | 0 |
| zS | NS 1 | 105 | L04 | 25 V | 15 V | 5 V | 100 mA | 1750 | 50 CmF | \% 7 F | 501 | 10 CmA | G | ORS | BSW54 | 2N2219A | 0 |
| 2 SC 441 | NS 1 | 105 | L04 | 25 V | 15 V | 5 V | 100 MA | 175 C | 500 MWF | 200~ 78 | 50 TP | l 00MA | VMG | OBS | BSW54 | 2N 2219 A | 0 |
| $2 \mathrm{SC442}$ | ns ${ }^{\text {T }}$ | 105 | LC4 | 25 V | 15 V | 5 V | 100NA | 175C | 500 MWF | 200M 7P | 50TP | 100 MA | VMG | OBS | BSW54 | 2N2219A | 0 |
| 2 SC 443 | NS ${ }^{\text {T }}$ | 105 | L04 | 50 V | 40 V | 3 V | 500 MA | 200 C | 800 MHF | 70M 20P | $201 p$ | 100 MA | AMG | OB | FY50 | 7 | 0 |
| 2SC444 | NS T | 105 | L04 | 60 V | 40 V | 4 V | 500MA | 200C | 800 MkF | 140M 20P | 2518 | 100 NA | RMG | OBS B | BSW5 | 2N2219A | 0 |
| $25 C$ | NS | 105 | LC4 | 80 V | 60 | 5 V | 500MA | 2 COC | 800 M | 140M 20P | 30 | 10cma | G | OBS | BSW54 | 19A | 0 |
| 2 SC 454 | NS $\times$ | $\times 21$ | 145 | 30 V | 30 V | 5 V | 100 MA | 125 C | 20 M | 115 M 4P | 60 MN | 2 MA | ALG | HIJ | BC182L | 2N3710 | 0 |
| 2SC454L | NS $\times$ | $\times 21$ | 145 | 30 V | 30 V | 5 V | 100 MA | 125C | 200 M | 115M | GOMN | 2 m | ALN | HAJ | BCW54 | 2N2219A | 0 |
| 2SC456 | NS | T05 | 104 | 60 V | 30 V | 5 V | 300MA | 1750 | 750 | 100M 7P | 80 | 10 MA | ${ }_{\text {RMG }}$ | MIJ | BC. 182 L | 2N3710 | 0 |
| zSC458 | NS | $\times 21$ | 145 | 30 V | 30 V | 5 V | 100 MA | $125 C$ | 20 CMWF | 115M 4P | 60 MN | 2MA | ALG | HiJ | BCI822 | 2N3710 | 0 |
| 2SC458L | NS | $\times 21$ | 145 | 30 V | 30 V | 5 V | 100 MA | 125 C | 200 NWF | 115M 4P | 150Tp | MA | ALN | HIJ | BC1841 | 2N3707 | 0 |
| 2SC458LG | NS | $\times 21$ | 145 | 30 V | 30 V | 5 V | 100 MA | $125 C$ | 200 MHF | 115 M 4P | 60MN | 2 MA | ALN | HIJ | BC 184 L | 2N3707 | 0 |
| 2SC460 | NS | $\times 21$ | 145 | OV | 30 V | 5 V | 100 mA | 1256 | 200M | 115 N 3 P | 35 MN | 2 ma | ALG | J | BC182L | 2N3710 | 0 |
| 2 SC 461 | NS | $\times 21$ | 145 | 30 V | 30 V | 5 V | 100mA | 1250 | 200 | 115 M 3P | 35MN | 2 Ma | ALG | HiJ | BC184L |  | 0 |
| 2SC463H | NS | 1072 | 106 | 35 V | 35v | 4 V | 20MA | 175 C | 150 MhF | 275M OR6 | 40 MN | 5 MA | IIA | H |  |  | 0 |
|  | ns | 1072 | 106 | 30 V | 12 V | 2 V | A | 200 C | 200 MHF | 200M 1P7 | 40 TP | 1 NA | RH | HIJ | EF 184 |  | 0 |
| 2SC465 w | ns | 1072 | 106 | OV | 12 V | 2 V | 20 MA | 200 C | 200 MWF | $200 \mathrm{M} \mathrm{LR7}$ | 40 TP | 1 MA | RH | HIJ | BF184 |  | 0 |
| 2SC466 | NS | 1072 | 106 | 30 V | 12 V | 2 V | 20 MA | 2006 | 20 CMHF | 200M 1R 7 | 40 TP | 1 MA | FRH | HIJ | BF184 | 24 | 0 |
| 2 SC 468 H | NS | 1072 | L06 | 40 V | 15V | 5 V | 200MA | 180C | 200 Mm | 300 N | 35 MN | IOMA | AL | Soy | BSW66 | 2N1893 | 0 |
| $2 \mathrm{SC470}$ | NS | T05 | LC4 | 150 V | 130.0 | 5 V | 100MA | 17 | 750 M | $85 \mathrm{M} \mathrm{4P}$ | 60 | A |  |  |  |  |  |
| 2 SC 477 | NS | T018 | LO 1 | 32 | 32 V | 4 V | 30 MA | 1756 | 145 MWF | 95M | 801p | 10 MA | ALG | MAT | BC107 | A157 | 0 |
| 2 SC 478 | MS | 1018 | L01 | 50 V | $25 v$ | 1v5 | 120MA | 200 C | 300 MWF | $100 \mathrm{~N} \quad 8 \mathrm{P}$ | 201P | 20 MA | ALG | MAT | BC107 | A157 | 0 |
| 2 SC 481 | NS | 1039 | 104 | 6 CV | 45 V | 5 V | 1 A | 150C | 600 mmF | 100 N 30 P | $20 / 100$ | 150 ma | VM | ros | BSW5 |  | 0 |
| 2 SC 482 | NS | 1039 | L04 | 40 V | 32 V | 5 V | 600 MA | 175 C | 600 | 50 N | $30 / 300$ | 150 MA | AMG | tos | BFY50 | 2N2 297 | 0 |
| 2SC482/G | ns | 1039 | LC4 | 40 V | 32 V | 5 V | 600 MA | 175C | 600 MWF | 50 M 30 P | 100 | 15 cmA |  | Tos | BFYSo | 2N2297 |  |
| 2 SC 48 | NS | 1039 | 104 | 40 V | 32 V | 5 V | a | 175 C | 600 MWF | 50n 30 P | $30 / 90$ | 150 MA | AM | T0 | BFY50 | 2N2297 |  |
| 2SC482/Y | AS | 1039 | L04 | 40 V | 32 V | 5 V | 600 mA | 175 C | 600 | $50 \mathrm{~N} \mathrm{30P}$ | 50/150 | 150 MA | AMG | Ios | BFYSO | 2N2297 | 0 |
| 2 SC 484 | NS | 1039 | LC4 | 150 V | 110 V | 5 V | 1500 ma | 150 C | 800 | 10 M | 30 MN | 2 Coma |  | Ios | BSW66 | 2N1893 | 0 |
| 2SC484/8 | NS | 1039 | L04 | 150 V | 110 V | 5 V | 1500 mA | 50 C | 800 MWF | 10 M | 100m | 200 mA | AMH | Tos | BSW66 | 2N1893 | 0 |
| 2SC484/R | ns | 1039 | LC4 | 150 V | 110 V | 5 V | 1500 ma | 1500 | 800 | 10 M | $30 / 8$ | 200 ma | ANH | ros | BS*66 | 2N1893 |  |
| 2 SC 484 \% |  | 1039 | 104 | 150 V | 110 | 5 V | 1500MA | 150C | 800 | 10* | $50 / 140$ | 200 MA | AMH | TOS | BSW66 | 2N1893 | 0 |
| $25 C 485$ | NS | 1039 | 104 | 120 V | 80 V | 5 V | 1500 MA | 150C | 800 MWF | 10M | 30 MN | 200 MA | AMH | T0S | BSW66 | 2N1893 | 0 |
| $2 \mathrm{SC} 485 / 8$ | AS | 1039 | L04 | 120 V | 80 V | 5 V | 1500 mA | 150C | 800 MWF | 10 M | 100 MN | $20 / \mathrm{MA}$ | AM | 105 | BSW66 | 2N1893 | 0 |
| 2SC485/R | NS | 1039 | 104 | 120 V | 80 V | 5 V | 1500 MA | 150 C | 800 MWF | 10 M | $30 / 85$ $50 / 140$ | 200 MA | AMH | Tos | BSW66 | 2N1893 | 0 |
| 2SC485/Y | ns | 1039 | 104 | 120 V | 80 V | 5 V | 1500 MA | 150 C | 80 |  |  |  |  |  |  |  |  |
|  | NS | 1039 | LC4 | 80 V | 50 V | 5 V | 1500 MA | 150C | 80 CmbF | 10 N | 30 MN | 200 MA | AMH | 105 | BSW66 | 2N1893 | 0 |
| $2 \mathrm{SC} 486 / 3$ | NS | 1039 | 104 | 80 V | 50 V | 5 V | 1500 MA | 150C | 800 MmF | 10 M | 100MN | 200 MA | AMH | 105 | BSW66 | 2N1893 | 0 |
| 2SC486/R | NS | 1039 | L04 | 80 V | 504 | 5 V | 1500 MA | 150 C | 800 MWF | 10 M | 30/85 | 2 COMA | AMH | ros | BSW66 | 2N1893 | 0 |
| $2 \mathrm{SC} 486 / \mathrm{Y}$ | ns | 1039 | 104 | 80 V | 50 V | 5 V | 1500 MA | 150 C | 800 MWF 15 WC | 10 M | 50/250 | 200 ma | RHH | tos |  | 2N3738 | 0 |
| 2SC487 | NS | 1066 | 143 | 110 V |  | 5 V | 1500 MA | 150C | 15 WC |  |  |  |  |  |  |  |  |
| $25 C 488$ | $\wedge S$ | 1066 | 143 | 14 CV | 110 V | 5 V | 3 A | 150C | 16 WC | 5 M | 8019 | 5 COMA | RHH | OBS |  | 8 | 0 |
| 256489 | NS | 1066 | 143 | 100 V | 80 V | 5 V | 3 A | 150C | 16 WC | 5M26CP | 20/200 | 50 cm | A | Tos | BDY72 | 2N3441 | 0 |
| 2SC489/B | As | 1066 | 143 | 100 V | 80 V | 5 V | 3 A | 150 C | 16 WC | 5 M 260 P | 701200 | 500 MA | AHH | ros | BDY7 2 | 2N3441 | c |
| $2 \mathrm{SC} 489 / \mathrm{R}$ | AS | 1066 | 143 | 100 V | 80 V | 5 V | 3 A | 150C | 16 | 5N260P 5 N 260 P | 40/120 | 500 MA | AHH | tos | B0Y7 2 | 2N3441 | 0 |
| 2SC489/Y | NS | 1066 | 143 | 10 CV | 80 V | 5 V | 3 A | 150 C | 16 W |  |  |  |  |  |  |  |  |
|  |  | T06t | 143 | 60 V | 50 V | 5 V | 3 A | 150C | 16 WC | 5 M 260 P | $20 / 200$ | 500 MA | AHG | 105 | Buy3 8 | 2N3054 | 0 |
| 2SC490 |  |  |  | 60 V | 50 V | 5 V | 3 A | 150 C | 16WC | 5M260P | 70/200 | 500 MA | AHG | TOS | BUY38 | 2N3054 | 0 |
| 2SC490/8 $2 \mathrm{SC490/R}$ | NS | 1066 | 143 | 60 V | 50 V | 5 V | 3 A | 150 C | 16WC | 5N260P | 20/60 | 500 mA | AHG | TOS | Bur38 | 2N3054 | 0 |
| 2SC490/R $2 \mathrm{SC} 490 / \mathrm{Y}$ | NS | 1066 | L43 | 60 V |  |  | 3 A | 150C | 16 WC | 5N260P | 40/120 | 500 MA | AHG | TOS | BUY38 | 2 N 3054 | 0 |
| $2 S C 490 / \mathrm{Y}$ $2 \mathrm{SC491}$ | NS | NS $\begin{aligned} & 1066 \\ & 1066\end{aligned}$ | L43 | 60 V 50 V | 35 v | 5 V | 1500mA | 150C | 15 WC | 15 M 160 P | 30/250 | 500 MA | AHG | TOS | BUY 38 | 2N3054 | 0 |
| $2 \mathrm{SC491}$ | NS | 1066 | L43 | 50 V |  |  |  |  |  |  |  |  |  |  |  | 2N3054 | 0 |
| 2 SC491/B | NS | S 1066 | 143 | 50 V | $35 v$ | 5 V | 1500kA | 150 C | 15 WC | 15 M 160 P 15 M 160 P | $85 / 250$ $30 / 60$ | 500MA | AHG | Tos | BuY38 | 2N3054 | 0 |
| 2SC491/R | NS | S 1066 | 143 | 50 V | 35 V | 5 V | 1500 mA | 150 C | 15 WC | - 15 H 160 P | 50/100 | 500 MA | AHG | T0S | BUY38 | 2N3054 | 0 |
| 2SC491/Y | NS | N 1066 | 143 | 50 V | 35 V | 5 V | 1500MA | 150 C 150 C | 880 WC | $\mathrm{C}_{10 \mathrm{M}}^{15 \mathrm{P}}$ | 601P | 1 A | RHH | OBS | BDY25 |  | 0 |
| 2 SC 492 | NS | S 103 | L05 | 110 V | 110 V | 5 V |  | 150 C | 50 wC | 5M260P | 30/200 | 1 A | A RHH | tos | BDY25 |  | 0 |
| 2 SC 493 | NS | S 103 | 105 | 80 V | - 80 V | 5 V | 5 A | 150 C | 50 WC | Sm260P |  |  |  |  |  |  |  |
| 493/B | NS | S 103 | 105 | 880 V | 80 V | 5 V | 5 A | 150 C | 5 CWC | C 5 N 260 P | $85 / 200$ | 1 A | RHH | 10 | $80 Y 25$ |  | 0 |
| $2 \mathrm{SC} 493 / \mathrm{R}$ | ns | S 103 | 105 | 580 V | V 80 V | 5 V | 5 A | 1500 | 50 WC | C 5 M 260 P | $30 / 70$ | 1 A | A RHH | Tos | B DY25 |  |  |
| 2SC493/Y | NS | S 103 | 105 | 5 ccV | V 80 V | 5 V | 5 A | 150 C | 50 WC | C 5 N 260 P | 50/120 | 1 l | A RHH | tos | BDY 25 BDY 23 | 2N 3445 | 0 |
| 2 SC 494 | NS | S 103 <br> S 103 | L05 | 50 V |  | 5 V 5 V |  | A 150 C | 50 wc 50 WC | C ${ }_{\text {SM260P }}$ | 85/200 | 14 | $A{ }^{\text {RHG }}$ | $\mathrm{G}^{1} \mathrm{~T}$ | BDY23 | 2N3445 | 0 |


| TRANSISTOR NUMBER | $\begin{gathered} \text { PM } \\ \text { OA } \\ \text { LT } \end{gathered}$ | $\begin{aligned} & \text { PACK- } \end{aligned}$ | $\begin{array}{\|l\|l\|} \hline \text { LEAD } \\ \text { INFO } \end{array}$ | $\begin{aligned} & \text { VCB } \\ & \text { MAX } \end{aligned}$ | $\begin{aligned} & \text { VCE } \\ & \text { MAX } \end{aligned}$ | VEB MAX | ${ }_{\operatorname{MAX}}^{\mathbf{c}}$ | $\underset{\text { MAX }}{\mathbf{J}}$ | тот | $\begin{array}{ll} F & C_{0} \\ \text { MIN } & \text { MAX } \end{array}$ | $\mathbf{H E}_{\text {FE }}$ | $\begin{gathered} \mathrm{H}_{\mathrm{FE}} \\ \text { BIAS } \end{gathered}$ | USE | MFR | $\begin{aligned} & \text { EURO } \\ & \text { EQVT. } \end{aligned}$ | USA EQVT. | ISS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2 SC | NS | 103 | 105 | 50 V | 50 V | 5 V | 5 A | 150 C | 50 | 5 M 260 P | 30/70 | 1 A | RHG | tos | B0Y23 | 2N 34 | 0 |
| $2 \mathrm{SC494/Y}$ | NS | 103 | 105 | 50 V | 50v | 5 V | 5 A | 150C | 50 | 5 M 260 P | 50/120 | 1 A | RHG | TOS | BOY23 | 2N3445 | 0 |
| 2SC495 | NS | 10126 | 131 | 70 V | 50 V | 5 V | 800MA | $125 C$ | 550 MWF | 50 M 20P | 40 | 50 MA | AMH | ros | BD169 | 2N4923 | 0 |
| 2SC49510 | ns | 10126 | 131 | 70 V | 50 V | 5 V | 800 MA | 125 C | 550 M | 50 M 20 P | $70 / 140$ | 50 MA | AMH | OS | BD169 | 2N4923 | 0 |
| 2SC495/R | as | 10126 | L31 | 70 V | 50 V | 5 V | 800 MA | 125 C | 50 MW | 50 M 20 P | $40 / 80$ | 50 mA | AM | ros |  |  | 0 |
| 2SC495/Y | NS | 10126 | 431 | 70 V | 50 V | 5 V | gooma | 125 C | 55 | 50 M 2 | 120 MN | 50 MA | AMH | 105 | 80169 | 23 | 0 |
| $2 \mathrm{SC4} 96$ | ns | 10126 | 131 | 40 V | 30 V | 5 V | 800 MA | 125 C | 550 | 50 M 20P | $40 / 240$ | 50 MA | AMG | 0 S | 80169 | 2N4923 | 0 |
| 2SC496/0 | ns | 10126 | 131 | 40 V | 30 V | 5 V | 800 MA | 125 | 55 | 50 M 20 P | 70/140 | 50 MA | AMG | S | BD169 | 2N4923 | 0 |
| 2SC496/R | NS | 10126 | 131 | 40 V | Ov | 5 V | 800 m | 125 C | OM | 50 M | 40/80 | 50 MA | AM | TOS | BD169 | 3 | 0 |
| $2 \mathrm{SC} 496 / \mathrm{Y}$ | as | 10126 | L 31 | 40 V | v | 5 V | 800 MA | 125C | 550 Mb | 50 N 20 P | 120 MN | 50MA | AMG | TOS | B0169 |  | 0 |
| 2SC497 | NS | 1039 | LO4 | 100 V | 80 V | 5 V | 800 MA | 150 C | 600 M | $30 \mathrm{M} \mathrm{3CP}$ | 40/240 | 200 ma | AMH | IOS | BSW66 | 2N 1893 | 0 |
| 2SC49710 | Ns | 1039 | 104 | 100 V | 80 V | 5 V | 800 mA | 150 C | 600 MWF | 30M 30P | 70/140 | 200 M | AM | TOS | BSW66 | 2N1893 | 0 |
| 2SC497/R | ns | 1039 | 104 | 100V | 80 V | 5 V | 800 ma | 150C | 600 M | 30 M 30 P | 40/80 | MA | AM | T0S | BSW66 | 2N1893 | 0 |
| 2SC497/Y | NS | T039 | 104 | 100 V | 80 V | 5 V | 800 MA | 150 C | 600 M | 30 M 30 P | 120 M | 200 MA | AMH | TOS | BSW66 |  | 0 |
| $2 \mathrm{SC4} 98$ | NS | 1039 | L04 | 80 V | 50 V | 5 V | 800 NA | 150 C | 600 MHF | 30 M 30 P | 40/240 | A | AMG | TOS | Bry | N | 0 |
| 2SC498/0 | NS | 1039 | 104 | 80 V | 50 V | 5 V | 800 ma | 1500 | 600 NWF | $30 \mathrm{M} \mathrm{3CP}$ | 70/140 | 200MA | AMG | ros | BFY50 | 2N2297 | 0 |
| 2SC498/R | NS | 1039 | 104 | 80 V | 50 V | 5 V | 800 ma | 150 C | 600 MhF | 30 N 30 P | 40/80 | 200 MA | AMG | TOS | BFY50 | 7 | 0 |
| 2 SC 498 / | ns | 1039 | L04 | 80 V | 50 V | 5 V | cooma | 150C | 600 M | 30 N 30 P | 120 mN | 200 MA | AMG | IOS | BFY5 | 2N2297 | 0 |
| 2 SC 499 | NS | 1098 | L21 | 100 V | 100 v | 5 V | 20 MA | 125 C | 30 CMWF | 70M 3P5 | $20 / 220$ | 2 MA | VL | 10 | $8 \mathrm{BF179C}$ |  | 0 |
| 2SC500 | NS | 1039 | L04 | 120 V | 120 V | 5 V | 20 MA | 150 C | 60 M WF | 70M 3P5 | $30 / 220$ | 3MA | VL | IOS | BF179C |  | 0 |
| 2SC501 | AS | 1039 | 104 | 60 V | 50 V | 5 V | 1 A | 1756 | 80 | 125M 25P | 301 | 200 ma | RHG | OBS | BSW54 | 219 A | 0 |
| 2SC502 | NS | 1039 | 104 | 60 V | 30 V | 55 | 300MA | 175C | 750 | 100 N 7 P | 80 TP | 150 MA | R MG | OBS | BSW54 | 2N2219A | 0 |
| 2 SC 503 | NS | 1039 | 104 | 60 V | 50 V | 5 V | G00ma | 175C | 800 | 50 M 30 P | 30/300 | 150MA | AHG | TOS | BFY50 | 2N2297 | 0 |
| 2SC503/G | ns | 1039 | 104 | 60 V | 50 V | 5 V | 600 MA | 175 C | 800 | 50 M 30 P | 100 MN | 150 MA | AH | IOS | BFY50 | 97 | 0 |
| 2SC503/0 | NS | 1039 | 104 | 60 V | 50 V | 5 V | 600 MA | 175 C | 800 MWF | $50 \mathrm{M} \mathrm{30P}$ | $30 / 90$ | 150 mA | AHG | TOS | BFY5 | 2N2297 | 0 |
| 2SC503/ | ns | 1039 | 104 | 60 V | 50 V | 5 v | 600MA | 175 C | 800 NHF | 50 N 30 P | 50/150 | 150 MA | AHG | TOS | BFY50 | 2N2297 | 0 |
| 2 SC 504 | NS | 1039 | 104 | 40 V | 30 V | 5 V | 600 MA | 175 C | 800 MWF | 50 N 30 P | 30/300 | 150 mA | AHG | ros | BFYSO | 2N2297 | 0 |
| 2SC504/G | NS | 1039 | L04 | 40 V | 30 V | 5 V | 600 MA | 175 C | 800 MWF | 50 M 30P | 100 mN | 150 MA | AHG | IOS | BFY50 | 2N 2297 | 0 |
| 2SC504/0 | AS | 1039 | L04 | 40 V | 30 V | 5 V | 600MA | 175 C | $\varepsilon 00$ | 50 M 30 P | 30/90 | 150 MA | aH | TOS | BFY50 | 2N2297 | 0 |
| 2SC504/Y | as | 1039 | 104 | 40 V | 30 V | 5 V | 600MA | 1750 | 800 MWF | 50 M 30 P | $50 / 150$ | 150 MA | AHG | TOS | BFY5 | 2N2297 | 0 |
| 2SC505 | NS | 103 | 04 | OV | 300 V | 3 V | 100 ma | 175C | 600 MWF | 20~ 15 P | 30/150 | 50 MA | VLE | TOS | BF259 |  | 0 |
| 25C505/0 | NS | 1039 | LC4 | 300 V | 300 V | 3 v | 100 mA | 175C | 60 CMWF | $20 \mathrm{M} \mathrm{15P}$ | 50/150 | 50 MA | VLE | 105 | BF259 |  | 0 |
| 2SC505/R | NS | 1039 | 104 | 300 V | 300 V | 3 V | 100 ma | 175 C | 600MWF | 20 M 15P | 30/90 | 50 MA | VLE | IOS | BF 259 |  | 0 |
| 2 SC 506 | NS | 1039 | L04 | 200 V | 200 V | 3 V | 100 mA | 1750 | 600MWF | $20 \mathrm{M} \mathrm{15P}$ | 30/150 | 50 MA | VLE | TOS | BF259 |  | 0 |
| 2SC506/0 | ns | 1039 | 104 | 200 V | 200 V | 3 V | looma | 1750 | 600 MWF | 20N 15P | 50/150 | 50 MA | VLE | TOS | BF259 |  |  |
| 2SC5C6/ | NS | 1039 | 104 | 200 V | 200 V | 3 V | 00ma | 1750 | 600 MWF | 20~ 15 P | 30/90 | 50 MA | VLE | TOS | BF259 |  | 0 |
| 2 SC 507 | ns | 1039 | 104 | 170 | 12 | $5 v$ | 100ma | 175C | 750 MWF | 100 M 4 P | 40/240 | 10 MA | VLH | TOS | BF 179C |  | 0 |
| 2SC5071 | NS | 1039 | 104 | 170 V | 120v | 5 V | 100 MA | 1756 | 750 MWF | 100M 4P | 70/140 | 10 MA | VLH | ros | BF 179 C |  | 0 |
| 2SC507/R | NS | 1039 | 104 | 170 V | 120 V | $5 v$ | 100 ma | 1750 | 750 MWF | 100N 4 P | $40 / 80$ | 10 MA | VLH | TOS | BF 179 C |  | 0 |
| 2SC507/r | AS | 1039 | 104 | 170 V | 120 V | 5 V | 100 ma | 175C | 750 MWF | 100M 4P | 120 mN | 10 MA | VL | TOS | BF179C |  | 0 |
| 2SC508 | NS | 1066 | 143 | 180 V |  | 5 V | 4 A | 150C | 2 | 10 M | 20 | 4 A | RH | TCS | B0Y79 | 2N3738 | 0 |
| 2 SC 509 | NS | $\times 19$ | 141 | 35 v | 30 V | 5 V | NA | 150 C | 00M | $50 \mathrm{M} \mathrm{30P}$ | 70/400 | 50 MA | AM | 10 | BCW36 | 2N3704 | 0 |
| 2SC509/6 | NS | $\times 19$ | 141 | 35 | 30 V | 5 V | 500 ma | 150 C | 600 | 50 M 30P | 200MN | 50 MA | AMG | ros | BCW36 | 2N3704 | 0 |
| 2SC509\% | NS | $\times 19$ | 141 | 35 v | 30 V | 5 V | 500 MA | 150C | 600 Mw | 50 M 30 P | 70/140 | 50 MA | AMG | TOS | BCW 36 | 2N3704 | 0 |
| $2 \mathrm{SC509/Y}$ | NS | $\times 19$ | 441 | 35 V | 30 V | 5 V | 500 NA | 150C | 600 MW | 50 M 30 P | 120 MN | 50 MA | AMG | TOS | BCW36 | 2N3704 | 0 |
| 2SC510 | NS | 1039 | 104 | 140 V | 100 v | 5 V | 1500 mA | 1756 | 80 | 20 M 4 CP | 30/150 | 200 MA | AM | TCS | BSW66 | 2N1893 | 0 |
| 2SC51010 | ns | 1039 | 104 | 140 V | 100 V | 5 V | 1500 ma | $175 C$ | 800 | 20 N 40 P | $50 / 150$ | 200 MA | AM | tos | BSW66 | 2N1893 | 0 |
| 2SC510/R | ns | 1039 | LC4 | 140 V | 100 V | 5 V | 1500MA | 1756 | 800 | 20 N 40 P | 30/90 | 200MA | AM | ros | BSW66 | 2N1893 | 0 |
| $2 \mathrm{SC511}$ | NS | 1039 | L04 | 120 V | 80 V | 5 V | 1500 MA | 1750 | 800 | 20 N 40 P | 30/150 | 2 OMA | AMH | tos | BSW66 | 2N1893 | 0 |
| 2SC511/0 | NS | 1039 | 204 | 120 V | 80 V | 5 V | 1500 MA | 175C | 80 MMWF | 20 M 40 P | 50/150 | 200 MA | AN | IO | B SW66 | 2N1893 | 0 |
| 2SC511/R | ns | 1039 | 104 | 120 V | 80 V | 5 V | 1500 mA | 175C | 800 | 20 M 40 P | 30/90 | 200 MA | ANH | TCS | BSW66 | 2N1893 | 0 |
| 2SC512 | NS | 1039 | LC4 | 100 V | , | 5 V | 1500 MA | 175C | 800 M | 20 N 40 P | 30/150 | 200 MA | AMH | TCS | BSH66 | 2N1893 | 0 |
| 2SC51210 | NS | TC39 | 104 | 100 V | 60 V | 5 V | 1500 MA | 175C | 800 | 20\% 40 P | 50/150 | 200MA | AMH | TOS | B SW66 | 2N1893 | 0 |
| 2SC512/R | NS | TC39 | 104 | 100V | 60 V | 5 V | 1500 mA | 175 C | 800 MWF | 20M 40P | 30/90 | 200 mA | AMH | tos | BSH66 | 2N1893 | 0 |
| 2SC513 | NS | 1039 | 104 | 70 V | 40 V | 5 V | 1500 MA | 175C | 800 MWF | 20M 40 P | 30/150 | 20cmA | A | ICS | BFY50 | 2N 2297 | 0 |
| ¿SC513/0 | NS | 1039 | 104 | 70 V | 40 V | 5 v | 1500MA | 175C | 800 MHF | 20M 40 P | 50/150 | 200 MA | AMG | ras | BFY50 | 2N2297 | 0 |
| 2SC513/R | NS | 1039 | L04 | 70 V | 40 V | 5 V | 1500 mA | 175C | 800 MWF | 20\% 40 P | 30/90 | 200 MA | AMG | TCS | BFY50 | 2N2297 | 0 |
| 2 SC5 14 | NS | OBS | OBS | 300 V | 300 V | 3 V | 100 MA | 150C | 4 WC | 10M | 60 MN | 50 MA | RLE | OBS | BF259 |  | 0 |
| $2 \mathrm{SC515}$ | NS | 1066 | 143 | 3 cov | 300 V | 5 V | 100 NA | 175C | 20 WC | 12M 10P | 40/170 | 50 MA | VME | 105 |  | 2N3739 | 0 |
| 2SC515A | NS | 1066 | 143 | 300 v | 300 V | 5 V | 100 MA | 1750 | 20 WC | 12M 10P | 40/170 | 50 MA | VME | TOS |  | 2N3739 | 0 |
| 2SC516 | ns | 105 | 104 | 100 V | 60 V | 5 V | 1500 ma | 175C | 800 MWF | 25N 50P | 60tp | 2 MA | AMH | TOS | BSW66 | 2N1893 | 0 |
| 2SC516A | NS | 105 | 104 | 140 V | 100 V | 5 V | 1500 Ma | 175C | 800 MHF | 25M 50P | 60TP | 2 MA | AMH | tos | BSW66 | 2N1893 | 0 |
| 2SC517 | NS | 1037 | 147 | 60 V |  | 4 V | 2 A | $175{ }^{\circ}$ | 10 WC | 150 M 50 P | 10/140 | 500 mA | VHG | TOS | BDY78 | 2N 5050 | 0 |
| $2 \mathrm{SC518}$ | ns | 103 | L05 | 140 V |  | 5 V | 5 A | 150C | 63 WC | 20 M | 40 MN | 5 A | RHH | OBS | BDY25 |  | 0 |
| 2SC518A | ns | 103 | 5 | 180 V |  | 5 V | 5 A | 150C | 50 WC | 20 M | 40 MN | 5 A | RHH | OBS | B0Y25 |  | 0 |
| 2SC519 | NS | 103 | 105 | 110 V | 100v |  | 5 A | 150C | 50 wC | 10 M | 50 mN | 1 A | RHH | OBS | BCY25 |  | 0 |
| 2SC519A | AS | 103 | L05 | 130 V | 110 v | 5 V | 7 A | 150C | 50 WC | 5M250P | 30 MN | 1 A | RHH | 10 | BDY25 |  | 0 |
| 2SC520 | NS | 103 | 105 | 80 V | 70 V | 5 V | 5 A | 150 C | 50 WC | 10 M | 50 mN | $1 A$ | RHG | OBS | 8DY23 | 2N3445 | 0 |
| 2SC520A | NS | 103 | 105 | 100 V | 80 V | 5 V | 7 A | 150 C | 50 kC | 5M250P | 30 MN | 1 A | RHH | TOS | BD Y25 |  | 0 |
| 2SC521 | ns | 103 | 405 | 50 V | 40 V | 5 V | 5 A | 150C | 50wC | 10 M | 50 MN | 1 A | RHG | OBS | B DY23 | 2N3445 | 0 |
| 2SC521A | NS | 103 | 105 | 70 V | 50 V | 5 V | 7 A | 150 C | 50 wC | 5 M 250 P | 30 mN | 1 A | RHG | Ios | BDY23 | 2N 3445 | 0 |
| $2 \mathrm{SC522}$ | AS | 1037 | 147 | 140 V | 100V | 5 V | 1500 Aa | 175C | 10 WC | 20M 50P | 30/150 | 200 MA | RHH | IOS | BDY79 | 2N5050 | 0 |
| 2SC522/0 | ns | 1037 | 147 | 14 CV | 100 V | 5 V | 1500mA | 175C | 10 WC | 20M 50P | 50/150 | 200MA | RHH | Tos | BDY79 | 2N5050 | 0 |
| 2SC522/R | NS | 1037 | 147 | 140 V | 100V | 5 V | 1500 MA | 175C | 10 WC | 20N 50P | 30/90 | 200MA | RHH | to | BDY79 | 2N5050 | 0 |
| 256523 | NS | 103 | 4.47 | 20 V | 80 V | 5 V | 1500 ma | 175C | 10 WC | 20M 50 P | 30/150 | 200 MA | R | tos | B0Y79 | 2N5050 | 0 |
| 2SC523/0 | NS | 1037 | 147 | 120 V | 80 V | 5 V | 1500 ma | 175 C | 10 WC | 20M 50P | $50 / 150$ | 200 mA | RHH | TOS | BDY79 | 2N 5050 | 0 |
| 2SC523/R | ns | 1037 | 14.7 | 120 V | 80 V | 5 V | 1500 mA | 175 C | 1 CWC | 20 M 50P | 30/90 | 200 MA | RHH | TOS | BDY79 | 2N5050 | 0 |
| 2SC524 | NS | 1037 | 147 | 100 V | 60 V | 5 V | 1500MA | 175C | 104C | 20M 50P | 30/150 | 200MA | RHG | TOS | B0Y78 | 2N5050 | 0 |
| 2SC524/0 | NS | 1037 | 147 | 100 V | 60 V | 5 V | 1500 ma | 175C | 10 cc | 20N 50 P | 50/150 | 200 MA | RHG | tos | BOY78 | 2N5050 2N5050 | 0 |



| TRANSISTOR NUMBER | $\left\|\begin{array}{c} \text { PM } \\ \text { OA } \\ \text { LT } \end{array}\right\|$ | $\begin{aligned} & \text { PACK- } \\ & \text { AGE } \end{aligned}$ | $\begin{array}{\|l\|} \text { LEAD } \\ \text { INFO } \end{array}$ | $\begin{aligned} & \text { VCB } \\ & \text { MAX } \end{aligned}$ | $\begin{aligned} & \text { VCE } \\ & \text { MAX } \end{aligned}$ | $\begin{aligned} & \text { VEB } \\ & \text { MAX } \end{aligned}$ | $\underset{\text { MAX }}{\mathbf{I}}$ | $\underset{\text { MAX }}{\mathbf{T}}$ | тот | $\begin{array}{ll} F_{T} & C_{O B} \\ \text { MIN } \\ \text { MAX } \end{array}$ | $H_{F E}$ | $\begin{gathered} \mathrm{H}_{\mathrm{FE}} \\ \text { BIAS } \end{gathered}$ | USE | MFR | $\begin{aligned} & \text { EURO } \\ & \text { EQVT. } \end{aligned}$ | USA EQVT. | ISS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2SC657 | NS | $\times 20$ | 142 | 18 V | 18 V | 3 V | 30 MA | 1500 | 150 MW | 250M 2P | S0TP | 4MA | VLA | sor | BFX73 | 918 | 0 |
| 2SC663 | NS | 1018 | 101 | $25 v$ | 12 V | 2v | 20 MA | 150 C | 150 MmF | 450 N 3 P | 40 | 10 MA | VL | MIT | BFX73 |  | 0 |
| 2 SC664 | NS | 103 | $L 05$ | 100 V | 50 V | 5 V | 5 A | 175 C | 10 | 10 M | 35/200 | 1 A | RHG | HIJ | BDY23 |  | 0 |
| 2 SC665 | NS | 103 | 105 | 125 V | 75v | 5 V | 5 A | 150C | 100 W | 10 M | 35/200 | 1 A | RH | HIJ |  |  | 0 |
| $2 \mathrm{SC668}$ | NS | 1092 | 121 | 15v |  | 3 V | 30 Ma | 125 C | 120MWF | 27 | 601 | 1 MA | VLA | SAN | BFX13 | 2N918 | 0 |
| $25 C 674$ | NS | 1092 | 121 | 15 V |  | 3 V | 30 Ma | 125C | 120 MLF | 375 ${ }^{\text {2P }}$ | 80 | 1 MA | A | SAN | 8F×73 | 2N918 | 0 |
| 2SC679 | NS | $\times 03$ | 105 | 300 V |  | 6 V | 2 A | 175 C | 35 kC | 10 N | 35/20 | 100 MA | RHE | HIJ | B0215 |  | 0 |
| 2 SC680 | NS | 1066 | 143 | 200 V | 120 V | 6 V | 2 A | 175C | $8 \%$ |  | 60/240 | 200 MA | RHH | HIJ | BDY79 BDY79 | 2N5050 | 0 |
| $25 C 680 \mathrm{~A}$ | NS | T066 | 143 | 200 V | 140 V | 6 V | 2 A | 175 C | 8 5 CL |  | $45 / 180$ 100 TP | 200 MA | RHE | HIJ | BDY79 | 2N5050 2N3739 | 0 |
| 2SC681 | ns | 103 | L05 | 200 V | 70 V | 5 V | 6 A | 1756 | 5 CWC |  | 1001P | 200MA | RHE | HIJ |  | 2N3739 | 0 |
| 2SC681A | $n s$ | 103 | 105 | 250 V | 80 V | 5 V | 6 A | 175C | 50 WC |  | 801 P | 200 MA | HE | HIJ |  | 2N3739 | 0 |
| $25 C 682$ | NS | 1072 | 106 | 20 V | 20 V | 3 V | 30 MA | 175 C | 180 MHF | $275 \mathrm{MOR9} 4$ | 30 MN | 2MA | TIA | HIJ | BF173 |  | 0 |
| $2 \mathrm{SC683}$ | NS | 1072 | L06 | 20 V | 20 V | 3 V | 20 MA | 175C | 180M WF | $275 \mathrm{MOR94}$ | 30 M | 2 MA | FVG | HIJ | BF 182 |  | O |
| 2 SC684 | NS | $\times 21$ | 145 | 30 V | 19 v | 2 V | 50 MA | 1250 | 200MWF | 650 M 2R2 | 40 | 10 MA | tuo | HIJ HIJ | BF183 BU120 |  | 0 |
| 2SC685 | ns | 103 | 105 | 300 V |  | 3 V | 100MA |  |  | 10 M | 30/150 | 50 MA | RHE | HIJ | BU120 |  | 0 |
| 2SC685A | NS | 1066 | 143 | 300 V | 300 V | 4 V | 100 ma | 175C | 6 HC | 12M | 30/160 | OMA | RLE | HIJ |  | 2N3739 | 0 |
| $2 \mathrm{SC686}$ | NS | 105 | L04 | 150 V | 150 V | 6 V | 50 MA | 175 C | 800 MWF | 90M 5P | 901P | 25MA | VLE | NIP | BF259 |  | 0 |
| 2SC687 | ns | 103 | 105 | 150 V |  | 6 V | 5 A | 150 C | 5 CWC |  | 14/33 | 5 A | RHH | MAT | BDY25 |  | 0 |
| 2SC689H | NS | 1018 | 101 | 40 V | 15 V | 5 V | 100MA | 175 C | 300 MWF | 100 7 P | 40 MN | 10 MA | ALG | HIJ | BC107 | A157 | 0 |
| 2 SC 693 | ns | 1092 | 121 | 40 V |  | 5 V | 50 MA | 125 C | 100 MHF | 90M 68 | 2407 P | 1 MA | ALG | SAN | BC182L | 2N371 | 0 |
| 2 SC | NS | 1092 | 121 | 40 V |  | 5 V | Soma | 125 C | 100 MWF | 90M 6P | 240 | 1 MA | LG | SAN | BC182L | c | 0 |
| 2 SC696 | ns | 1039 | L04 | 100 V | 60 V | 5 V | 3 A | 1750 | 750 Mm | 35 M | 28MN | 5 COMA | AHG | MAT | BSV64 | 2N4877 | 0 |
| 2SC696A | ns | 1039 | L04 | 130 V | 80 V | 5 V | 3 A | 1750 | 750 MWF | 35M | 28 MN | 500MA | AHH | MAT | BSV64 | 2N4877 | 0 |
| 2SC697 | NS | 1037 | 147 | 100 V | 60 V | 5 V | 3A | 175C | 10 WC | 35N | 30/173 | 100 MA | RHG | MAT | B0Y78 |  | 0 |
| 2 SC697A | NS | 1037 | 147 | 130 V | 80 V | 5 V | 3 A | 175C | 10 WC | 35 M | 30/173 | 100 MA | RHH | MAT | BCY79 | 2N5050 | 0 |
| 2 SC | NS | 1039 | 104 | 60 V | 40 V | 3 V | 750 ma | $200 C$ | 5 WC | 150 M | 5 MN | 100 ma | RMG | OBS | BSW54 | 19A | 0 |
| 2SC701 | NS | 1039 | 104 | 40 V | 25 V | 3 V | 750MA | 1750 | 5 mC |  | 301 P | 50 MA | RNG | OBS | BSW54 | 2N2219A | 0 |
| $25 C 705$ | As | 1092 | 121 | 15 V |  | 3 V | 30 MA | 125 C | 120 MWF | 400M 2 P | 80 | 1 MA | VLA | SAN | BFx73 | 918 | 0 |
| 2SC707 | NS | 1072 | 106 | 20 V | 20 V | 2 V | 20 MA | 175C | 150 MWF | 325M OP8 | 25 | 2 MA | TUM | HI | BF182 |  | 0 |
| $2 \mathrm{SC707H}$ | NS | 1072 | L06 | 20 V | 20 V | 2 V | 20 MA | 175C | 150 MWF | 325 N OP 8 | 25 MN | 2 MA | TUM | HIJ | BF182 |  | 0 |
| 2SC708 | NS | 103 | 104 | 60 V | 30 V | 4 V | 14 | 175c | 750 MmF | 100M | 35 MN | 50 ma | RMG | HIJ | BSW54 | 2N2219A | 0 |
| 2SC708A | NS | 1039 | 104 | 90 V | 60 V | 4 V | 1 A | 175C | 750 MWF | 100 M | 35 M | 50 MA | RMG | HIJ | BSW54 | 2N2219A | 0 |
| $2 \mathrm{SC708AH}$ | AS | 1039 | 104 | 60 V | 30 V | 4 V | 1 A | 175C | 750 MWF | 25M | 30 | MA | MG | HIJ | BFY50 | 2N2297 | 0 |
| $2 \mathrm{SC708H}$ | NS | 1039 | 104 | 60 V | 30 V | 4 V | 14 | 175 C | 750 MWF | 25M | 30 MN | 5 cma | RMG | HIJ | BFY50 | 2N2297 | 0 |
| 2SC709 | NS | 1092 | 140 | 25 V | 12 V | 4 V | 100 MA | 125C | 200MWF | 100M 5P | 70 TP | IMA | ALG | OBS | BC 182L | 2N3710 | 0 |
| 2SC710 | AS | 1092 | 14 | 30 V | 25 V | 4 V | 3 CMA | $125 C$ | 200 MWF | 100~3P5 | 901 | 1 MA | RLG | MIT | BC182L | 2N3710 | 0 |
| 2SC711 | NS | 1092 | 140 | 30 V | 25 V | 4V | 50 MA | $125 C$ | 200 MhF | 75* 5P | 300 TP | 1 MA | ALN | MIT | BC 184 L | 2N3707 | 0 |
| 2 SC711A | NS | 1092 | 140 | 50 V | 45 v | 4 V | OM | 125 C | 20 CMWF | 75M 5P | 200tP | 1 ma | ALN | MIJ | BC 184L | 2N3707 | 0 |
| $2 \mathrm{SC712}$ | NS | 1092 | 140 | 30 V | 25 v | 4 V | 50 MA | 125C | 200MWF | 75M 5P | 1507 P | 10 MA | AL G | MIT | BC182L | 2N3710 | 0 |
| 2SC7124 | ns | 1092 | 140 | 30 V | 25 V | 4 V | 100 ma | 125C | 200 MWF | 75M 5P | 90 TP | loma | ALG | OBS | BC 182L | 2N3710 | 0 |
| $2 \mathrm{SC713}$ | AS | 1092 | 140 | 30 V |  | 4 V | 100MA | 12 | 200 MHF | 100N 5P | 901p | 10 MA | ALG | M1T | BC1822 | 2N3710 | 0 |
| 2 SC 714 | NS | 1092 | 140 | 70 | 40 V | 5 V | 200MA | 125 C | 250 Mb | 100~ 14 P | 60 TP | 1 CMA | AMG | M1T | BCW36 | 2N3704 | 0 |
| 2SC715 | NS | 1092 | L21 | 40 V |  | 5 V | 100 M | 125C | 125MWF | 100M 6P | g0tp | 1 ma | AMG | SAN | BCW36 | 2N3704 | 0 |
| $25 C 716$ | NS | 1092 | 121 | 20 V |  | 5 V | 100NA | 125C | 125 MWF | 100M 6P | 801P | 1 MA | AMG | SAN | BCW36 | 2N3704 | 0 |
| 2SC717 | AS | $\times 21$ | 145 | 30 V | $19 v$ | 2 V | 50 MA |  | 200 MWF | 650M 2P | 40TP | 10 MA | ULA | HIJ | BF Y90 | 2N2857 | 0 |
| ESC72? | NS | 1092 | 121 | 15v |  | 5 V | 30 mA | 125C |  | 175N 3P | 45 TP | 1 MA | VLA | San | BFx73 | 2N918 | 0 |
| $25 C 727$ | NS | 1018 | LOL | 100 V | 100 V | 3 v | 100 MA | 175 C | 35 | 10M 18P | 901 P | 1 CmA | ALH | FuJ | 8S×21 | 2N1990 | 0 |
| 2Sc730 | NS | 1039 | L04 | 40 V | 24 V | 3 v | 400 ma | 175C | 1200 | 250 M | 501 P | 100 MA | VMG | MIT | BSW54 | 2N2219A | 0 |
| こSC732 | As | 1098 | L21 | 35 V | 30 V | 5 V | 100 mA | 125C | 300 MWF | 40N 10P | 200 mN | 2 MA | ALN | TOS | BC 1842 | 2N3707 | 0 |
| 2SC732/8 | ns | 1098 | 121 | 35 v | 30 V | 5 V | 100 ma | $125 C$ | 300 MWF | $40 \mathrm{M} \mathrm{10P}$ | 350 MN | 2 MA | al N | TOS | BC184L | 2N3707 | 0 |
| 2 SC732/ | NS | 1098 | L21 | 35 V | 30 V | 5 V | 100ma | 125 C | 300 MWF | 40 M 10 P | 200 mn | ${ }^{\text {A }}$ | ALN | tos | BC184L | 2N3707 | 0 |
| 2SC732/V | NS | 1098 | L21 | 35 V | 30 V | 5 V | 100MA | 125C | 300MWF | $40 \mathrm{M} \mathrm{10P}$ | 600 MN | MA | ALN | TOS | BC 1841 | 2N3707 | 0 |
| $2 \mathrm{SC7} 33$ | ns | 1098 | L21 | 35 v | 30 V | 5 V | 100 MA | 125C | 300 MWF | 80 M 14 P | 70 MN | 2 MA | ALG | tos | BC 182 L | 2N3710 | 0 |
| zSC733/B | NS | 1098 | 121 | 35 V | 30 V | 5 V | 100 MA | 125C | 300 MWF | 80M 14 P | 350 MN | 2MA | ALG | TOS | BC182L | 2N3710 | 0 |
| 2SC733/G | NS | 1098 | L21 | 35 V | 30 V | $5 \vee$ | 100 mA | 125C | 300 MWF | 80 M 14 P | 200 MN | 2 MA | AlG | IOS | BC182L | 2N3710 | 0 |
| 2SC733/0 | NS | 1098 | 121 | 35 V | 30 V | $5 v$ | 100mA | 125 C | 300MwF | 80 M 14 P | 70/140 | 2 MA | ALG | TOS | BC 182 L | 2N3710 | 0 |
| 2SC733/Y | AS | 1098 | 121 | 35 V | 30 V | 5 V | 100 ma | 125 C | 300 MWF | 80 M 14 P | 120 MN | 2MA | ALG | TOS | BC182L | 2N3710 | 0 |
| 2SC734 | AS | 1098 | 121 | 70 V | 50 V | 5 V | 150MA | 125C | 300MWF | $75 \mathrm{M} \mathrm{10P}$ | 40MN | 20 MA | AL H | TOS | BC182L | 2N3710 | 0 |
| 2SC734/6 | NS | 1098 | L21 | 70 V | 50 V | 5 V | 150 MA | $125 C$ | 300 MwF | 75 N 10 P | 200m | 20 MA | ALH | tos | BC182L | 2N3710 | 0 |
| 2SC734/0 | NS | T098 | 121 | 70 V | 50 V | 5 V | 150 mA | 125 C | 300MLF | 75M 10P | 70/140 | 20 MA | ALH | ros | BC132L | 2N3710 | 0 |
| 2SC734/R | NS | 1098 | 121 | 70 V | 50 V | 5 V | 150MA | 125C | 300 MWF | 75M 10P | 40/80 | 20 MA | ALH | TOS | BC 182 L | 2N3710 | 0 |
| 2SC734/Y | NS | 1098 | 121 | 70 V | 50 V | 5 V | 150 MA | 125C | 300M WF | 75M 10P | 120 MN | 20 MA | ALH | TOS | BC 1821 | 2N3710 | 0 |
| 2 SC 735 | ns | 1098 | L21 | 35 V | 30 V | 5 V | 400 MA | 125 C | 300 MWF | 150M 14P | $40 / 400$ | 100 MA | AMG | TOS | BCW36 | 2N3704 | 0 |
| 2SC735/G | NS | 1098 | L21 | 35 V | 30 V | 5 V | 400 MA | 125C | 300 MWF | 150N 14 F | 200 mN | 1 COMA | AMG | ros | BCW36 | 2N3704 | 0 |
| 2SC735/0 | NS | 1098 | L21 | 35 V | 30 V | 5 V | 400 MA | 125C | 30 CMWF | 150 M 14 P | 70/140 | 100 MA | AMG | IOS | BCW36 | 2N3704 | 0 |
| 2SC735/R | NS | r098 | 121 | 35 V | 30 V | $5 v$ | 400 ma | 125C | 300 MHF | 150M 14P | 40/80 | 100MA | AMG | tos | BCW36 | 2N3704 | 0 |
| 2SC735/Y | NS | 1098 | 121 | 35 V | 30 V | 5 V | 400 ma | 125C | 30 CMWF | 150N 14 P | 120 MN | 100 MA | AMG | TOS | BCH36 | 2N3704 | 0 |
| 2 SC736 | NS | 103 | L05 | 135 V | 60 V | 5 V | 5 A | 175C | 50 WC |  | 25/70 | 1 A | RHG | OBS | BCY23 | 2N 3445 | 0 |
| $2 \mathrm{SC738}$ | NS | 1092 | L21 | 25 V | 12 V | 4 V | 20MA | 125 C | 150 MWF | 200M 3P | 601 P | 1 MA | VLA | MIT | 8FX 73 | 2N918 | 0 |
| $2 \mathrm{SC739}$ | NS | 1092 | 121 | 25 V | 12v | 4 V | 20 MA | $125 C$ | 150 MWF | 175 M 3P | 601 P | 1 MA | VLA | MIT | BFX73 | 2N918 | 0 |
| 2SC740 | NS | 101 | 102 | 25 V | 12 v | 2 V | 20 MA | 175C | 150 MHF | 450N 3P | 407 P | 10 ma | VLA | M15 | BF×73 | 2N918 | 0 |
| $2 \mathrm{SC741}$ | NS | 1039 | L04 | 40 V | 24 V | $3 v$ | 300MA | 175C | 800 MmF | 250N 6P | 30 TP | 100 mA | VMA | MIT | BSW54 | 2N22194 | A |
| 2 SC752 | NS | 1098 | L21 | 30 V | 12 V | 4 V | 100 MA | $125 C$ | 10 MmFF | 150 M BP | 80 TP | 10 MA | VLS | TOS | BS×20 | 2N 2369 | 0 |
| 2 SC 752 C | NS | 1098 | 121 | 40 V | 15 V | 5 V | 200 mA | 125C | 200MuF | 200M 6P | 40/240 | 10 Ma | VLS | TOS | BS $\times 20$ | 2N2369 | 0 |
| 25C752G/0 | As | 1098 | L21 | 40 V | 15v | 5 V | 200MA | 1250 | 200 MWF | 200M 6P | 70/140 | 10 MA | VLS | tos | BS×20 | 2N2 369 | 0 |
| 2SC7526/R | ns | 1098 | 121 | 40 V | 15 V | 5 v | 200MA | 125 C | 200MwF | 200M 6 P | 40/80 | 10 Ma | VLS | TOS | BS×20 | 2N2369 | 0 |
| 2SC752G/Y | NS | T098 | 121 | 40 V | 15 V | 5 V | 200 MA | $125 C$ | 20 CMHF | 200M 6P | 120 MN | 10 MA | VLS | 10S | BS $\times 20$ | 2N2369 | 0 |
| 2SC756 | NS | 105 | 104 | 130 V | 40 V | 6 V |  | 150C | 10 WC | 30 M | 80 MN | 100 MA | ANH | SOY | BSW66 | 2N1893 | 0 |
| $2 S C 761$ $2 S C 762$ | ns | 1072 | 106 | 30 V | 20 v | 2 V | 20MA | 175C | 150 MWF | 330MOR56 | 13 MN | 2 MA | tug | MAT | BF180 |  | 0 |


| TRANSISTOR NUMBER | $\left\|\begin{array}{c} P M \\ 0 A \\ L T \end{array}\right\| P$ | $\begin{aligned} & \text { PACK- } \\ & \text { AGE } \end{aligned}$ | $\begin{aligned} & \text { LEAD } \\ & \text { INFO } \end{aligned}$ | $\begin{aligned} & \text { VCB } \\ & \text { MAX } \end{aligned}$ | VCE MAX | VEB MAX | ${\underset{\operatorname{MAX}}{\mathbf{C}}}_{\text {C }}^{\text {( }}$ | $\stackrel{\mathbf{T}}{\mathbf{M A X}}$ | TOT | $\begin{array}{ll} F_{\mathrm{T}} & C_{\text {OB }} \\ \text { MIN } \end{array}$ | $\mathbf{H}_{\mathbf{F E}}$ | $\begin{gathered} \mathrm{H}_{\text {FE }} \\ \text { BIAS } \end{gathered}$ | USE N | MFR | $\begin{aligned} & \text { EURO } \\ & \text { EQVT. } \end{aligned}$ | $\begin{array}{l\|l} \text { USA } \\ \text { EQVT. } & \text { IS: } \end{array}$ | ISS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2 SC 763 | NS | 1092 | L21 | $25 V$ | 12 | 3 V | 20ma 1 | 125C | 100 M | 235M 3P | 70 PP | 1 MA | VLA M | MIT | BFX 73 | 91 | 0 |
| $2 \mathrm{SC764}$ | NS | 1018 | 101 | 40 V | 15 | 4 V | 500 MA | 1756 | 360 M | 500M 4P | 40M | 10 MA | VLS | NI | $85 \times 20$ | 2369 | 0 |
| 2SC766 | NS | 103 | 105 | 120 V | 80 V | 5 V | 2A 1 | 150 C | 30 |  | 201180 | 14 | RHH | OBS ${ }^{\text {B }}$ | BU123 |  | 0 |
| 2 SC 767 | NS | 103 | 105 | 180 V | 120 V | 5 V | 2 A | 150C | 30 |  | 20/180 | 14 | R | OBS | BU123 |  | 0 |
| 2 SC769 | NS | 103 | 105 | 120 V | 80 V | 5 V | 10 A 1 | 150C | 50 WC |  | 10/110 | 2 A | RH | OBS B | BU123 |  | 0 |
| 2SC770 | NS | 103 | 105 | 200 V | 100 V |  | 10 A | 150C | 50 wc |  | $10 / 110$ | 2 A | H | OBS | BU123 |  | 0 |
| $25 C 773$ | ns | 1092 | L21 | 50 V | 30 V | 5 V | 200MA | 1250 | 250 MHF | 125M 14P | 35 M | 10 mA | AMG | MIT B | BCW36 | 2N3704 | 0 |
| $2 \mathrm{SC774}$ | NS | 1039 | 104 | 50 V | 30 V | 4 V | 500 MA 2 | 200C | 800 | 100~ 20 P | 20 M | 100 MA | G | MIT ${ }^{\text {B }}$ | BSHS | 19 | 0 |
| 2 SC 175 | NS | T039 | L04 | 75 V | 50 V | 4 V | 14 | 200 C | 800 MHF | 100M 20P | 5 MN | 500 MA | R | MIT | 8SW54 | 2N2219A | 0 |
| $2 \mathrm{SC776}$ | NS | 1039 | $L 04$ | 75 V | 50 V | 4 V | 142 | 200C | 1WF | 100M 20P | $5 M N$ | 500 mA | RMG M | M 1 | BSW54 | 2N2219A | 0 |
| 2SC777 | NS | 1037 | 147 | 75 V | 50 V | 4 V | 1 A | 200 C | 2 W | 75 ${ }^{\text {P } 20 \mathrm{P}}$ | 5 mN | 500 Ma | R MG | MIT | BDY78 |  | 0 |
| $2 \mathrm{SC778}$ | ns | 1066 | 143 | 80 V | 50 V | 4 V | 2 A | 200C | 2500M WF | 75 N 20 P | 5 MN | 500 MA | RHG | MIT | $80 Y 78$ |  | 0 |
| $2 \mathrm{SC780}$ | ns | 1098 | 121 | 70 V | 70 V | 2 V | 20 MA | 125 C | 200 ML | 50M 5P | 60TP | ${ }^{\text {A }}$ | H | TOS | BC3 |  | 0 |
| 2SC780AG | NS | 1098 | 121 | 150 V | 150 V | 5 V | 30 MA | 125C | 150 MWF | 50M 7P | $40 / 240$ | 2 MA | ALH | tos | BC 394 |  | 0 |
| 2 SC 780 AGC | ns | 1098 | 121 | 150 V | 150 V | 5 V | 30MA | 1250 | 150MWF | 50 M 7 P | 70/140 | 2MA | ALH T | T0 | BC 394 |  | 0 |
| ESC780AGR | NS | 1098 | 121 | 150 V | 150V | 5 V | MA | $125 C$ | 15 | 50 N 7 f | 40/80 | 2 MA | ALH | 10S | BC 394 |  | 0 |
| $2 \mathrm{SC780AG}$ | NS | 1098 | 121 | 150 V | 150 V | 5 V | Ma | 125 C | 150 | 50 N 7 P | 120 MN | 2 MA | H | TOS | BC 394 |  | 0 |
| $2 \mathrm{SC780G}$ | NS | 1098 | L21 | 80 V | 80 V | 5 V | 20 MA | 1250 | 100 MWF | 50M 7P | 40 MN | 2 MA | ALH | 105 | BC394 |  | 0 |
| $2 \mathrm{SC781}$ | NS | 105 | 104 | 75 V | 40 | 5 V | 1 A | 175C | 800 MWF | 175M 20P | 80 TP | 150 MA | RMG | NIP | BSW54 | 2N2219A |  |
| 2SC782 | NS | 1066 | 143 | 300 V | 300 v | 5 V | 500 ma | 150 C | 2 OkC | 5 N 100 P | 30/250 | 100 MA | R | tos |  |  |  |
| 2SC782A | NS | 1066 | 143 | 300 V | 300 V | 5 V | 1500 ma | 150C | 25 WC | $\cdots 100$ | 40/35 | 100 ma | RHE | 10s |  | 2N3739 | 0 |
| 2SC783 | NS | 1066 | 143 | 200 V | 200 V | 5 V | 1500 ma | 150C | 25 WC | $5 \mathrm{M1} 100$ | 30/250 | 100 MA | RHE | 105 |  | 2N3 | 0 |
| $2 \mathrm{SC784}$ | NS | 1098 | 121 | 40 V | 30 V | 4 V | 20 mA | 125C | 100 MWF | 250M ORS | 25/140 | 1 MA | FVG | T0S | BF 200 |  | 0 |
| 2SC784/B | NS | 1098 | 121 | 40 V | 30 V | 4 V | 20 MA | 125 C | 100 M | 250M OR9 | $25 / 50$ | 1 MA | FVG | tos | BF200 |  |  |
| 2SC784/R | NS | 1098 | 121 | 40 V | 30 V | 4 V | 20 MA | $125 C$ | 100 MbF | 250\% OR9 | 40/80 | 1 MA | FVG | Tos | BF |  |  |
| 2 S | NS | 10 | 21 | 40 V | 30 | $v$ | 20MA | 125 C | 10 CMHF | 250 M OR9 | 70/140 | 1 MA | G | IOS | BF200 |  |  |
| $2 \mathrm{SC7} 85$ | NS | 109 | 121 | OV | 30 V | 4 V | 20 MA | $125 C$ | 100 MWF | 200M OR9 | 25 MN | 1 MA | FRM | Ios | BF 185 |  | 0 |
| 2SC786 | NS | 107 | 106 | 20 V | 12 V | 2 V | 20 MA | 150 C | 200 | 300MOR55 | 20 MN | 4 MA | FRM | T0S | BF185 |  | 0 |
| $2 \mathrm{SC787}$ | ns | 1072 | 106 | 25V | 20 V | 3 V | 20 MA | 150 C | 150 | 500 M OP6 | 25MN | 2 MA | TUG | ros | BF 183 |  | 0 |
| $25 C 788$ | NS | 105 | 104 | 250 V | 150 V | 5 V | 50 MA | 150C | 800 MhF | 60 N 8 P | 100 TP | 10 MA | ALE | tos | 8F25 |  |  |
| 2 SC 789 | NS | 10 | 32 | 60 V | $60 V$ | 5 V | 4 A | 150 C | 30 | 3M | $40 / 240$ | 500 MA | AHH | 10S | 8058 | 2N6123 |  |
| 2SC789/R | NS | $109 \in 6$ | L32 | 60 V | V | 5 V | 4 A | 150C | 30 w | 3M | 40/80 | 500 mA | AHH | Tos | BD589 | 2 |  |
| 25C789/0 | NS | 10 | 132 | 60 V | 60 V | 5 V | 4 A | 150 C | 30 WC | 3 M | 70/140 | 500MA | H | TOS | 80589 | 2N6123 | 0 |
| 2SC789/Y | ns | 10P66 | L32 | 60 V | 60 V | 5 V | 4 A | 150C | 30 WC | 3 M | 120 MN | 500 MA | AHH | TOS | BD589 | 2N6123 |  |
| $2 \mathrm{SC791}$ | NS | 1066 | 143 | 90 V | 60 V | 5 V | 1500 ma | 150C | 15 WC | 10 M | 40/250 | 200 MA | RH | TOS | BDY |  |  |
| 2 SC792 | NS | 10 | L | 40 | 30 | 5 V | 1500~A | 150 C | 5 CWC | 5 M | 30/200 | 300 MA | RHE | ro | BU120 |  | 0 |
| $2 \mathrm{SC793}$ | NS | 103 | L05 | 10 | 80 V | 5 V | 7 A | 150 C | 60 | 5 N 400 P | 30/200 | 1 A | RH | 10 | BU123 |  | 0 |
| 2SC793/B | NS | 103 | LC5 | 100 V | 80 V | 5 V | 7 A | 150 C | 60 WC | 5 N 400 F | 85/200 | 1 A | RHH | T0S | BU123 |  | 0 |
| $2 \mathrm{SC} 793 / \mathrm{R}$ | NS | 103 | L05 | 100 V | 80 v | 5 V | 7 A | 150 C | 60 WC | 5 M 400 P | $30 / 70$ |  | RHH | TOS | $8 \cup 123$ |  | 0 |
| 25C793/Y | NS | 103 | L05 | 100 V | 80 V | 5 V | 7A | 150C | 60 WC | 5 M 400 P | 50/120 | 14 | RHH | IOS | BU123 |  |  |
| 2SC7 | NS | $\times 03$ | L05 | 250 V | 200 V | 6 V | 4 | 15 | 900 |  | 70 MN | 10 MA | RLE | Sor | BDY79 | 2N5050 |  |
| 2 SC 79 | As | 105 | L04 | 40 V | 30 V | 2 V | 500 MA | 1756 | 500 MW | 115 M 10 P | 501P | 15 MA | VMS | FUS | BSX59 | 2N3725 |  |
| 2 SC797 | NS | 105 | 104 | 60 V | $35 v$ | 2 V | 500MA | 175 C | 50 Mm | 75 M 10P | 30 TP | 15 MA | VMS | FU | BSX59 | 2N3725 |  |
| 2SC798 | NS | 105 | L04 | OV | 35 | 4 V | 1500MA | 175 C | 700 MWF | 45M 18P | 501 TP | 15 MA | AM | FU | BFY50 | 2N229 |  |
| $2 \mathrm{SC799}$ | NS | 105 | 104 | 80 V | 40 V | 5 V | 3 A | 175C | 10WC | 75 M | 50/90 | I50MA | AHG | N1P | BSV64 | 2N487 |  |
| zSC802 | NS | 105 | 104 | 60 V | 35 | 4 V | 500 MA | 175C | 1 WF | 90~ 10 F | $301 p$ | 150 MA | AMG | FUJ | BFY50 | 2N2297 |  |
| 2 SC 803 | NS | 105 | L04 | 60 V | 35 V | 4 V | 1500 MA | 17 | 5 WC | 45 M | 20/300 | 400 MA | AHG | fuJ | BFY50 | 2N229 |  |
| $25 C 804$ | NS | 1072 | L06 | 15 V | 13 V |  | 20 MA | 1750 | 150 MWF | 600MOR 45 | 501 P | 1 MA | IUG | SOY | BFY90 |  |  |
| $25 C 805$ | NS | 105 | 104 | 100 V | 100 V | 5 V | 200MA | 1750 | 750 MWF | $80 \mathrm{M} \mathrm{3P}$ | 100TP | 3 MA | ALH | SOY | BFY65 | 2N1990 | 0 |
| $2 \mathrm{SC815}$ | ns | 1092 | 121 | 60 V | 45 V | 5 V | 200MA | 1250 | 250 MWF |  | 801P | 10 Ma | AMH | NIP | BCW | 2 N | 0 |
| C816 | NS | 105 | 04 | 60 V | 30 V | 4 V | 1 A | 200 C | F | 60\% 24 P | 55 MN | 10 cma | AMG | OBS | BFY50 | 19 | 0 |
| $2 \mathrm{SC818}$ | NS | 105 | 104 | 160 V | 120 V | 5 V | 100 MA | 150 C | 800 MWF | 50M 9P | 20 | 10 MA | AMH | OBS | B SW66 | 1893 | 0 |
| 2SC821 | NS | 1039 | 104 | 40 V | 20 V | 4 V | 600MA | $175 C$ | 1700 MHC | 175M | 20 MN | 100 mA | RMG | mat | BSW54 | 2N | ${ }^{0}$ |
| $2 \mathrm{SC822}$ | nS | 1039 | 104 | 40 V | 20 V | 4 V | 800 ma | 1756 | 2500 MWC | 200M | 20MN | 100 MA | RM | Mat | BSW54 | 2N3739 | ( $\begin{aligned} & 0 \\ & 0\end{aligned}$ |
| zSC825 | NS | 1066 | 143 | 300 V | 300 V | Ev | 2 A | 1756 | 30 | 7 M | 250 | 500 MA | RHE | FUS |  |  | 0 |
|  | NS | 105 | LC4 | 100 V | 60 V | 6 V | 300ma | 175C | 700 MWF | 10 M 20 P | 100TP | 5 CMA | AMH | fuJ | BSW66 | 2N1893 | 0 |
| 2 SC 827 | NS | 105 | LC4 | 100 V | 60 V | 6 V | 300 mA | 175C | 700 MWF | 10M 20P | 370 TP | 50 MA | AMH | FUJ | BSW66 | 2N1893 | 0 |
| 2SC828 | NS | 1092 | L21 | 30 V | 30 | 5 V | 50 MA | 1256 | 250 MWF |  | 65 MN | 2 MA | ALG | MAI | BC 182 | 2N3710 | 0 |
| 2SC828A | ns | 1092 | L21 | 45 V | 45 V | 5 V | 50 MA | 125 C | 250 MHF |  | 65 MN | 2 MA | ALG |  |  | 2N3710 | 0 |
| 2SC829 | NS | 1092 | L 21 | 30 V | 20 V | 5 V | 30 MA | 125C | 25 CMWF | 75 M | 40 MN | 1 MA | ALG | Mat | BC182L | 2N3710 | 0 |
| 2SC830 | NS | 1066 | 143 | 50 V | 50 V | 4 V | 3 A | 1750 | 25 WC | 10 M | 35/200 | 1 A | RHG | ${ }^{\text {H1J }}$ | B0Y78 |  | - |
| $2 \mathrm{SC833}$ | NS | 1066 | 143 | 450 V | 300 V | 6 V | 2 A | 150 C | 25 WC | 10 M | $40 / 80$ | 100 MA | RH | TOS |  |  |  |
| 2SC838 | NS | 1092 | L21 | 50 V | 25 V | 5 V | 30 MA | 125 C | 250 MhF | 125M 3 P6 | 75 TP | 500 UA | ALN | NIP | BC18 | 2N3707 | 0 |
| 2SC8 39 | NS | T092 | L21 | 50 V | 25 | 5 V | 30 MA | 125 C | 250 MHF | 125 ${ }^{\text {M }}$ | 7519 | 500 UA | ALN |  | BC184 | 2N3707 | 0 |
| 2 SC 840 | NS | 1066 | 143 | 100 V | 60 V | 5 V | 2 A | 150C | 20 HC | 25M | 30 | A | RHG | Mat | B0Y78 |  |  |
| 2 SC 840 A | ns | 106t | 143 | 150 V | 100 V | 5 V | 2 A | 150 C | 20wC | 25M | 30 MN | 1 A | RHH | MAT | BDY79 | 2N5050 | 0 |
| 2 SC 844 | NS | 105 | 104 | 40 V | 17v | 2 V | 400 MA | 1756 | 3500 MWC | 400 M | 10/200 | 100 MA | AM | FU | BSW54 | N2219A | A 0 |
| $2 \mathrm{SC845}$ | NS | 105 | 104 | 55 V | 30 V | 3 V 5 | 400 MA | $175 C$ | 3500 MWC | 400 M | 10/200 | 100 MA | A UM | FU | BSW54 | 2N2219 | 0 |
| 2 SC 847 | NS | 1018 | L01 | 30 V | 20 V | 5 V | 200MA | 175 C | 500 MWF | 35M 20P | $1601 P$ | 10 MA | AM | FUJ | BSx33 | 2N731 | 0 |
| 2SC848 | NS | 1018 | LOL | 30 V | V | $5 v$ | 200MA | 175 C | 500 MHF | $30 \mathrm{M} \mathrm{20P}$ | 160TP | 1 CMA | A AM | FUJ | BSX33 | 2N731 | 0 |
| $2 \mathrm{SC849}$ | ns | T018 | 101 | 30 V | 20 V | 5 V | 200 MA | 175C | 500 MhF | 30 N 20 P | 160TP | 10 MA | A AMG | fuJ | ES×33 | 2N731 | 0 |
| 2 SC 850 | NS | T018 | L01 | 50 V | 30 V | 7 V | 500 ma | $175 C$ | 500 MHF | 35M 20 P | 1601P | 10 MA | A AMG | FUJ | J BSX33 | 2N731 | 0 |
| 2SC851 | NS | N 103 | 105 | 50 V | 25v | 5 V | 8 A | 200C | 75 WC | C 110 M | 20/250 | 5 A | A VH | N1P | B DY60 |  | 0 |
| 2 SC 852 | NS | S012 | 109 | 45 v | 25 V | 3 V | 80 mA | 175 C | 500 MHF | 800M 3P5 | 100 rP | 20 MA | A UMA | A | BS×12 | 2N3303 | 0 |
| $2 \mathrm{SC854}$ | ns | 105 | 104 | 40 V | 20 V | 2 V | 300MA | 175 C | 2500 MWC | C 400 M | 10/200 | 100 ma | A UMS | FUS | BSx12 | 2N3303 | 0 |
|  |  | 5 | 104 | 40 V | 20 V | 2 V | 400MA | 1750 | 3hC | C 400 M | 10/200 | 200 ma | A UMS | FUJ | SS $\times 12$ | 2N3303 | 0 |
| $2 \mathrm{SC856}$ | NS | T01 | L02 | 150 V | 150 V | 5 V | 100 mA | 1750 | 300 MWF | F 25 M 20P | P 30 MN | 10 MA | A ALH | Hil HIJ | BSx21 | 2N1990R | R 0 |
| 2 SC 857 H | NS | S 101 | LO2 | 150 V | 150 V | 5 V | 200 MA | 175C | 200 MHF | F $\mathrm{F}^{25 \mathrm{M}}$ 20P | 30 MN 240 TP | 10 MA | A A ALH ALN | AL H HIJ <br> N  | BS | 2N1990R | R $\begin{aligned} & 0 \\ & 0 \\ & 0\end{aligned}$ |
| 2SC858 2SC859 | NS | S 1092 <br> S 1092 | L21 | 120 V | 12 V | 5 V | 50 MA | 125 C | 100 MWF 100 MWF | F 90 M $6 P$ <br> 90 M 68  |  | 1 IMA | A ALN | N/ SAN | N ${ }^{\text {BC1 }} 184 \mathrm{~L}$ | - ${ }^{\text {2N3707 }}$ | 0 |


| TRANSISTOR NUMBER | $\left\lvert\, \begin{gathered} \text { PM } \\ \mathbf{O A} \\ \mathbf{L T} \end{gathered}\right.$ | $\begin{array}{\|r\|} \hline \text { PACK- } \end{array}$ | $\begin{array}{\|l\|} \text { LEAD } \\ \text { INFO } \end{array}$ | $\begin{aligned} & \text { VCB } \\ & \text { MAX } \end{aligned}$ | $\begin{gathered} \text { VCE } \\ \text { MAX } \end{gathered}$ | $\begin{aligned} & \text { VEB } \\ & \text { MAX } \end{aligned}$ | C MAX | $T$ $\underset{\text { MAX }}{\mathrm{J}}$ | TOT | $\begin{aligned} & \mathbf{F}_{\mathbf{T}} \\ & \text { MiN } \end{aligned}$ |  | $\mathbf{H E}_{\text {FE }}$ | $\begin{gathered} \mathrm{H}_{\mathrm{FE}} \\ \text { BIAS } \end{gathered}$ | USE | MFR | EURO EQVT. | $\begin{aligned} & \text { USA } \\ & \text { EQVT. } \end{aligned}$ | ISS |
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| 2SC 860 | NS | 1072 | 106 | 15 V | 12 V | 3 V | 30 MA | 125 C | 200 MwF | 400 M | 2P2 | 801 | 1 MA | VLA | SAN | 73 | 2N918 | 0 |
| $2 \mathrm{SC864}$ | NS | 5072 | 106 | 40 V | 30 V | 4 V | 25 MA | 150C | 200 M | 360 M | OR5 | 39 | 7 MA | A | TOS | EF 173 |  | 0 |
| 2SC868 | NS | 1092 | 140 | 130 V | 40 V | 5 V | 30 MA | 1250 | 200 | 75 M |  | 35 MN | 1 MA | RLH | MIT | BS×21 | 2N199 OR | 0 |
| 2SC869 | NS | 1092 | 140 | 160 V | 40 V | 5 V | 30 MA | $125 C$ | 200MWF | 75N |  | 35 NN | 1 mA | RLH | MIT | BS×21 | 2N1990R | 0 |
| 2 SC 870 | AS | T092 | 140 | 30 V | v | 4 V | 30 ma | 125 C | 200 | $75 N$ | 5 P | 250TP | 1 MA | ALN | MIT | BC184L | 2N3707 | 0 |
| 2SC871 | NS | 1092 | 140 | 30 V | $25 v$ | 4 V | 30 NA | 125 C | 200 MWF | 15M | 5 P | 3507 | 1 MA | ALN | MIT | BC 184 L | 07 | 0 |
| 2 SC 875 | NS | 1039 | 104 | 75 V | 75 V | 4 V | 50 CmA | $150 C$ | 500 MWF | 85 M | 10 P | 100TP | 50 MA | RMH | SAN | BSH54 | 2N221 | 0 |
| 2 SC876 | AS | 1039 | 104 | 50 V | 50 V | 4 V | 500MA | 150 C | 500 MHF |  |  | 1009 | 50 MA | RMG | SAN | BSW54 | 2N2219 | 0 |
| $2 \mathrm{SC890}$ | NS | 1039 | L04 | 40 V | 20 V | 3 V | 400ma | 175C | 4 WC | 600 M |  | 20 MN | 10 cma | UMA | NIP |  |  | 0 |
| 2SC893 | NS | 1037 | 147 | 100 V | v | 6 V | 300 MA | $175 C$ | 12 WC | 10 M |  | 50/370 | 50 Ma | RMH | FUJ | BDY 78 |  | 0 |
| $2 \mathrm{SC895}$ | NS | $\times 03$ | 105 | 38 cV | 90 V | 8 V | 2500 mA | 1506 | 18 WC | 10 M |  | 20/350 | 100 Ma | E | SOY |  | 2N3739 | 0 |
| 2SC896 | NS | 1018 | LC 1 | 55 V | 30 V | 5 V | 200ma | 150 C | 300 MWF | 100 N | 7P | 701P | 5 MA | ALG | NIP | BC107 | Al 57 | 0 |
| 2SC898 | AS | 103 | L05 | 15 CV | 100 V | 5 V | 7A | 175C | 80 WC |  |  | 25/200 | 1 A | RHH | HIJ | BCY79 | 2N5050 | 0 |
| 2SC899 | NS | 1092 | L21 | 50 V | 25 V | 5 V | 30 MA | 125 C | 250 MWF | 75 N |  | 115 TP | 5 COUA | ALN | NIP | BC184L | 2N3707 | 0 |
| 2SC900 | NS | 1092 | L21 | 30 V | 25 V | 5 V | 20 MA | 125C | 250 MkF | 75 M |  | 2501 | 50CUA | ALN | NIP | BC 184 L | 2N3707 | 0 |
| 2SC901 | ns | 103 | L05 | 200 V | 200 V | 6 V | 5 A | $150 C$ | 50 |  |  | $4 / 2$ | $5 \triangle$ | RHE | MAT | BU120 |  | 0 |
| 2SC901A | NS | 103 | LC5 | 25 CV |  | 6 V | 5 A | 150 C | 50 h |  |  | 14/25 | 5A | RHE | MAT | BU120 |  | 0 |
| 2 SC 903 | NS | 1092 | 140 | 35 V | 30 V | 4 V | 300 NA | 125C | 200 MWF | 75 N | 16 P | 10019 | 150MA | AMG | MIT | 8CW36 | 2N3704 | 0 |
| $2 \mathrm{SCSC4}$ | NS | T092 | 140 | 50 V | 45 v | 4 V | 300 NA | 125C | 200 MWF | 75 M | 16 P | 100tP | 150 MA | AMG | M It | BCW36 | 2N3704 | 0 |
| $2 \mathrm{SC9} 05$ | NS | 1092 | 140 | 65 V | 60 V | 4 V | 300 MA | 125 C | 200MWF | 75 M | 16 P | 1007 P | 150MA | $A^{\prime} \mathrm{G}$ | MIT | BCW36 | 2N3104 | 0 |
| 2SC908 | AS | 105 | L04 | 40 V | 24 V | 3 V | 500MA | 1756 | 5WC | 400 N |  | 5 MN | 100MA | VME | MIT | BSW54 | 9 | 0 |
| $2 \mathrm{SC912}$ | NS | 101 | L02 | 30 V | 25 V | 4 V | 100MA | 150 C | 5 CMmF | 75 N | 5 P | 90Tp | 10 MA | ALG | MIT | BC107 | A157 | 0 |
| 2SC913 | NS | 1018 | LCl | V | 35 V | 5 V | 300NA | 175C | 300 MmF |  | 5 P | 45 MN | 30 MA | RNS | NIP | BSx20 | 2N 236 | 0 |
| 2 SC 914 | ns | T018 | LCI | 40 V | 35 V | 5 V | 300MA | 175C | 300 MWF |  | 5 P | 45 | 30 | RMS | NIP | BS $\times 20$ | 2N2369 | 0 |
| $2 \mathrm{SC9} 15$ | NS | 1018 | 101 | 40 V | 35 V | 5 V | 300 MA | 175 C | 300NWF |  | 5 P | 45 MN | 30 MA | S | NI ${ }^{\text {P }}$ | BS $\times 20$ | 2N2369 | 0 |
| $2 \mathrm{SC9} 16$ | NS | 108 | L12 | 100 V | 70 V | 6 V | 2 A | 1750 | 2 WF |  | 38 P | 40/120 | 4 COMA | RHH | NIP |  | 2N2782 | 0 |
| $25 C 917$ | NS | 101 | LC2 | 40 V | 40 V | 3 V | OMA | 175C | 30 CMWF | 904 | 2 P | 8MN | 10 MA | RLG | HIJ | BFX 13 | 2N918 | 0 |
| 2SC918 | NS | 1072 | 106 | 20 V | 20 V | 3 v | 30 MA | 1750 | 375 MWF | 2004 | OR9 | 20 MN | 4 MA | RM | SOY | BF 185 |  | 0 |
| - SC92 | NS | 1092 | L21 | 30 V | 25 V | 5 V | 20NA | 1250 | 250 MWF |  |  | 507 | OUA | N | NIP | BC 184 L | 7 | 0 |
| 2SC924 | ns | ros 2 | 121 | 30 V | 15 V | 5 V | 20 MA | 1250 | 250 MWF |  |  | 100tP | 500UA | ALG | NIP | BC192L | 2N3710 | 0 |
| 2SC926 | NS | $\times 20$ | 42 | 115 V | 115 V | 3 v 5 | loona | 125 C | 10 CMhF | 80 N | 4P5 | 501p | 1 MA | H | Scy | BS×21 | 2N1990R | 0 |
| 2 SC927 | As | 1072 | 106 | 30 V | 15 V | 3 V | 20NA | 1250 | 150 mm | 250 M | 2 P | $80 T \mathrm{P}$ | 1 MA | VLA | SAN | BFX73 | 2N918 | 0 |
| 2SC928 | As | 1072 | LCE | 30 V | 15 V | 3 V | A | 1250 | 150 M | 250 M | 2 P | 80 TP | IMA | VLA | SAN | BFX 73 | 918 | 0 |
| こSC929 | NS | 1092 | L21 | 15V | 10 V | 5 V | A | 125C | 120 | 150 N | $3 P 5$ | 100 T | 1 MA | VIA | SAN | BFX73 | 18 | 0 |
| くSC930 | As | 1092 | L 21 | 15 V | lov | 5 V | 30 Na | 125 C | 120 MWF | 150 N | $3 P 5$ | $80{ }^{\text {P }}$ | 1 MA | VLA | SAN | BFX73 | 2N918 | 0 |
| $2 \mathrm{SC931}$ | NS | TOP66 |  | 50 V | 50 | 4 V | 3 A | 1250 | 1 CW | 60 M |  | 0 N | 14 | AHG | SAN | BD589 | 2N6123 | 0 |
| 2SC932 | As | T0P66 |  | 30 V | 20 V | 4 v | 3 A | 1256 | 1 CWC | 60 M |  | 70 MN | 14 | AHG | SAN | 80589 | 2N6123 | 0 |
| 2SC933 | NS | 10166 | 128 | 50 V | 30 V | 5 V | 300MA | 1250 | 200 MNF | 250 M | 10P | 100tP | 20 MA | VMa | SAA | BSW64 | 2N2222A | 0 |
| zSC9 | NS | 10166 | L28 | 20 V | 15 V | 5 V | 300MA | 125C | 200 NFF | 250 N | 10 P | 100 TP | 20 MA | VNA | SAN | BSW64 | 2N2222A | 0 |
| $2 \mathrm{SC935}$ | NS | 103 | L05 | 300 V | 300 V | 5 V | 2500MA | 175C | 12 WC |  |  | 8 MN | 300 MA | RHE | HIJ | BU120 |  | 0 |
| $2 \mathrm{SC9} 39$ | NS | 103 | 1 C 5 | 150 V | 60 | $7 v$ | 54 | 150 C | 50 |  |  | 15/120 | 5 A | RHG | Nip | BDY23 | 445 | 0 |
| 2 SC 740 | AS | 103 | LC5 | 200 V | 90 | 7 V | 5 A | $150 C$ | 50 WC |  |  | 15/120 | 5 A | RHH | NIP | BU120 |  | 0 |
| $2 \mathrm{SC941}$ | As | 1098 | L21 | 35 V | 30 V | 4 V | OMA | 1250 | 200 MWF | ON | 3 P | 40/240 | 2 MA | RLG | ros | BC182L | 2N3710 | 0 |
| 2SCs4110 | NS | T098 | L21 | 35 | 30 V | 4 V | 20MA | 125C | 20 cm | 80 | 3 P | 70/140 | 2 MA | RLG | ros | BC132L | 2N3710 | 0 |
| 2SC941/R | NS | TC98 | L21 | 35 V | 30 V | 4 V | 20 N | 125C | 200 MWF | 804 | 3 P | $40 / 80$ | 2 MA | RLG | tcs | BC182L | 2N3710 | 0 |
| 2SC941/ | ns | TCS8 | 121 | 35 V | 30 V | 4 V | 20 MA | $125 C$ | 200 mWF | 30M | 3 P | 120 MN | 2 N | RLG | ros | BC182L | 2N3710 | 0 |
| 2SC943 | NS | T018 | 1 Cl | tov | 40 V | 8 V | 200MA | 150 C | 300 MmF | 150 N | 6 P | 80 M | 10 MA | RMG | NIP | BSW64 | 2N2222A | 0 |
| $2 \mathrm{SC944}$ | NS | TC+2 | 421 | 60 | 40 V | 9 V | 100 mA | 125C | 250 MWF | 200 N | 3 F | $60^{\mathrm{Na}}$ | 2MA | RM | NIP | BCW36 | 2N3704 | 0 |
| 2 SC 947 | ns | T072 | 106 | 25 V | 20 V | 3 V | 2 CmA | 1750 | 15 CNWF | 325M | OR 7 | 10 MN | 2 MA | Tum | nat | 8F182 |  | 0 |
| $2 \mathrm{SC948}$ | NS | 1072 | LC6 | 25 V | 20 V | 3 v | 20 MA | 175C | 150 MmF | 400 M | OR 7 | 24 TP | 3 MA |  | mat | BF 193 |  | 0 |
| $2 \mathrm{SC957}$ | ns | 1072 | 106 | 30 V | 30 V | 3 v | 100ma | 175 C | ONWF | 350N | 1R1 | 13 MN | 1 MA | ivo | soy | F183 |  | 0 |
| $2 \mathrm{SC9} 59$ | NS | 105 | LC4 | 120 V | 80 V | 5 V | 700 ma | 175C | 9 wC |  |  | 30/100 | 20cma | RN | NIP | BSW54 | 2N2219A | 0 |
| 2 SC979 | NS | 1018 | L01 | 70 V | 50 V | 5 V | 100 ma | 175 C | 300M WF | 250~ | 5 P | $40 / 240$ | 10 MA | RLG | ICS | BSW64 | 2N2222A | 0 |
| 2SC97910 | As | 1018 | LCl | 70 V | sov | 5 V | 100NA | 1750 | 300 MWF | 250 M | 5 P | 70/140 | 1 cma | RLG | tos | BSW64 | 2N2222A | 0 |
| 2SC979/R | NS | 1018 | L01 | 70 V | 50 V | 5 V | 1 COMA | 1750 | 300 NWF | 250 M | 5 P | $40 / 80$ | 10 MA |  | ros | BSW64 | 2N2222A | 0 |
| 2SCs79/Y | As | 1018 | L01 | 70 V | 50 V | 5 V | 100~A | 175C | 300 MmF | 250 N | 5 P | 120NN | 10 MA | RLG | ros | BSW64 | 2N2222A | 0 |
| 2SC979A | NS | 1018 | LCl | 100 V | 70 V | 5 V | 100 MA | 175 C | 30 CMW | 250 M | 5 P | $40 / 240$ | 10 MA | RLG | tos | BSW64 | 2N2222A | 0 |
| 2SC979a/C | NS | r018 | LCl | 100 V | 70 V | 5 v | 100ma | 175 C | 30 CMWF | 250 M | 5 P | 70/140 | 1 CMA | RLG | tos | BSW 64 | 2N2222A | 0 |
| 2SC979A/R | as | 1018 | LCl | 1 cov | 70 V | 5 v | 100 Na | 175 C | 300 MWF | 250M | 5 P | 40/80 | 10MA | RLG | TOS | BSW64 | 2N2222A | 0 |
| 2SC980 | as | T092 | L21 | 70 V | 50 v | 5 V | logma | 1256 | 200 MWF | 200 M | 6 P | 70 P9 | 10 mA | ALG | Tos | BCW36 | 2N3704 | 0 |
| 2SC9804/G | NS | 1092 | L21 | 90 V | 70 V | 5 V | 100 Na | 125C | 200 MWF | 200 N | 5 P | 40 mN | 10 MA | RMG | ros | BSW64 | 2N 22224 | 0 |
| $2 \mathrm{SC983}$ | NS | $\times 19$ | L41 | 250 V | 150 V | 5 v | 50 Na | 150 C | 600 MWF | 60 M | 5P5 | 8 ¢TP | 1 CMA | ALE | TOS | BS×21 | 2N1990R | 0 |
| $2 \mathrm{SC988}$ | NS | 1072 | L06 | 20 V | 15 v | 3 V | 30 MA | 150 C | 150 MWF | 1500M | OP 7 | 30 MN | 1 cma | SLA | OBS |  |  | 0 |
| 2SC988 | ns | 1072 | 106 | 20 V | 15 V | 3 V | 30 Na | 150 C | 150 M | 1500 N | OR 7 | 30 mN | 10 MA | Sla | NIP |  |  | 0 |
| 2SC988s | As | 1072 | L06 | 20 V | 15 V | 3 V | 30 MA | 1506 | 150 M | 750 | 7 | 30 mN | 10 mA | SLA | NIP |  |  | 0 |
| $2 \mathrm{SC988B}$ | NS | 1072 | L06 | 20 V | 15 V | 3 V | 30 ma | 150 C | 150 MmFl | 1750 M | OR7 | 30 NN | 10 MA | SLA | Nip |  |  | 0 |
| $2 \mathrm{SC991}$ | AS | T039 | LC4 | 36 V | 24 V | 4 V | 40 CNA | 1750 | 600 MWF | 250 M | 10P | 30 MN | 100 ma | RMG | tos | BSW54 | 2N2219A | 0 |
| 2SC992 | ns | 1039 | 104 | 36 V | 36 V | 4 V | 600MA | 1750 | 600 NWF | 250 M | 10 P | 30 mN | 100 ma | RNG | ros | BSW54 | 2N2219A | 0 |
| 2SC994 | NS | 1035 | 104 | 36 V | 15 V | 3 V | 100 MA | 1756 | 60 CMWF | 250 N | 70P | 7018 | 100 MA | RMG | OBS | BSW54 | 2N2219A | 0 |
| 2 SC 995 | NS | 1039 | L04 | 300 V | 300 V | 5 V | 150 MA | 150 C | 800 MWF | 40 N | PP5 | 25/240 | 50 MA | RHE | tos | 8F259 |  | 0 |
| $2 \mathrm{SCO96}$ | NS | 1037 | 147 | 300 V | 300 V | 5 V | 150MA | 150C | 1200 MhF | 40 M | 5P5 | 25/240 | 50 MA | RHE | tos |  | 2N3739 | 0 |
| $2 \mathrm{SC997}$ | NS | 1072 | 106 | 30 V | 30 V | 4 V | 25NA | 150 C | 175 MmF | 350 M | OP2 | 25 MN | 4 MA | TIG | tos | BF167 |  | 0 |
| 2SC998 | NS | 1039 | 104 | 40 V | 24 V | 4 V | 400ma | 1756 | 600 MWF | 225 N | 10P | 501 P | 50 MA | RMG | Cos | BSW54 | 2N2219A | 0 |
| $2 \mathrm{SC1000}$ | NS | 1092 | L21 | 55 V | 50 V |  | 100 ma | 125 C | 200 NmF | 40 N | 10 P | 300 tp | 2 MA | ALN | Ins | BC184L | 2N3707 | 0 |
| 2SC1CO6 | NS | T018 | LOI | 50 V | 40 v | 5 V | 30 ma | 150 C | 300 MhF | 50 N | 10 P | 600tp | 1 M | ALN | $N \mathrm{I}$ | BC109 | 2N930 | 0 |
| 2SC1010 | ns | 1018 | LCl | 50 V | 40 V | 5 V | 30 MA | 150 C | 300 MmF | 50 M | 10 P | 550 TP | IMA | ALN | NIP | BC 109 | 2N930 | 0 |
| 2SC1012A | NS | 1035 | 104 | 250 V |  | 5 V | 60 MA | 1750 | 2500 MWC | 50 N |  | 20 mN | 40 MA | VLE | MAT | BF259 |  |  |
| 2SC1024 | AS | 1066 | L43 | 6 CV | 50 V | 4V | 3 A | 150C | 25 WC |  |  | 70N | 14 | AHG | SAN | BUY38 | 2N3054 | 0 |
| $2 \mathrm{SClO25}$ 2 SCl 033 | NS | $106 t$ 1018 | 14 | 120 V | 8 CV | 4 V | 3 A | 150 C | 25 WC 300 MWF | 75 M | 7 p | 80 mN | [ 200 mA 5 | AHH | SAN | ( $\begin{aligned} & \text { B } \mathrm{BY} 72 \\ & \mathrm{BSX21}\end{aligned}$ | 2N3441 | 0 |


| TRANSISTOR NUMBER | PM <br> OA <br> P | $\begin{aligned} & \text { PACK- } \\ & \text { AGE } \end{aligned}$ | $\begin{aligned} & \text { LEAD } \\ & \text { INFO } \end{aligned}$ | $\begin{aligned} & \text { VCB } \\ & \text { MAX } \end{aligned}$ | $\begin{array}{\|l\|} \text { VCE } \\ \text { MAX } \end{array}$ | $\begin{aligned} & \text { VEB } \\ & \text { MAX } \end{aligned}$ | $\begin{gathered} \mathrm{I} \\ \mathrm{MAX} \end{gathered}$ | $T$ J MAX | TOT | $\begin{array}{ll} \text { F } & C_{0 B} \\ \text { MIN } & \text { MAX } \end{array}$ | $H_{F E}$ | $\begin{array}{c\|c} \mathrm{H}_{\mathrm{FE}} \\ \text { BIAS } \end{array}$ | USE | MFR | EURO EOVT． | $\begin{aligned} & \text { USA } \\ & \text { EQVT. } \end{aligned}$ | ISS |
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| 二SClC33A | NS | T018 | LCl 2 | 250 V | 200 V | 5 V | 10MA | 175C | 30 CMFF | 75\％7F | 20 NN | 5 MA | E | MAT B | BF259 |  | 0 |
| 25 Cl 1047 | NS | 1092 | Lく1 | 30 V | 20 V | 3 V | 15NA | 125 C | 150 MWF 3 | 325M 1R6 | 40 MN | IMA T | M | MAT B | BF182 |  | 0 |
| $2 \mathrm{SClC56}$ | AS | TC5 | LC4 2 | 260 V 2 | 260 V | 5 V | 100NA | 1250 | 475 MWF | 75M 10P | 20 M | ICNA V | VLE | sor | BF259 |  | 0 |
| $25 C 1060$ | NS | 10266 | L33 | 50 V |  | 4 V | 3A | 150 C | 25WC |  | 80 TP | 1 A A | AHG | HIJ |  | 2N6293 | 0 |
| 2SC10¢1 | NS | TOP66 | L32 | 50 V |  | 4 V | 34 | 150 C | 25 kC |  | 801 | 1 A A | AHG | HIJ ${ }^{\text {d }}$ | BD589 | 2N6123 | 0 |
| $25 C 1162$ | NS | T012t | L31 | 35 v |  | 5 v 1 | 1500 mA | 150 C | 8HC |  | 35／320 | 1500ma | AMG | －IJ | B0169 | 2N4923 | 0 |
| 2SC1173／G | NS | TCP 66 | L32 | 45 V | 30 V | 5 V | 3 A | 150C | 25 WC | 1 M | 200 MN | 5coma | AHG | TOS ${ }^{\text {B }}$ | 80589 | 2N6123 | 0 |
| 2SC1212 | As | 10126 | L31 | 60 V |  | 4 V | 1 A | 1256 | 750 MWF |  | 35／320 | 50 ma A | AMG | HIJ | BD169 | 2N4923 | 0 |
| 2SC1212A | AS | 10126 | L31 | 90 V |  | 4 V | 1 A | 1256 | 750 MWF |  | $35 / 320$ | 50 MA A | AMH | HIJ | 80169 | 2N4923 | 0 |
| 2SC1173 | NS | TOP6t | L32 | 45 V | 30 V | 5 V | 3A | 150 C | 25hC | 1 N | 40／240 | 500 ma A | AHG | tos | BD 589 | 2N6123 | 0 |
| 2SC1173／R | NS | TCPEE | 132 | 45 V | 30 V | 5 V | 3A | 150 C | 25WC | 1 M | $40 / 80$ | 500 MA | G | IOS | 80589 | N6123 | 0 |
| 2SC1173／C | NS | TOP 66 | L32 | 45 V | 30 V | 5 V | 3A | 150 C | 25 WC | 1 M | 70／140 | $500 \mathrm{~mA} A$ | AHG | Tos | 80589 | N6123 | 0 |
| 2SC1173／Y | NS | TOP66 | しこ2 | 45 V | 30 V | 5 V | 3A | 150 C | 25nC | IN | 120 NN | 500 mA A | HG | TOS | 80589 | N6123 | 0 |
| 250234 | NS | TOP6E | L32 | 60 V | 50 V | 10 V | 3A | 150C | 25 WC | $500 \times 400 \mathrm{P}$ | 401240 | 500 | AHG | T0 | 9 | 2N6123 0 | 0 |
| 2S0234／0 | NS | TCP6E | L 32 | 60 V | 50 V | 10 V | 3 A | 150C | 25 kc | 500K400p | 70／140 | 500 ma a | AH | tos | B0589 | 2N6123 | 0 |
| 2S0234／R | NS | TOP 66 | 132 | 60 V | 50 V | 1 CV | $3 \Delta$ | 150 C | 25wC | $500 K 400 \mathrm{P}$ | 4C／80 | 500 ma | AHG | ICS | 40589 | 2N6123 | 0 |
| 2S0234／Y | As | TOP 66 | L32 | 60 V | 50 V | 10 V | 3 A | 1500 | 25WC | 500K 400 P | 120 MN | 500 MA | AHG | TOS | 80589 | 2N6123 | 0 |
| 2S0235 | NS | T0P66 | L32 | 40 V | 35 V | 10 V | 3 A | 1506 | 25 hC 5 | 500K4COP | 401240 | 500 MA | $\triangle H G$ | TOS | RD589 | 2N6123 | 0 |
| 25023510 | AS | TOP66 | L 32 | 40 V | 35 V | 10 V | 3 A | $150 C$ | 25 WC | 500 K 400 P | $70 / 140$ | 500 ma | AHG | TOS | 80589 | 3 | 0 |
| 2S0235／R | As | TOPEE | L32 | 4 CV | 35 V | 1 CV | 3 A | 150C | 25 WC | 50 JK 4 COP | 40／80 | 500 mA | A | ins | 589 | 2N6123 | 0 |
| ＜50235／Y | ns | TOP66 | 132 | 40 V | 35 v | 10 V | $3{ }^{\text {3 }}$ | 1506 | 25 WC | 500k 400 P | 120 MN | 500 MA | AHG | TCS | RD589 | 2N6123 | 0 |
| 7172 | AS | 10うF | L44 | 80 V | 60 V | 5 V | 2 A | 1756 | 2W |  | 30／90 | $1 \Delta$ | AHH | SEU |  |  | 0 |
| 1212 | NS | 105F | 144 | 80 V | 60 V | 5 V | 2 A | 1750 | 2 hF |  | 751200 30190 | 200mA ${ }^{1 /}$ | AHH | $\begin{aligned} & \text { SEU } \\ & \text { SEU } \end{aligned}$ |  |  | $\begin{aligned} & 0 \\ & 0 \end{aligned}$ |
| 1312 | NS | T05F | L44 | 80 V | 60 V | 5 V | 1 l | 1750 | 2 hc 2 WC |  | $30 / 90$ $75 / 200$ | 2000 ma | AMH | SEU |  |  | 0 |
| 7412 | AS | TC5F | 144 | 80 V | 60 V | 5 V | 14 | 175C | 2WC |  | $75 / 200$ | 200 ma |  |  |  |  |  |
| 10 CJ 2 | NS | 103 | LC5 | 120 V | EOV | 10 V | 5A | 1756 | 85 hc |  | 30／80 | 2 A | H | SEU | BDY74 | 2N3442 | 0 |
| 10452 | AS | 103 | L05 | 6 CV | 50 V | 5 V | 5A | 2006 | 85 WC |  | 20 MN | 2 A | AHG | SEU | BCY74 | 2N344 | 0 |
| 10812 | NS | 103 | LCS | 12 CV | 80 V | 10 V | 304 | 200c | 175 WC | 10 N | $20 / 60$ | 10 A | RHH | SEU | BDY58 BDY58 |  | $\begin{aligned} & 0 \\ & 0 \end{aligned}$ |
| 10972 | NS | 103 | 105 | 150 V | 125 V | 10 V | 304 | 200 C | 175 WC | 10 M | 20／60 | 150 | RHH | $\begin{aligned} & \text { SEU } \\ & \text { SFU } \end{aligned}$ | BDY58 |  | $\begin{aligned} & 0 \\ & 0 \end{aligned}$ |
| 11112 | ns | 1039 | 104 | 60 V |  | 4 V |  | 175 C | 800 MWF |  | 30／120 | 150 MA | SMS | SFL |  |  | 0 |
| 11172／18 | NS | 18 | C4 | tcV |  | $4 \mathrm{~V}^{\circ}$ |  | 175 C | 50 CNF |  | 30／120 | 150 Na | SMS | SEU |  |  | 0 |
| 18012 | NS | 103 | LC5 | 60 V | tov | 10 V | 6 6 | 200C | 87 hC | 10 N | 15／45 | 24 | RHG | SEU | BCY25 |  |  |
| 18112 | ns | IC3 | LC5 | 100V | 90 V | 10 V | 6 A | 200C | 87 WC | 10 M | $30 / 90$ $75 / 180$ | 2 A | RHH | SEU | BDY 25 BDY 25 |  |  |
| 19212 | NS | 103 | LC5 | 200 V | 140 V | 10 V | 6 6 | 200C | 87 nc 87 mC | 10 M 10 N | $75 / 180$ $15 / 45$ | 2 A | RHE | SEU | BDY26 |  | 0 |
| 18312 | ns | 103 | LC5 | 300 V | 180 V | 10 V | 64 | 200c | 37mC | $10^{N}$ | 15／45 |  | RHE | SEU | BDY26 |  | 0 |
| 18412 | NS | 103 | L05 | 40 CV | 200 V | 10 V | 6 A | 200C | 87 WC | ， | 30／90 | A | HE | SEU | BCY27 |  | 0 |
| 18572 | NS | 103 | L05 | 500 V | 250 V | 10 V | 6 A | 200 C | 87 hC | 10 M | 75／180 | 2 A | RHE | SEU | BDY2 8 |  | 0 |
| 40022 | PG | 103 | LC5 | 32 V |  | 5 V | 5 5 | 100 C | 12 WC | 150k | 38 mN | $1 \Delta$ | AHG | RCU | AS216 | 2N1536 | 0 |
| 40050 | PG | 103 | L05 | 4 cv |  | 5 V | 54 | 1000 | 12 NC | 250 K | 50 MA 50 MN |  | AHG A |  |  | 2N1536 | c |
| 4 CCSI | PG | 103 | LC5 | 50 V |  | 5 V | 5 5 | 100C | 12hC | 250 K | 50 MN | 1 1A | AHG | RCU | AS216 | 2N1536 | 0 |
| 40084 | NS | 1018 | LCl | 60 | 40 V | $5 v$ | 14 | 200 C | 50 CNWF | 100～ 15 P | 50／250 | 15 CMA | AHC | RCU | 85×33 | 2N731 | 0 |
| 40217 | NS | $104 t$ | LCi | 25 V |  | 3 v |  | 175 C | 300 MWF | 200M 10 P | 20 NN | 1 CMA | ALC | OBS | BC 107 | A157 | 0 |
| 40218 | AS | TC46 | LCI | 25 V |  | 5 V | 5 CMA | 1756 | 300 MWF | 200N 5P | 20 MN | loma | ALG | OBS | BC107 BC107 |  | 0 |
| 4 C 219 | ns | 1046 | LC1 | 40 V | 15 v | 5 V |  | 2006 | 350 NWF | 300 N <br> 350 P <br> 8 P | 30 MN 25 MN | 10 MA | ALG | oes | BC107 | 2N2222 | 0 |
| 4C22C | NS | 1046 | LG1 | 40 V |  | 5 V | 20CMA | 1756 | 300 wF | 350 N 4 P | 25 MN | ICMA | RNS | oes | BSW64 | 2N22224 | 0 |
| 40221 | NS | TC4t | LCl | 40 V | 15 V | 5 V |  | 200 C | 360 MWF | 250 ${ }^{\text {N }}$ P | 30 MN | 1 CMA | RMS | oes | 8S×20 | 2N2369 | 0 |
| 40222 | as | TC4t | LCI | 25 V |  | 3 V | 200mA | 1750 | 300 MWF | 200 M | 20 MN | 10 NA | RNS | ORS | BS $\times 20$ | 2N236 | 0 |
| 40231 | NS | 1018 | LC 1 | 18 V | 18 V | 5 V | 100 Na | 1756 | 500 Mh | 30 N 44 P | $55 / 180$ | 2Na | ALN | RCU | BC107 |  | 0 |
| 40232 | AS | TC18 | LCl | 18 V | 18 V | 5 V | 1 cona | 1750 | 500 MWF | 30N 44 P | 90／300 | 2 NA | ALN | rcu | BC109 | 2N930 | 0 |
| 40233 | NS | T018 | LC1 | 18 V | 18 V | 5 V | 100 ma | 175 C | 50 CMWF | 30 N 44 F | $90 / 300$ | 2 Na | aln | RCU | BC109 | 2 N 30 |  |
| 40234 |  | TC18 | LCl | 18 V | 18 V | 5 V | 100ma | 1750 | 400 MWF | 30 M 44 P | 35／180 | 2NA | Ala | RCU | EC 107 |  | 0 |
| 40235 | ns | 1072 | LC6 | 45 V |  | $4 V 5$ | 50 MA | 1750 | 180 NWF | 500 MPP 65 | 40／170 | 1 ma | TUG | RCU | 8F130 |  | 0 |
| $4023 t$ | NS | 1072 | LOt | 45 V |  | 4 V 5 | 50 MA | 1756 | 180 MmF | 500NOP 65 | 401275 | Ima | TUM | RCU | BF182 |  | 0 |
| 40237 | NS | T072 | L06 | 45 V |  | 4 V 5 | 50 NA | 175 C | 180 MhF | 500MOP65 | 27／275 | 1 mA | tia | RCU | BF173 |  | 0 |
| 40238 | ns | 1072 | LC6 | 45 V |  | 4V5 | 50 mA | 175 C | 180 MWF | $400 \mathrm{MCPG5}$ | $40 / 170$ |  |  |  |  |  |  |
| 40239 | ns | 1072 | LC6 | 45 V |  | $4 v 5$ | 50 MA | 1756 | 180 MmF | $400 \mathrm{NCP65}$ | 27／100 | 1 ma | IIG | RCU | ef 167 |  | 0 |
| 40240 | as | T072 | LC6 | 45 V |  | 4 V 5 | 50 MA | 1750 | 180 MWF | 400 M PP65 | 27／275 | 1 MA | TIG | RCU | BF157 |  | － |
| 4 C 242 | NS | 1072 | LCE | 45 V |  | 4V5 | 50 mA | 175 C | 180 cmF | CP65 | $40 / 170$ | IMA | FVG | RCU | BF200 |  | 0 |
| 40243 | NS | 1072 | LC6 | 45 V |  | 4 V 5 | 50 MA | 175 C | 180 MWF | IR35 | 40／170 | 1 MA | FRN | RCU | BF185 |  | 0 |
| 40244 | ns | 1072 | LC6 | 45 V |  | 4 V 5 | 5 CNA | 1750 | 180 | CP8 |  |  |  |  |  |  |  |
| 4 C | NS | 1072 | LC6 | 45 V |  | $4 \mathrm{V5}$ | 50 MA | 1750 | 18 CMMF | 125 | $70 / 275$ | 1 MA | FRH | RCL | BF134 |  | 0 |
| $4024 t$ | As | 1072 | LC6 | 45 V |  | 4 VJ | 50 MA | 1750 | 18 MMFF | 125 | 27190 | 1 1 MA | FRM | RCL | BF185 BUY 38 |  | 0 |
| 4 C 25 C | AS | T06t | 143 | 50 V | 40 V | 5 v | 4 A | 2000 | 29 WC |  | $25 / 100$ 251100 | 1500 ma | ${ }^{\text {AHG }}$ | RCU |  |  | 0 |
| 40250 Vl | NS | 1066 | 143 | sov | 40 V | 5 V 5 v | $4 A$ $15 A$ | 200 C 200 C | 6 WC 117 WC |  | 15／60 | 94 | AHG | RCL | 8DY2C | 2N3055 | 0 |
| 40251 | ns | 103 | LC5 | 50 V | 40 V | 5 V | 15 A |  |  |  |  |  |  |  |  |  |  |
| 40253 | PG | TO1 | LC2 | 25 V | 25 V | 2 v | 500 MA | 900 | 125 NmF | 500k | 50 MN | 40CNA | ANG | CES | AC128 | 2N270t | c |
| 40254 | DG | T03 | 105 | 32 V |  | 5 V | 5 A | 100 C | 12 WC | 150 K | 38 NN | 1 CA | AHG | RCU | AS216 <br> BF25 | 2N1536 | O |
| 40255 | ns | S TC5F | 144 | 450 V | 350 V | 7 V | 14 | 200 C | 10 WC | 20 M | $40 / 160$ | 20 CmA | TVM | OBS | BF257 |  | 0 |
| 40256 | As | TCSF | 144 | 300 V | 250 V | 7 7 | 1 L | 200 C | 10 WC 80 MmF | 20 M 3 P 7 | $7 \begin{array}{r}40 / 160 \\ 80 T P\end{array}$ | 1MA | VLG | ORS | AF124 | 2N991 | 0 |
| 4 C 261 | G | PG TOL | 102 | 50 V |  | OV5 | 10 MA | 35C | 80 MmF |  |  |  |  |  |  |  |  |
| 40262 | PG | G 101 | LC2 | 5 CV |  | OVb | 10 ma | 85 C | ECNWF | 20～3P7 | 7 gotp | ${ }^{1 \sim} \mathrm{Na}$ | VLe | CRS | AF 124 | 2N991 | 0 |
| 40263 | ${ }^{\text {PG }}$ | G TOI | L02 | 20 V |  | 2 V | 50 MA | 100 C | 12 cmWF |  | $1 \in O T P$ | 1MA | A ALG | CBS | S $\begin{aligned} & \text { AF } 125 \\ & \text { PF } 337\end{aligned}$ | 2N406 2N4927 | 0 |
| 40264 | ns | ¢ obs | ces | 300 V | 300 V | $7 v$ | 100 NA | 150 C | 4WC | $12^{M}$ | $30 / 150$ 50 MN | 50 MA 12 MA | A AMF | OBS | S $\begin{aligned} & \text { BF } 337 \\ & \text { ACY } 17\end{aligned}$ | 2N4927 2N1188 | 0 |
| 40269 | PG | C 105 | LC4 | 425 V |  | 12 V 5 V | 100 mA | $85 C$ 2006 | 150 MWF 400 NWF | 250～ 10 F | F $\begin{aligned} & 50 \mathrm{MN} \\ & 10 \mathrm{mN}\end{aligned}$ | 500 MA | A RMG | CBS | SSW64 | 2N2222A | A 0 |
| 40283 | NS | S 1046 | LC1 | 60 V | 30V | 5 V |  | 2006 | 400 NFF | 250 N |  |  |  |  |  |  |  |
| 40294 | ns | S 1072 | LCE | 6 30 V | V 15 V | V 2 5 5 | 4 CNA | 200C | 200NWF | 1 G 1 P | P 30／150 | 3 MA | A ULA | A RCU | EfY90 | 2N2957 | 0 |
| 40295 | NS | S 1072 | LC6 | $6 \mathrm{3v}$ | V 20 V | 3 V |  | 200 C | 200 MWF | 700M 1P5 | $530 / 200$ | 2MA | A ULA | A RCU | S ${ }^{\text {BFY } 90}$ | 2N2857 2N2857 |  |
| 40296 | AS | S TC72 | LC6 | 3 30V |  | 2 V 5 | 40 Ma | 200C | 200 MWF |  | 3015 701350 | $50^{2 m \mathrm{ma}}$ | A AMG | G RCU | U ${ }^{\text {BFY50 }}$ | 2N2297 | － |
| 40309 40310 | AS | S TC5 | LC4 |  | 18 V 35 V | 2 c <br> v <br> 2 5 | 700MA | A 200 C <br> 200 C  | 1 WF 29 hC | $)^{50 \mathrm{M}}$ | $70 / 350$ $20 / 120$ | 0 1－1A | A AHG | G ${ }_{\text {RCU }}$ | UUY38 | 2N3054 | 0 |


| TRANSISTOR | $\left\|\begin{array}{c} P M \\ O A \\ \text { LT } \end{array}\right\|$ | PACK- | $\left\|\begin{array}{l} \text { LEAD } \\ \text { INFO } \end{array}\right\|$ | $\begin{aligned} & \text { VCB } \\ & \text { MAX } \end{aligned}$ | $\begin{gathered} \text { VCE } \\ \text { MAX } \end{gathered}$ | VEB MAX | ${ }_{\text {MAX }}^{\mathbf{c}}$ | $\underset{\text { MAX }}{\mathbf{T}}$ | TOT | $\begin{array}{ll} F & C_{O B} \\ \text { MIN } & \text { MAX } \end{array}$ | $H_{F E}$ | $\begin{gathered} \mathrm{H}_{\mathrm{FE}} \\ \mathrm{BIAS} \end{gathered}$ | USE | MFR | EURO EQVT. | USA EQVT. | ISS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 40311 | NS | tC5 | 104 |  | 30 V | 2V5 | 700MA | 2006 | 1WF | 50 M | 75/350 | 50 ma | AMG | RCU | Bfy50 | 2N2297 | 0 |
| 40312 | NS | 1066 | 143 | 60 V |  | 2V5 | 4 A | 200 C | 29 WC | 375K | 20/120 | 1 A | AHG | RCU | BUY 38 | 2N3054 | 0 |
| 40313 | NS | 1066 | 143 | 300 V |  | 2v5 | 2 A | 200C | 35WC |  | 40/250 | 100 Ma | AHE | RCU |  |  | 0 |
| 40314 | AS | 105 | 104 |  | 40 V | 2V5 | 700MA | 200C | 1WF | 50 M | 35/150 | 50 MA | AMG | RCU | BFY50 | 2N2297 | 0 |
| 40315 | NS | 105 | 104 |  | 35 V | 2V5 | 700 mA | 200C | 1WF | 50 M | 70/350 | 50 MA | AHG | RCU | BFY50 | 2N2297 | 0 |
| 40316 | ns | 1066 | 143 |  | 40 V | $5 v$ | 4 A | 200 C | 29WC | 375k | 20/120 | 1 A | AHG | RCU | BUY38 | 2N3054 | 0 |
| 40317 | NS | 105 | 104 |  | 40 V | 2 V | 700 MA | 200C | 1 wF |  | 40/200 | 10 MA | AHG | RCU | BFY50 | 2N2297 | 0 |
| 40318 | NS | 1066 | 143 | 300 v | 150 V | 6 V | 2 A | 200C | 35 WC |  | 50 MN | 500 mA | AHE | RCU | BDY 72 | 2N3441 | 0 |
| 40319 | PS | 105 | LC4 |  | 40 V | 2V5 | 700 MA | 200C | 1 1WF | 50 M | 35/200 | 50 MA | RMG | RCU | BFS95 | 2N4036 | 0 |
| 40320 | ns | 105 | LC4 |  | 40 V | 2V5 | 700MA | 200C | 1 WF |  | 40/200 | 10 MA | AMG | RCU | BFY50 | 2N2297 | 0 |
| 40321 | As | 105 | 204 |  | 300 V | 5 V | 1 A | 200C | 1 WF |  | 25/200 | 20 MA | AME | RCU | BUY60 | 2N3439 | 0 |
| 40322 | NS | T0ét | 143 |  | 300 V | 6 V | 2 A | 200C | 35 WC |  | 75 MN | 500 MA | AHE | RCU |  | 2N6235 | 0 |
| 40323 | NS | 105 | 104 |  | 18 V | 2V5 | 700MA | 200C | 1 WF | 50 M | 70/350 | 50 MA | AMG | RCU | BFY50 | 2N 2297 | 0 |
| 40324 | NS | 1066 | 143 |  | 35 V | 2V5 | 4 A | 200C | 29 WC | 375K | 20/120 | 1 A | AHG | RCU | Buy38 | 2N3054 | 0 |
| 40325 | AS | 103 | 105 | 35 V | 35 V | 5 V | 15 A | 200 C | 117 WC |  | 12/60 | 8 A | AHG | RCU | BDY20 | 2N3055 | 0 |
| 40326 | NS | 105 | 104 |  | 40 V | 2 V | 700MA | 200C | 16F |  | 40/200 | 1 CMA | AMG | RCU | BFY50 | 2N2297 | 0 |
| 40327 | ns | T05 | 104 | 300 V |  | 5 V | 1 A | 200 C | 16F |  | 40/250 | 2 CMA | AME | RCU | BUY60 | 2N3439 | 0 |
| 40328 | AS | 1066 | 143 | 300 V |  | 6 V | 2 A | 200C | 35WC |  | 20MN | 1 A | AHE | RCU |  | 2N6235 | 0 |
| 40346 | NS | 105 | 104 | 175 V | 100 V | 4 V | 1 A | 2000 | 1 WF | 10M | 25MN | 10 MA | AME | RCU | BuY60 | 2N3439 | 0 |
| 40346 Vl | ns |  | LC4 | 175 V | 100V | 4 V | 1 A | 200C | 1WF | 10 M | 25MN | 10 MA | AME | RCU |  |  | 0 |
| 40346 V 2 | NS | T05F | 144 | 175 V | 100v | $4 v$ | 1 A | 200C | 1 WF | 10 M | 25 MN | 10 MA | AME | RCU |  |  | 0 |
| 40348 | NS | TC5 | LC4 | 90 V | 65 V | $7 v$ | 1500 MA | 200C | 16F |  | 30/100 | 300 ma | AHE | RCU | BFY50 | 2N2297 | 0 |
| 40348 Vl | NS |  | 104 | 90 V | 65 V | $7 V$ | 1500 mA | 200 C | 5 HF |  | 30/100 | 300MA | AHC | RCU |  |  | 0 |
| 40348 V 2 | NS | 105F | 144 | 90 V | 65 V | $7 v$ | 1500 MA | 200 C | 12 hC |  | 30/100 | 300 MA | AHG | RCU |  | 2N2197 | 0 |
| 40349 | NS | 105 | 104 | 160 V | 140 V | $7 v$ | 1500 ma | 200C | 16F |  | 25/100 | 150 MA | AME | RCU | BSW67 | 2N5082 | 0 |
| $4 \mathrm{C349V1}$ | NS |  | LC4 | 160 V | 140 v | $7 v$ | 1500 MA | 2000 | 1WF |  | 25/100 | 150 mA | AME | RCU |  |  | 0 |
| 40349 V 2 | NS | 105F | 144 | 160 V | 140 V | 7 V | 1500 mA | 200C | 1 wF |  | 25/100 | 150 MA | AME | RCU |  |  | 0 |
| 40350 | ns | 1072 | LC6 | 35 V |  |  | 25 MA | 175 C | 180 MWF |  | 40 MN | 2 MA | ULA | OES | BFx73 | 2N918 | 0 |
| 4 C 351 | NS | 1072 | 106 | 35 V |  |  | 25 MA | 175C | 180 MWF |  | 40 NN | 2 ma | Ula | OBS | BFX73 | 2N918 | 0 |
| 40352 | NS | 1072 | 106 | 35 V |  |  | 25 MA | 175C | 180 MWF |  | 27 NN | 2 MA | ULA | CBS | BFX 73 | 2N918 | 0 |
| 40354 | ns | TC18 | LCl |  | 150 V | $5 v$ | 50 mA | 1750 | 500 MWF | 50M 3P5 | 557 P | 10 MA | TVM | RCU | BF 257 |  | 0 |
| 40355 | NS |  |  |  | 150 V | 5 V | 50MA | 175 C | 1 hF | $50 \mathrm{M} \mathrm{3P5}$ | 551P | 10 MA | TVM | RCU |  |  | 0 |
| 40360 | NS | TC5 | 104 |  | 70 V | 4 V | 700 MA | 200C | 1 hF | 50 N | 40/200 | 10 MA | AMH | RCU | BSW6 6 | 2 N 4001 | 0 |
| 40361 | NS | 105 | 104 | 70 V |  | 4 V | 700 MA | 200C | 1WF | 50 M | 75/350 | 50 MA | AMG | RCU | BFY50 | 2N2297 | 0 |
| 40362 | PS | 105 | 104 | 70 V |  | 4 V | 700 MA | 200C | 1 wF |  | 35/200 | 50 MA | AMG | RCU | BFS95 | 2N4036 | 0 |
| 40363 | AS | 103 | LC5 | 70 V |  | 4 V | 15A | 200 C | 115 WC | 350k | 20/70 | 4 A | AHG | RCU | BDY20 | 2N3055 | 0 |
| 40364 | NS | 1066 | 144 | 60 V |  | 4 V | 7 A | 200C | 35 wC | 8 M | 35/175 | 50 CMA | AHG | RCU | BDY79 | 2N3738 | 0 |
| 40366 | NS | 105 | 104 | 120 V | 65 V | 7 V | 1 A | 200C | 1 wF |  | 40/120 | 150 MA | AMH | RCU | BSW66 | 2N4001 | 0 |
| 40367 | ns | IC5 | 1.4 | 100 V | 55v | 12 V | 1500 ma | 200C | 1 WF |  | 35/100 | 2 CCMA | AHC | RCU | BFY50 | 2N2297 | - |
| 40372 | NS |  | 143 | 90 V | 55 V | 7 V | 4 A | 200C | 6WF | 800k | 25/100 | 500 MA | AHG | RCU |  |  | 0 |
| 40347 | ns | TC5 | 104 | 60 V | 40 V | $7 v$ | 1500 ma | 200C | 1 WF |  | 25/100 | 450 MA | AMG | RCU | BFY50 | 2N2297 | 0 |
| 40347 Vl | NS |  | 104 | 60 V | 40 V | $7 V$ | 1500 MA | 200C | 4 kC |  | 25/100 | 45 CmA | AMG | RCU |  |  | 0 |
| 40347 V 2 | NS | 105F | 144 | 60 V | 40 V | $7 v$ | 1500 ma | 200C | 11 hc |  | 25/100 | 450 mA | AMG | RCU |  |  | 0 |
| 40373 | NS |  | 143 | 160 V | 140 V | $7 v$ | 4 A | 200C | 6WF |  | 20/80 | $5 \operatorname{COMA}$ | AHE | RCU |  |  | 0 |
| 40374 | AS |  | 143 | 250 V | $175 v$ | 6 V | 5 A | 200 C | 15WF | 15M120P | 40 MN | 100 MA | RHH | RCU |  |  | - |
| 40375 | NS |  | 143 | 120 V | 50 V | $7 v$ | 7 A | 200C | 6 wF | 60M175P | 50/200 | 5 COMA | AHG | RCL |  |  | 0 |
| 40385 | ns | TC5 | 104 | 450 V | 350 v | $7 v$ | 1 A | 200C | 1 WF | 15M 10P | 40/160 | 2 cma | RME | RCU | BUY60 | 2N3439 | 0 |
| 40389 | NS |  | 104 | 60 V | 40 V |  | 700MA | 200 C | 1 WF | 100M 15 P | 50/250 | 15 cma | AHG | RCU | BFY50 | 2N3053 | 0 |
| 40390 | NS |  | LC4 | 300 V | 250 V |  | 1 A | 200 C | 3W5A | 15M ICP | 40/160 | 20 MA | A ME | RCU | BuY60 | 2N3439 | 0 |
| 40391 | PS |  | 104 | 60 V | 40 V | 7v | 14 | 200 C | $3 \mathrm{H5C}$ | 60M | $50 / 250$ | 150 MA | RMG | RCU | BFS95 | 2N4036 | - |
| 40392 | NS | T05F | 144 | 60 V | 40 V | 5 V | 700 MA | 200C | 7wC | 100 M 15 P | 50/250 | 15 cma | AMG | RCU |  | 2N2197 | 0 |
| 40394 | PS | T05F | 144 | 60 V | 40 V | $7 v$ | 1 A | 200C | 1WF | 60M 30P | 50/250 | 150 MA | AM G | RCU | BFS 95 | 2N4036 | 0 |
| 40397 | ns | 1018 | LCl | 25 V | 25 V | 7 V | 200MA | 175C | 500 MWF | 50 M 20 P | 165 MN | 10 MA | AMG | RCU | ES $\times 33$ | 2N731 | - |
| 40398 | NS | 1018 | LC1 | 25 V | $25 v$ | 7 V | 200 MA | 1750 | 500 MmF | 50M 20 P | 75/300 | 10 MA | AMG | RCU | BS $\times 33$ | 2N731 | 0 |
| 40399 | ns | 1018 | LO1 | 18 V | 18 V | $7 v$ | 200 mA | 175C | 500 MWF | 25 ${ }^{\text {H } 20 \mathrm{P}}$ | 165 MN | 10 MA | RMG | RCU | BSx33 | 2N731 | 0 |
| 40400 | NS | 1018 | 101 | 18 V | 18 V | $7 v$ | 200ma | 175C | 500 MWF | 25M 20P | 75/300 | 10 ma | RMG | RCU | 85×33 | 2N731 | 0 |
| 40403 | PG | T05 | LC4 | 30 V |  | 20 V | 200MA | $85 C$ | 200 MWF |  | 15 MN |  | AMG | OBS | ACY17 | 2N1188 | 0 |
| 40404 | ns | 1046 | LCI | 40 V |  | 5 V |  | 175 C | 1 wF |  | 25 MN | 10 MA | AMG | 08S | BS $\times 33$ | 2N731 | 0 |
| 40405 | NS | 1046 | LC1 | 40 V | 16 V | 5 V | 500MA | 200 C | 300 mbF | 300~ 3P5 | 20 MN | 50 MA | R MG | RCU | BSW64 | 2N2222A | - |
| 40406 | PS | 105 | 104 |  | 50 v | 4 V | 700 MA | 200C | 1 wF | 50 M | 30/200 | 100UA | ALS | RCU | BFS 95 | 2N4036 | 0 |
| 40407 | ns | 105 | 104 |  | 50 V | $4 v$ | 700 MA | $200 C$ | 1WF | 50 M | 40/200 | 1 MA | ALE | RCU | BFY 50 | 2N2297 | 0 |
| 40408 | NS | 105 | LC4 |  | 90 V | $4 V$ | 700 MA | $200 C$ | 1 wF | 50 M | $40 / 200$ | 10 MA | AMH | RCU | BSW66 | 2N4001 | 0 |
| 40409 | NS |  | LC4 | 90 V |  | 4 V | 700MA | 2006 | 3WF | 50 M | 50/250 | 150 MA | AMH | RCU | B SW66 | 2N4001 | - |
| 40410 | PS |  | L04 | gov |  | 4 V | 700 MA | 200C | 3WF | 50 M | 50/250 | 150 MA | AMH | RCU | BFR23 | 2N4929 | 0 |
| 40411 | NS | 103 | 105 | 90 V |  | 4 V | 30A | 200 C | 150 WC | 400k | 35/100 | 4 A | AHG | RCU | B0x40 | 2N3772 | 0 |
| 40412 | ns | 105 | L03 | 25 CV | 150 v | 3 v | 1 A | 2000 | 1 WF | 10M 10P | 40 MN | 30 MA | AME | RCU | BuY60 | 2N3439 | 0 |
| 40412 V 1 | NS |  | 103 | 250 V | 150 V | 3 V | 1 A | 200 C | 4mF | 10N 10 P | 40 mN | 30 Ma | A ME | RCU |  |  | 0 |
| 40412 V 2 | NS | T05F | 144 | 250 V | 150 V | 3 V | 1 A | 200C | 1 WF | 10M 10 P | 40 MN | 30 MA | AME | RCU | BuY60 | 2N3439 | 0 |
| 40413 | NS | 1072 | 106 | 35 V | 20 V | 3 V |  | 200C | 200 MHF | 700 M 1 P5 | 30/200 | 2 MA | ULG | RCU | BFY90 | 2N2857 | 0 |
| 40414 | NS | 1072 | 166 | 30 V | $15 v$ | 2V5 | 40 MA | 200C | 200MWF | $161 P$ | 30/150 | 3 MA | ULG | RCU | BFY90 | 2N2857 | 0 |
| 40421 | PG | 103 | LC5 | 75 V | 50 V | 1 V 5 | 5 A | 100C | 50 WC | 2 M | 62/175 | 1 A | RHG | RCU | AL103 | 2N1906 | 0 |
| 40422 | NS | 1066 | 143 | 300 V |  | 2 V | 150 MA | 150C | 8wC | 25M | $50 / 250$ | 50 MA | RME | CES |  | 2N3739 | 0 |
| 40423 | NS |  | 143 | 300 V |  | 2 V | 150 mA | 150 C | 3W8F | 25M | $50 / 250$ | 50 MA | R ME | OBS |  | 2N3739 | 0 |
| 40424 | AS | 1066 | 143 | 300 V |  | 2 V | 150 mA | 150C | 8 WC | 25M | 30/150 | 5 cma | RME | OBS |  | 2N3739 | 0 |
| 40425 | NS |  | 143 | 300 V |  | 2 V | 150 mA | 150 C | 3W8F | 25M | 30/150 | 50 MA | RME | OBS |  | 2N3739 | 0 |
| 40426 | NS | 1066 | 143 | 300 V |  | 2 V | 150 ma | 1500 | 8 wC | 25M | 20/100 | 50 MA | RME | OBS |  | 2N3739 | 0 |
| 40427 | NS |  | 143 | 300 V |  | 2 V | 150 MA | 150C | 3 HBF | 25M | 20/100 | 50 MA | RME | cos |  | 2N3739 | 0 |
| 40439 | PG | 103 | 105 | 320 V |  | 2 V | 10A | 85 C | 40 wC |  | 15 MN | 6 A | RHE | RCU | AUl06 | 2N5155 | 0 |
| 40440 | PG | 103 | 105 | 200 V |  | 2 V | 10 A | 85 C | 40 WC |  | 15 MN | 6 A | RHE | RCU | AUl06 | 2N5155 | 0 |
| 40444 | ns | 103 | LC5 | 120 V |  | 7 V | 20A | 2006 | 140 WC |  | 20 MN | 5 A | АНН | O8S | BDx50 | 2N3773 | 0 |


| TRANSISTOR NUMBER | $\begin{aligned} & \text { PM } \\ & \text { OA } \\ & \text { LT } \end{aligned}$ | $\begin{aligned} & \text { PACK- } \\ & \text { AGE } \end{aligned}$ | $\begin{aligned} & \text { LEAD } \\ & \text { INFO } \end{aligned}$ | VCB MAX | VCE MAX | VEB MAX | I <br> C MAX | T <br> $J$ MAX | TOT | $\begin{array}{ll} F_{1} & C_{0 B} \\ \text { MIN } & \text { MAX } \end{array}$ | $\mathbf{H E}_{\text {FE }}$ | $\begin{aligned} & \mathrm{H}_{\mathrm{FE}} \\ & \text { BIAS } \end{aligned}$ | USE | MFR | $\begin{aligned} & \text { EURO } \\ & \text { EQVT. } \end{aligned}$ | $\begin{aligned} & \text { USA } \\ & \text { EQVT. } \end{aligned}$ | ISS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 40457 | AS | TC18 | LCI | 25 V | 25 v | $7 v$ | 14 | 1750 | 500 MWF | 80~ 20P | 60 mN | GCONA | RMG | OBS | ES×33 | 2N731 | 0 |
| 40458 | AS | 1046 | LC1 | 60 V | 40 V | 8 V | 14 | 1756 | 500 MWF | 150M 20P | 50 MN | 300 mA | RMG | RCU | ES×33 | 2N731 | 0 |
| 40459 | NS |  | LC 1 | 60 V | 40 V | 8 V | 14 | 175C | 1 WF | 100N | 100 MN | loma | RNG | CBS | BS×33 | 2N731 | 0 |
| 40462 | PG | TC3 | L05 | 40 V | 40 V | 5 V | 54 | 100C | 50 WC | 300k | 50MN | 14 | AHG | RCU | ASZ16 | 2N1536 | 0 |
| 40464 | As | TC3 | L05 | 35 V | 35 V | 4 V | 54 | 150C | 40 WC | 2 M | 30/170 | 2 A | $\triangle H C$ | OPS | 8CY20 | 2N3055 | 0 |
| 40465 | As | TC3 | LC5 | 40 V | 40 V | 4 V | 54 | $150 C$ | 4 ChC | 2 M | $50 / 170$ | $2 \Delta$ | AHg | OBS | EDY20 | 2N3055 | 0 |
| 40466 | AS | IC3 | LC5 | 50 V | 50 V | 4V | 5 A | 150 C | 40 WC | 2 M | 5C/170 | 2 A | AHG | oes | 80Y20 | 2N3055 | 0 |
| 40491 | NS |  | 143 | 30 CV | 300 v | 2 V | 150MA | $150 C$ | 3 W8F | 13 N 10 F | 30/250 | 5 CMA | R ME | RCU |  | 2N3739 | 0 |
| 40500 | NS | 1018 | LC: | 30 V | 30 V | $7 v 5$ | zoona | 175 C | 500 MWF | 80N 20 P | 100 mN | 1 CMA | AMG | CBS | B5×33 | 2N731 | 0 |
| 40519 | NS | TC4t | LCl | 40 V | 16 V | 5 V | 50CMA | 200C | IWF | 300M 3P5 | 20Mn | SCMA | VMP | RCU |  |  | 0 |
| $4 C 537$ | PS | 105 | LC4 | 55 V |  | 5 V | 700MA | 2006 | 1 hF | 50 N | 50/300 | sona | ang | RCL | BFS95 | 2N403t | 0 |
| 40538 | PS | TC5 | L04 | 55 V |  | 5 V | 700ma | 200C | 1WF | 50 M | 15/90 | 5 coma | AMG | RCL | BFS95 | 2N4036 | 0 |
| 40539 | NS | 105 | LC4 | 55 V |  | 5 V | 700Ma | 200C | IWF | 50 M | 15/90 | 50 ma | AMG | RCU | BFY50 | 2N 2297 | 0 |
| 40544 | NS | 105 | L04 | 50 V |  | 5 V | 100ma | 200 C | 1 hF | 50 M | 35/200 | SOMA | ANG | RCU | BFY50 | 2N2297 | 0 |
| 40595 | PS | TC5 | LC4 | G5v |  | 4 v | 2 A | 200C | 1200 MWF |  | 70/350 | 300MA | AHG | RCU | ESS18 | 2N5323 | 0 |
| 40594 | NS | 105 | LC4 | 95 V |  | 4 V | $2 \Delta$ | 2006 | 120 CNhF |  | $70 / 350$ | 300 MA | AHG | RCU | BSS42 | 2N5320 | 0 |
| 40611 | NS | 105 | L04 | 25 V |  | 2 V | 700 ma | 2006 | 1 hF |  | $70 / 500$ | 50 MA | AMG | RCU | BFYSo | 2N 2297 | 0 |
| 40612 | PG | TC3 | LC5 | 25 V |  | 5 V | 5A | 100C | 13 WC |  | $30 / 150$ | $1 \Delta$ | AHE | RCU | ASZ16 | 2N1536 | 0 |
| 40613 | NS | TOQ6t | L33 | 25 V |  | 5 V | 4A | 150 C | 36 WC |  | 30/120 | $1 \Delta$ | AHC | RCU |  | 2N6293 | 0 |
| 4 Ct 16 | NS | T5 | LC4 |  | 32 V | 2V5 | 700 ma | 2006 | 1 hF |  | 70/500 | 50 MA | AMG | RCU | 8FY50 | 2N2297 | 0 |
| $4 C 618$ | NS | 106tt | L?3 |  | 3 cv | 5 V | 4 A | 150 C | 36 hC |  | $30 / 120$ | 1 A | $\triangle H E$ | RCU |  | 2N6293 | - |
| 40621 | NS | T0666 | L33 |  | 32 V | 5 V | 4 A | 150C | 36 hC |  | 25/100 | 1500mA | AHG | RCU |  | 2N6293 | 0 |
| 40622 | NS | TCat | 133 |  | 4 CV | 5 V | 4 A | 150 C | 36 WC |  | 25/100 | 1500 MA | AHG | RCL |  | 2N6293 | 0 |
| 40623 | PG | IC3 | LC5 | 45 V |  | 5 V | 5 A | 1000 | 13WC |  | $50 / 170$ | 1 A | AHG | RCI | AS 216 | 2N1536 | 0 |
| 40624 | NS | T046t | L33 |  | 45 v | 5 V | 64 | 150 C | 5 ChC |  | 20/100 | 2500 ma | AHG | RCU | BD×72 | 2N6100 | 0 |
| 40625 | ns |  | LC3 |  | 45 v | $7 v$ | 1 A | 200C | 3 h 5 F |  | 100 MN | 15CNA | AMH | RCU |  |  | 0 |
| 40626 | PG | 103 | LC5 | 55 V |  | 5 v | 5A | 100 C | 13 hC |  | 50/170 | $1 \Delta$ | AHG | RCU | ASL16 | 2N1536 | 0 |
| 40627 | As | TCQ66 | L33 |  | 55 v | 5 V | 6 A | 150 C | 5 CWC |  | 20/100 | 2500mA | AHG | RCL | $80 \times 72$ | 2N6100 | 0 |
| 40628 | AS |  | LC4 |  | 55 V | 7 V | 1 A | 200c | 3 W 5 F |  | 1 COMN | 150 ma | AMG | RCU |  |  | 0 |
| 40629 | NS | T066t | L33 |  | 35 v | $5 v$ | 4A | 150 C | 36 hC |  | 20/70 | 14 | AHG | RCu |  | 2N6293 | 0 |
| 40630 | As | tcate | L33 |  | 4 CV | 5 V | 4 A | 150C | 36 WC |  | $20 / 70$ | 150 CmA | ahe | RCL |  | 293 | - |
| 40631 | AS | TOQEt | L33 |  | 45 v | 5 V | 4 A | 150C | 36 WC |  | $20 / 70$ | 2 A | AHG | RCU |  | 2N6293 | 0 |
| 40632 | NS | 10066 | 133 |  | 60 V | 5 V | 6 A | 150 C | 5 ChC |  | 20/70 | 34 | $\Delta H G$ | RCL | BDx 72 | 2N6100 | 0 |
| 40634 | PS | TCS | LC4 | 75 V |  | $7 v$ | 700MA | 200C | 1 WF |  | $50 / 250$ | 150 NA | AMH | RCU | BFR23 | 2N4929 | 0 |
| 40635 | NS | T05 | LC4 | 75 V |  | $7 v$ | 700 mA | 200C | 1wF |  | $50 / 250$ | 15 cma | AMH | RCU | BSWGE | 2N4001 | 0 |
| 4ctst | NS | TC3 | LC5 |  | 70 V | 4 V | 15A | 2000 | 115 WC | 350 K | $20 / 70$ | $4 \Delta$ | AHG | RCL | 8DY20 | 2N3055 | , |
| A157 | As | 1018 | L01 | 50 V | 45 v | 5 V | 100MA | 1756 | 300 MWF | 150N 5P | 125 MN | 2 MA | AL G | AMP | BC107 | A157 | 0 |
| -157A | NS | 1018 | LC 1 | 50 V | 45 v | 5 V | 100ma | 175C | 300 NWF | 150 N Sf | 125 MN | 2 MA | ALG | ANP | BC107 | A157 | 0 |
| A1578 | NS | T018 | LC1 | 50 V | 45 v | 5 V | 100 ma | 175 C | 300 MWF | 150 N 5 P | 240 NN | 2 MA | ALG | AMD | $8 \mathrm{BC107}$ | A157 | 0 |
| A 158 | AS | TC18 | LCI | 30 V | 20 V | 5 V | 100 ma | 1750 | 300 NWF | 150M 5P | 125 MN | 2 MA | ALG | AMp | BC107 | A157 | - |
| A158A | NS | 1018 | LCl | 30 V | 20 V | 5 v | 100mA | $175 C$ | 300 mmF | 150N 5 F | 125 NN | 2 MA | ALG | ANP AMP | BC1 107 $8 C 107$ | A 157 A157 A | 0 |
| A153B | AS | T018 | L01 | 30 V | 20 V | 5 V | 100ma | 1756 | 300 MNF | 150 N 5 P | 240 MN | 2 MA | ALG | AMP | BC107 | A157 | 0 |
| A158C | NS | 1018 | LC1 | 3 CV | 20 V | 5 V | 100 ma | 175 C | 300 NhF | 150 N 5 P | 450 MN | 2 NA | AL C | AMP | BC107 | A157 | 0 |
| A159 | NS | 1018 | LCl | 30 V | 20 V | 5 V | 100 mA | 1750 | 30 CMhF | 159M 5P | 240 MN | 2 MA | ALN | AMD | BC1.39 | A159 | 0 |
| A 1598 | AS | T018 | LCI | 30 V | 20 V | 5 v | 100NA | 175 C | 300 MWF | 150M 5P | 240 MN | 2 MA | ALN | AMP | BC 109 | A159 | - |
| A159C | NS | T018 | LC1 | 30 V | 20 V | 5 V | 100ma | 1750 | 30 CNWF | 150N 5F | 450 mN | 2 Ma | ALN | AMP | BC109 | A 159 | 0 |
| A177 | PS | T018 | LC1 | 50 V | 45 V | 5 V | 100 MA | 1750 | 300 MmF | 100 8 P | 75 MN | 2 ma | ALG | AMD | BC177 | A177 | 0 |
| A178 | PS | 1018 | LCI | 30 V | 25 V | 5 V | 100MA | 1750 | 30 CMWF | 100M 8P | 125 MN | 2 MA | ALG | AMP | BC177 | Al 77 | 0 |
| A178A | Ps | T018 | LC1 | 30 V | 25 v | 5 V | 100mA | 1756 | 300 MWF | 100M 89 | 125 MA | 2 MA | ALG | AMP | BC 177 | A177 | 0 |
| -1738 | PS | rol8 | LC1 | 30 V | 25 V | 5 V | 100Na | 175C | 300 MWF | 100M 8P | 240 MN | 2 MA | ALG | AMP | BC177 | Al 77 | 0 |
| A179 | PS | T018 | LCl | 25 V | 20 V | 5 V | 100ma | 1750 | 30 CNHF | 100~8F | 125 MN | 2 MA | ALN | AMP | BC179 | A179 | 0 |
| A179 A | PS | 1018 | LOI | 25 V | 20 V | 5 V | 100 ma | 175 C | 30 CMWF | 100~ 8 P | 125 MN | 2 MA | ALN | AMP | BC179 | A179 | 0 |
| A1798 | PS | 1018 | LCI | 25 V | 20 V | 5 v | 100 mA | 1750 | 300 MWF | 100M 8P | 240 MN | 2 Ma | ALN | AMf | BC179 | Al 79 | 0 |
| 4747A | AS | $\times 09$ | L1c | 50 V | 45 V | sV | 200MA | 1250 | 250 MWF | 153M 5P | 110 MN | 2 MA | AlA | AMP | 8 BC 147 | A 747 | 0 |
| A747E | NS | $\times 09$ | L1C | 50 V | 45 v | gV | 200MA | 1250 | 250 MWF | 150 N 5 P | 200 MN | 2 MA | ALA | ANP | BC147 | A747 | 0 |
| A 7488 | NS | $\times \mathrm{C} 9$ | LIC | 30 V | 2 CV | 5 V | 20cma | 125 C | 25 CMWF | 150M 5P | 200Mn | 2 MA | ala | AMP | BC147 | A 747 | 0 |
| A 748 C | NS | $\times 09$ | Lio | 30 V | 2 V | 5 V | 200na | 1256 | 25 MMWF | 150M 5P | 420 MN | 2MA | Ala | Anp | BC 147 | A 747 | 0 |
| A74.98 | NS | $\times 09$ | L10 | 30 V | 20 v | 5 V | 200~A | 1256 | 250 MWF | 150M 5P | 200ma | 2NA | ALN | ANP | BC149 | A749 | 0 |
| A743C | AS | $\times 09$ | LIC | 30 V | 20 v | 5 V | 200MA | 1256 | 250 NiFF | 150N 5P | 420 MN | 2 MA | ALN | MUB | 8 Cl 149 | A 749 | 0 |
| $\triangle \mathrm{C} 105$ | PG | tcia | 102 | 30 V | 18 v | 10 V | 14 | 906 | 215 NFF | 500 K 60P | 40 MN | 150 Na | $\Delta N A$ | OBS | AC 128 | 2N2706 | 0 |
| AC107 | PG | $\times \mathrm{Cl}$ | LC7 | 15 V | 15 v | 5 V | loma | 75 C | 80MWF | 1N 20P | 35 Mn | 3 CCUA | Ala | mub | AC 125 | 2N406 | 0 |
| AC107N | PG | T01 | LC2 | 15 V | 12 v | 5 V | 10 MA | 750 | 80 NWF | 500k 50P | 354 N | 30 CUA | ALN | NEM | AC 125 | 2N406 | 0 |
| AC108 | PG | 101 | 102 | 20 V | 20 V | 10 V | 50MA | 80 C | 30 MnF | 50.JK 50p | 30 mN | 1 MA | ALA | SIC | AC125 | 2N406 | 0 |
| AC. 109 | PG | TO1 | L02 | 20 V | 15 V | 10 V | 50 MA | 800 | 30 MWF | 500k 50P | 50 MN | 1 MA | ALA | SID | ACl2 2 | 2N406 | 0 |
| ACIIC | PG | rol | LC2 | 20 V | 15 v | 1 CV | 5 CMA | 80 C | 3 CNWF | 500k 50P | 75 MN | ina | ala | SIC | AC126 | 2N2431 | 0 |
| AC113 | PG | TO1 | LC2 | 26 V | $1 \in v$ | 3 v | 80 ma | 75 C | 200 MWF | 700K 60P | 30 MN | 10 MA | ALA | OBS | AC 125 | 2N406 | 0 |
| AC115 | PG | 101 | 102 | 26 V | 16 V | 3 V | 80 MA | 75 C | 200 MWF | 700K 60P | 15 MN | 10MA | ALA | OBS | $A C 125$ | 2N406 | 0 |
| AC116 | PG | $\times 04$ | LC1 | 30 V | 18 V | 12 V | 200 MA | 90 C | 145 NWF | 500 K 4 CP | 50 MN | 20MA | ALA | TFK | AC 188K |  | 0 |
| AC117 | PG | $\times 04$ | L01 | 32 V | l9v | 10 V | $1 \Delta$ | 90 C | 1 WH | 500K 40 P | 40 MN | 150NA | AMG | IFK | AC138K |  | 0 |
| AC 120 | PG | 101 | L02 | 20 V | 20 V | 10 V | 300~NA | 80 C | 210 MWF | 800 K 85 P | 30 MN | 1 CONA | AMG | SID | AC128 | 2N2706 | 0 |
| AC121 | PG | 1014 | 102 | 20 V | 20 v | 10 V | 300NA | 906 | guommh | 1 N 40 P | 30 mN | 100 Na | ana | SID | AC128 | 2N2706 | 0 |
| AC, $121 / 4$ | PG | TO1A | 102 | 20 V | 20 v | lov | 300 ma | 90 C | S00 MWH | iN 40 P | 30 MN 50 NN | 100 MA 100 NA | AMA | SID | $A C 128$ $A C 128$ A | 2N2706 2N2706 | 0 |
| AC121/5 | PG | tcia | LC? | 20 V | 20 v | 10v | 300 MA | 90 C | 90 CNWH | IN 40 P | 50 NN | loona | AMA | SIC | AC128 | 2N2706 | 0 |
| AC121/6 | PG | tola | L02 | 20 V | 20 v | 10 v | 300na | 9 CC | 900 MWH | IN 40 P | 75 MN | 100 ma | AMA | SID | AC 128 | 2N2706 | 0 |
| AC121/7 | PG | tola | LC2 | 20 V | $2 . \mathrm{cv}$ | 10 V | 300NA | 906 | 900 MWF | 1 M 40 P | 125 MN | 100ma | AM | SID | AC128 | 2N2706 | 0 |
| AC122 | PG | t01a | LC2 | 30 V | 13 V | 12 V | 200MA | $90 C$ | 13 CMMF | 1N 50p | 40 NN | 2NA | Ala | TFK | ACl2b | 2N406 | 0 |
| AC123 | PG | $\times 04$ | L01 | 45 V | 32 V | 12 V | 200NA | 90 C | 145 MmF | 500 K 40 P | 50 MN | 20 MA | AL A | TFK | AC188k |  | 0 |
| AC. 124 | PG | $\times 04$ | LO1. | 45 V | 32 v | 10 v |  | 906 |  | 500k 60 P | 40 MN 50 MN | 150NA 2MA | AMG | TFK | AC188k $A C 125$ |  | 0 |
| AC125 $A C 12 t$ | PG | 101 | LC2 | 32 V 32 V | 12 v | 10 v | loona | $90 C$ 900 | 500 MWH 500 MWF |  | 50Mn 100 MA | 2MA | ANG | Mus | AC 125 | 2N406 | 0 |


| TRANSISTOR MUMBER | $\begin{aligned} & \text { PM } \\ & \text { OA } \\ & \text { LT } \end{aligned}$ | $\begin{aligned} & \text { PACK- } \\ & \text { AGE } \end{aligned}$ | $\begin{aligned} & \text { LEAD } \\ & \text { INFO } \end{aligned}$ | $\begin{aligned} & \text { VCB } \\ & \text { MAX } \end{aligned}$ | $\begin{aligned} & \text { VCE } \\ & \text { MAX } \end{aligned}$ | $\begin{aligned} & \text { VEB } \\ & \text { MAX } \end{aligned}$ | I <br> C MAX | T J MAX | TOT | $\begin{array}{ll} \text { F } & C_{0} \\ \text { MIN } & \text { MAX } \end{array}$ | FE | $\begin{aligned} & H_{\mathrm{FE}} \\ & \text { BIAS } \end{aligned}$ | USE | MFR | $\begin{aligned} & \text { EURO } \\ & \text { EQVT. } \end{aligned}$ | USA EQVT. | ISS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| AC127 | NG | TOL | L02 | 32 | 12 V | 10 V | 500 ma | 90 C | 340 MWFL | 500k140P | 50 M | OMA | AMG | mus | AC176 | N2430 | 0 |
| AC 12710 | NG | $\times 04$ | L01 | 32 V | 12 V | 10 V | 500 MA | 90C | 340 | 1M100P | 24 M | 500m | AMG | MUL | AC176 | 2N2430 | 0 |
| AC 1272 | AG | 101 | LC2 | 60 V | 40v | 10 V | 500 MA | 90C | 175 | 1 M 90 P | 25 MN | 500 MA | AMG | MUB | AC 176 | 2N2430 | 0 |
| AC128 | PG | 101 | L02 | 2 V | 16 V | 10V | 1 A | 100 C | 267 MWF | 1 M 200 P | 45/165 | 1 A | AMG | MUB | AC 128 | 2N2706 | 0 |
| AC128/01 | PG | $\times 04$ | L01 | 32 V | 16 V | 10 V | 1 A | 100C | 1 WH | 1\% 60 P | 55NN | 50 MA | AMG | MUB | AC188K |  | 0 |
| AC 128 K | PG | $\times 0$ | 101 | 32 | 16 | 10 V | 1 A | 100C |  | 1 M 60 P | 55 MN | 50 MA | AMG | Val | AC188K |  | 0 |
| AC130 | NG | T01 | 102 | 20 V | 15 V | 10 V | 100 MA | 90 C | 5 | 2M 40P | 501 | 1 Ma | Ala | RTC | AC 176 | 2N2430 | 0 |
| AC | PG | 1014 | 102 | 30 V | v | 10 V | 1 A | 90 C | 215 MHF | 500 K 60 P | 40M | 150 MA | ALA | TFK | AC128 | 2N2706 | 0 |
| AC132 | PG | 101 | 402 | 32 V | 12 V | 10 V | 200 MA | 90 C | OMHH | 1M 60P | 13519 | 20 MA | ALA | VAL | AC 125 | 2N406 | 0 |
| AC132/01 | PG | $\times 04$ | L02 | 32 V | 12v | 10 V | 200MA | 90 C | 500 MKH | 1 N 60 P | 135 TP | 20 MA | AlA | VAL | AC188K |  |  |
| AC134 | PG | 101 | 104 | 20 V | V | 25 V | 250MA | 1000 | 185 MHF | 2M 14P | 30MN | MA | ala | AT1 | AC 125 | 406 | 0 |
| ${ }^{\text {ACl }} 35$ | PG | 101 | 102 | 20 V | 20 V | 25 V | OMA | 100 C | 220 | 700K 60P | 35 | OMA | AMA | ATI | AC126 | 2N243 | 0 |
| AC136 | PG | 101 | 102 | 40 V | 40 V | 25v | 250MA | 100 C | 220 | 500K 70P | 50 M | 50 MA | ALA | ATI | AC126 | 2431 | 0 |
| AC 137 | PG | 101 | L02 | 20 V | 20 V | 25V | 250MA | 100C | 220 MmF | 500k 70 P | 50 MN | 1 MA | Al A | AII | AC126 | 2N2431 | 0 |
| AC138 | PG | TO1 | L02 | 32V | 20 V | 10 V | 1200 A A | 90 C | 720 MWH | $1 \mathrm{M} \mathrm{80P}$ | 1007P | 5MA | ARG | ATI | AC12 8 | 2N 2706 | 0 |
| AC13 | PG | 101 | 102 | 50 V | V | 10 V | 1200 mA | 900 | 720 MWH | 1M 80P | 1001 | 5 MA | M | ATI | AC 128 | 06 | 0 |
| AC139 | PG | 101 | 102 | 32 V | 20 V | 10 V | 1200 MA | 90 C | 720 MkH | 1M 80P | 40 M | 400 MA | AMG | ATI | AC128 | 2N2706 | 0 |
| AC139K | PG | X04 | L02 | 40 V | 25V | 3 V | 1200ma | 90 C | 420 MWF | 800K 80P | 50 M | 400 MA | AMA | ATI | AC128K |  | 0 |
| AC141 | NG | 101 | L02 | 32V | 18 V | 10 V | 1200 MA | 90C | 72 | 1 M 90P | 40MN | 400 MA | AMG | ATI | AC176 | 2N2430 | 0 |
| AC141K | NG | $\times 04$ | LO1 | 32 V | 18 V | 10 V | 1200 ma | 90 C | 720MWH | 500K 60P | 40 MN | 400 MA | AMG | ATI | AC187K |  | 0 |
| A | G | 101 | L02 | 32 V | 20 V | 10 V | 1200 Ma | 90 C | 720 NWH | $1 \mathrm{M} \mathrm{90P}$ | 40 MN | M $A$ | AMG | ATI | AC12 | 2N270 | 0 |
| ${ }^{\text {AC }}$ | PG | $\times 04$ | L01 | 32 V | 20 V | 10 V | 1200 MA | 90 C | 860 MWH | 500k 60P | 40 M | 400 mA | AMG | ATI | AC188K |  | 0 |
| AC150 | PG | T01A | L02 | 30 V | 18 V | 12 V | 50 MA | 75 C | 100 | 1 M 40 P | 50 MN | 2 MA | AL A | TFK | AC125 | 2N406 | 0 |
| AC 151 | PG | T01A | 402 | 32 V | 24 V | 10 V | 200MA | 90C | 90 | 1M 50P | 30 MN | 2 MA | AMA | SID | AC128 | 2N2706 | 0 |
| AC $151 / 4$ | PG | 101A | 102 | 32 V | 24 V | 10 V | 200 MA | 90 C | 90 | 1 M 50 P | 30 MN | 2MA | AMA | SID | AC 128 | 2N2706 | 0 |
| AC151/5 | PG | T01A | 02 | 32 V | V | 10 V | 200MA | 90 C | 900 WW | 14 50P | 50 | A | AMA | SID | AC128 | 706 | 0 |
| AC151/6 | PG | 101A | L02 | 32 V | 24V | 10 V | 200MA | 90 C | 900 | 1 N 50 P | 75 M | A ${ }^{\text {A }}$ | AMA | SID | AC128 | 706 | 0 |
| AC $151 / 7$ | PG | rola | 102 | 32 V | 24V | 10 V | 200 MA | 90 C | 900 | 1 M 50 P | 125 MN | A | AMA | SIO | AC128 | 706 | 0 |
| AC151R | PG | T01A | L02 | 32V | 24V | 10 V | 200 MA | 90 C | 900MWH | 1 M 50 P | 30 mN | 2 MA | ALN | SID | AC 125 | N406 | 0 |
| AC 15184 | PG | rola | L02 | 32 V | 24V | 10 V | 200MA | 90 C | 900 MWH | 1M 50P | 30 MN | 2 MA | AL | SID | AC125 | 1406 | 0 |
| AC151R5 | PG | 101A | 02 | 32 V |  | 10 V | 200 MA | 9 CC | OOMWH | 1/ 50 P | 50 MN | 2 MA | ALN | SID | ACL25 | 06 | 0 |
| AC151R6 | PG | T01A | L02 | 32 V | 24 V | 10 V | 200 MA | 90C | 900 MHH | 1 M 50 P | 75MN | 2MA | AL | SID | AC125 | 2706 | 0 |
| AC 152 | PG | t01A | L02 | 32V | 24V | 10 V | 500MA | 90 C | 900 MWH | IM 40P | 30 M | 100 MA | AMG | SID | AC 128 | 706 | 0 |
| AC152/4 | PG | rola | L02 | 32 V | 24V | 10 V | 500 ma | 90 C | 900 | 1 M 40 P | 30 MM | 100 MA | AMG | 510 | AC 128 | N2706 | 0 |
| AC152/5 | PG | rola | 102 | 32 V | 24 V | 10 V | 500 m | 90 C | 90 | 1 M 40 P | 50 MN | 100 MA | AM | SID | AC128 | N270 | 0 |
| AC152/ | PG | ro1A | 02 | 32 V | 24V | 10 V | MA | 90 C | W | 1 M 40 P | 75 M | Ma | AM | SIC | AC128 | 06 | 0 |
| AC153 | PG | 101A | 102 | 32 V | 18 v | 10 V | 2 A | 90C | W | $1 \mathrm{M100P}$ | 50 MN | MA | AMG | 510 | AC128 | 706 | 0 |
| AC $153 / 5$ | PG | 101A | L02 | 32 V | 18 V | 10 V | 2 A | 90 C | 1 WH | 1M100P | 50 M | 4 ${ }^{\text {a }}$ | AM | SID | AC 128 | 706 |  |
| AC153/6 | PG | T01A | 102 | 32 V | 18 V | 10 V | 2 A | 90C | 1 Wr | LH100P | 75 MN | 300 MA | AMG | 510 | AC128 | 2N2706 | 0 |
| AC153/7 | PG | T01A | 102 | 32 V | 18 V | 10 V | 2 A | 90 C | 1WH | 1M100P | 125 MN | 300 MA | AMG | SID | AC1 28 | 2N2706 | 0 |
| AC 153k | PG | $\times 04$ | 01 | 32 V | 18 v | 10 V | 2 A | 90 C | 1WH | 1M100P | 50 M | M | $A M G$ | SID | AC 188 |  |  |
| AC153K5 | PG | X04 | L01 | 32 V | 18 V | Lov | 2 A | 90 C | H | 1M100P | 50 mN | MA | AMG | S 10 | $A C 188$ |  |  |
| AC153K6 | PG | $\times 04$ | L01 | 32 V | 18 V | 10 V | 2 A | 90 C | IWH | M100P | 75 M | A | G | SID | AC188 |  |  |
| AC153K7 | PG | $\times 04$ | 101 | 32 V | 18 v | 10 V | 2 A | 90 C | 1 WH | 1M100 P | 125 MN | 300 MA | AMG | SID | AC188K |  | 0 |
| AC154 | PG | T01 | L02 | 26 V | 16 V | 3 V | 800 MA | 80 C | OMWF | 700k 60p | 55 MN | 125 MA | AMA | OBS | AC 128 | 2N 2706 | 0 |
| AC 155 | PG | 101 | 2 | 26 V | 16 V | 3 V | 80MA | O | 200 MHF | 700k 60P | 5M | 1 MA | ALA | OBS | AC 125 | 2N406 | 0 |
| AC156 | PG | 101 | L02 | 26 V | 16 V | 3 V | 80 M | 80 C | OMWF | 700k 60P | 55 MN | 1 MA | Ala | OBS | AC 125 | 2N2406 | 0 |
| AC157 | NG | T01 | 102 | 32 V | 20 V | 3 V | 80 MA | 80 C | 200 MWF | 700K 60P | OM | OMA | Ala | OBS | AC176 | N2430 |  |
| AC 160 | PG | 101A | L02 | 15 V | 10 V | 10 V | 10 MA | 80 C | 5 CMWF | 300K 18P | $15 M N$ | 3 COUA | Al | TFK | AC 125 | 406 | 0 |
| AC160A | PG | tola | L02 | 15 V | 10 V | 10 V | 10 MA | 80 C | 50 MwF | 300k 18P | 15 MN | 3000 A | ALN | TFK | AC 125 | 2N406 | 0 |
| AC 160 B | PG | t01A | L02 | 15 V | OV | 10 V | OM | 80 C | 50 MWF | 300K 18P | 15 MN | 300UA | aln | IFK | AC 125 | N406 | 0 |
| $\triangle$ A 162 | PG | toiA | 102 | 32 V | 24 V | 10 V | 200MA | 90 C | 00 | 1M408 | 80 MN | 2 MA | Alg | SID | AC125 | N406 | 0 |
| AC163 | PG | tola | 102 | 32 V | 24 V | 10 V | 200MA | 906 | 900 MWH | 1 N 40 P | 80 | 2 MA | ALG | SID | AC125 | $N 406$ |  |
| AC 165 | PG | rol | L02 | 32 V | 20 V | 3 V | 80 MA | 80 C | 200 MWF | 500K 60P | 30 MN | 10 MA | Ala | OBS | AC176 | 2N2430 | 0 |
| AC166 | PG | 101 | 102 | 32 | 20 V | 6 V | 800ma | 80 C | 200 MWF | 800k 60P | 45MN | 300 MA | AMA | OBS | AC 128 | 2N2706 | 0 |
| AC167 | PG | r01 | 102 | 32 V | 20 V | 6 V | 800ma | 80 C | M F | 800k 60P | 5 MN | 300MA | AMA | OBS | AC128 | N2706 | 0 |
| AC 168 | PG | 101 | 102 | 32 V | 20 V | 6 V | 800MA | 80 C | 200 MWF | 800x 60P | 45 MN | 3 COMA | AMA | OBS | AC128 | 2N2706 | 0 |
| AC170 | PG | T01A | 102 | 32 V | 15 V | 10 V | 200MA | 90 C | 130 MWF | 1 M 50 P | 50 MN | 2 MA | Ala | TFK | AC 125 | N406 | 0 |
| AC171 | PG | T01A | LC2 | 32 V | 15 v | 10 V | 200MA | 90 C | 130 MWF | 1 M 50 P | 65 MN | 2 MA | Ala | tFK | AC 125 | 2N406 | 0 |
| AC172 | NG | 101 | 102 | 32 V | 12v | 10 V | OMA | 90 C | 200 MHF | $1 \mathrm{M} \mathrm{70P}$ | 45 MN | 500UA | ALN | MBL | AC 176 | 2N2430 | 0 |
| AC173 | PG | 101 | 102 | 32 V | 24 V | 10 V | 300 ma | 90 C | 200 MHF | 1N 50p | 50 MN | 2 MA | Ala | MIS | AC125 | 2N4 06 | 0 |
| AC 175 | NG | $\times 04$ | 101 | 25 V | 18 v | 10 V | 1 A | 90 C | 1100 MHF | 500k 60P | 60 MN | 150 mA | AMG | IFK | AC187k |  | 0 |
| AC176 | NG | 101 | 102 | 32 V | 20 V | 10 V | 1 A | 90 C | 220 MWF | 1 M 200 P | 52/180 | 5 COma | AMG | MUB | AC 176 | 2N2430 | 0 |
| ${ }_{\text {AC }}$ (176K | NG | 104 | 101 | 32 V | 18 v | 10 V | 1 A | 90 C | 1 WH | 1 M100P | 50 MN | 300MA | AMG | S ID | AC187k |  | 0 |
| AC177 | PG | 101 | L02 |  | 20 V | 6 V | 800ma | 80 | 200MWF | 700K 60P | 45 MN | 300 MA | AMA | OBS | AC128 | 2N2706 | 0 |
| AC178 | PG | $\times 04$ | L01 | 20 V | 15 V | 10 V | 700 ma | 90 C | 1100 MWH | 400k 60P | 60MN | 150 ma | AMG | SIO | AC 188 k |  |  |
| AC 179 | NG | $\times 04$ | LCl | 20 V | 15 v | 10 V | 700 ma | 90 C | 1100 MHH | 500k 60P | 60 MN | 150 ma | AMG | TFK | AC187K |  | 0 |
| AC 180 | PG | 101 | LC2 | 32 V | 16 V | 20 V | 1500 ma | 100C | 300 MHF | 1 M 60P | 50 MN | 600ma | AMG | MIS | AC 128 | 2N2706 | 0 |
| AC180K | ${ }^{P G}$ | $x 04$ | L01 | 32 V | 16 V | 20 V | 1500 mA | 100 C | 2500 MWH | 1 N 60 P | 50 mN | 600MA | AMG | MIS | AC188K | 2N2706 | 0 |
| ACI 80KL | $P G$ | X04 | L01 | 32 V | 20 | 20 V | 1500MA | 100C | 2500 MWH | 1 M 60 P | 50 mN | 600 MA | AMG | SEU | AC188K |  | 0 |
| AC 181 | NG | 101 | 102 | 32 V | 16 V | 20 V | 1A | 100C | 300 MwF | 2M 60P | 50 MN | 600 Ma | AMG | MIS | AC176 | 2N2430 |  |
| AC181K | NG | $\times 04$ | L01 | 32 V | 16 V | 20 V | 1 A | 100 C | 2500 MWH | 2 M 60P | 50 MN | 600MA | AMG | M IS | ${ }_{\text {AC }} 187 \mathrm{~K}$ |  | 0 |
| ACI8 IKL | $\wedge G$ | $\times 04$ | 101 | 32 V | 20 V | 20 V | 1 A | 1006 | 2500 MHH | 2M 60P | 50 MN | 600MA | AMG | SEU | AC187k |  | 0 |
| ${ }^{\text {AC }} 182$ | PG | 101 | L02 | 32 V | 18 V | 20 V | 150MA | 100 C | 20 MMWF | 1 M 50 P | 50 MN | 1 MA | Ala | Mis | AC125 | 2N4 06 | 0 |
| AC183 | NG | TOL | 102 | 32 V | 16 V | $v$ | 150 MA | 100C | 25 OMWF | 2M 50 P | 50 MN | 2MA | ALA | MIS | AC176 | 2N2430 | 0 |
| AC184 | PG | 101 | 102 | 32 V | 16 V | 20 V | 500 mA | 100C | 270 MWF | 1 M 80 P | 50 MN | 300 MA | AMG | M IS | AC 128 | 2N2706 | 0 |
| AC185 | ${ }^{\text {AG }}$ | 101 | 102 | 32 V | 16 V | 20 V | 500 mA | 1006 | 270 MWF | 2M 60P | 50 MN | 300 MA | AMG | MIS | AC176 | 2N2430 | 0 |
| AC186 | NG | T01A | 1.02 | 30 V | $18 v$ | 10V | 700 mA | 90 C | 215 MWF | 1 M 60 P | 60 MN | 150 MA | AMG | TFK | AC176 | 2N2430 | 0 |
| AC187 | NG | 101 | LO2 | 25 V | 15 V | 10 V | 2 A | 90 C | 225 MWF | 1M180 P. | 100 MN | 300 ma | AMG | MUB | AC176 | 2N243 | 0 |
| AC187/01 | NG | $\times 04$ | L01 | 25 V | 15 V | 10 V | 2A | 90 C | 1 WH | 1M100P | 100MN | 300 MA | AMG | RT | AC187K |  | 0 |


| TRANSISTOR NUMBER | $\left\|\begin{array}{c} \text { PM } \\ \mathbf{O A} \\ \mathbf{L T} \end{array}\right\|$ | $\begin{aligned} & \text { PACK- } \\ & \text { AGE } \end{aligned}$ | $\begin{array}{\|l\|} \hline \text { LEAD } \\ \text { INFO } \end{array}$ | $\begin{aligned} & \text { VCB } \\ & \text { MAX } \end{aligned}$ | $\begin{aligned} & \text { VCE } \\ & \text { MAX } \end{aligned}$ | VEB MAX | ${ }_{\text {MAX }}^{\mathbf{I}}$ | $\stackrel{\mathbf{T}}{\mathbf{J}}$ | Tот | $\begin{array}{ll} \text { F } & C_{0 B} \\ \text { MIN } & \text { MAX } \end{array}$ | $H_{F E}$ | $\begin{gathered} { }^{H} \mathrm{FE} \\ \text { BIAS } \end{gathered}$ | USE | MFR | $\begin{aligned} & \text { EURO } \\ & \text { EQVT. } \end{aligned}$ | USA EQVT. | ISS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| AC187K | NG | $\times \mathrm{C} 4$ | LO1 | 25 | 15 V | 10 V | 2 A | 906 | nH | 1N100P | 100 mN | 300 ma | Ang | $\checkmark$ al | AC187K |  | 0 |
| $\triangle C 188$ | PG | T01 | LO2 | 25 V | 15 V | 10 V | 2 A | 90 C | 225 MWF | IM110P | 100 N | 300 | G | MUB | AC128 | 2N2706 | 0 |
| AC 188/C1 | PG | $\times 04$ | LCI | 25 | 15 V | 10 V | 2 A | 90c | 1 WH | 1M100P | 100 ma | 300 ma | AMG | RTC | AC188K |  | 0 |
| AC 188 K | PG | $\times 04$ | LOL | 25 | 15 V | 10 V | 24 | 90 C | 1 WH | 1M100P | 100 mN | 300Ma | ANG | VAL | AC 188 K |  | 0 |
| ${ }^{\text {C }} 191$ | PG | 101 | 102 | 32 V | 15 V | 25 V | 250 MA | 90 C | 43 CMWH | 1 N 60 P | 30 M | 1 MA | ALN | AT! | AC 125 | 2N406 | 0 |
| AC192 | PG | 101 | LC2 | 32 V | 15 v | 10 V | 250 MA | 90 C | 43 CNWH | $1{ }^{\text {M }} 60 \mathrm{P}$ | 30 MN | 1 MA | ala | At I | AC125 | 2N406 | 0 |
| AC193 | PG | 101 | 102 | 32 V | 15 V | 10 V | 1 A | 90 C | 1 WH | 1 M 90 P | 90 mN | 400MA | AMG | ATI | AC 128 | 2N2706 | 0 |
| AC193k | PG | $\times 04$ | 102 | 32 V | 32 V | 10 V | 2 A | 900 | 260 MWF | 1 M 80 P | 90 MN | 400 mA | ANG | ATI | ACI 88 K |  | 0 |
| AC 193 K 7 | PG | $\times 04$ | L02 | 32 V | 32 V | OV | 2 A | 90 C | 260 MWF | 1 N 30 P | 90 mN | 400 MA | AMG | ATI | AC188K |  | 0 |
| AC193k8 | PG | $\times 04$ | LC2 | 32 V | 32 V | 10 V | 2 A | 90 C | 260 MmF | in 80 P | 130 MN | 40 CmA | ANG | ATI | AC 188 k |  | 0 |
| AC193K9 | PG | $\times 04$ | LC2 | 32 V | 32 V | 10 V | 2 A | 90 C | 260 NWF | $1 \mathrm{M} \mathrm{80P}$ | 200 mN | 4 CCMA | AMC | at | AC188K |  | 0 |
| AC194 | NG | 101 | LCe | 32 V | 15 V | 10 V | 14 | 90 C | 1 WH | 1 M 90 P | 90 MN | 400 MA | ANG | At 1 | AC176 | 2N2430 | 0 |
| AC194K | NG | $\times 04$ | LC2 | 32 V | 32 V | Iov | 2 A | 90 C | 260 MWF | 2N120P | 90 mN | 400 MA | AMG | ATI | AC187K |  | 0 |
| AC194K7 | $\wedge G$ | $\times 04$ | 102 | 32 V | 32 V | lov | 2 A | 906 | 260 MFF | 2N120P | 90 mN | 400 MA | AMG | ATI | AC137K |  | 0 |
| AC 194K8 | NG | $\times{ }^{\times} 4$ | LC2 | 32 V | 32 V | 10 V | 2 A | 90 C | 26 CNWF | 2N120P | 130 NN | 4 CCNA | AMG | ATI | AC187k |  | 0 |
| AC194K9 | $\wedge \mathrm{A}$ | $\times 04$ | LCz | 32 V | 32 V | 10 V | 2 A | 90C | 260 MWF | 2M120P | 200 mN | 4 COMA | AMG | AT I | AC187k |  | 0 |
| ACY16 | $P G$ | $\times 04$ | LO1 | 45 v | 30 V | 10 V | 400 MA | 100C | 800 MinH | 400K 60P | 40 MN | 300 MA | ANG | TFK | AC198k |  | 0 |
| ACY17 | $P G$ | 105 | LC4 | 70 V | 32 V | 12 V | 500 ma | 90 C | 260 NmF | 1 N 60 P | 50 MN | 300 MA | AMG | NEM | ACY 17 | 2N1188 | 0 |
| ${ }^{\text {ACY1 }}$ A | ${ }^{\text {PG }}$ G | 105 | LO4 | 50 V | 30 V | $12 v$ | 500 Na | 90 C | 26 CMWF | 1 N 60 P | 40 MN | 300 ma | AMG | NUB | ACY17 | 2N1188 | 0 |
| ACY19 | PG | 105 | LC4 | 5 CV | 30 V | 12 V | 500NA | 90 C | 26 CMWF | 1 M GOP | 80 MN | 30 CmA | AMG | NUB | ACY17 | 2N1188 | 0 |
| $\triangle \mathrm{Cr} 2$ | PG | 105 | 104 | 40 V | 20 V | 12 V | 500 mA | 90 C | 260 MhF | in 60 F | 50 mN | 50 Na | ANG | NEM | ACY17 | 2N1188 | 0 |
| ACY21 | PG | 105 | L04 | 40 V | 20 V | 12 V | 500mA | 90. | 260 MWF | IN 60 P | 90 MN | 50MA | AMG | MUB | ACY17 | 2N1188 | 0 |
| ACY22 | $P G$ | 105 | LC4 | 20 V | 15 V | 12 V | 500MA | 90C | 260 NWF | 1* 60 P | 30 mN | 30 CMA | AMG | NEM | ACY17 | 2N1188 | 0 |
| ACY22E | PG | 105 | 104 | 20 V | 15 V | 12 V | 1 A | 85 C | 300 MWF | 400k 90p | 30 mN | 5 Mma | ALS | NEM | ACY17 | 2N1176 | 0 |
| ACY 22 H | PG | 105 | $1 L^{4}$ | 20 V | 15 v | 12 V | 1 A | 85 C | 300 MWF | 400K 90P | 150 mN | 5 CMA | ALS | NEN | ACY17 | 2N1176 | 0 |
| AC. 23 | $P G$ | 1014 | LC2 | 32 V | 30 V | 16 V | 200MA | 9 CC | 90 CMmH | 500k 90p | 50 m | 1 MA | ANA | SIC | AC 128 | 2N2706 | 0 |
| ACY23V | $P G$ | t01a | 102 | 32 V | 30 V | 15 V | 200NA | 900 | 9 COMWH | 500k 90P | 50 MN | 1 MA | AMA | SID | AC128 | 2N2706 | 0 |
| ACY23V1 | PG | tola | LC2 | 32 V | 30 V | 16 V | 200MA | 90 C | GOCNWH | 500k 90P | 75 MN | 1 MA | AMA | SID | AC128 | 2N2706 | 0 |
| ACY24 | PG | $\times 04$ | LO1 | 70 V | 45 v | 30 V | 300MA | 80C | 400 MWF | 590k 60P | 40 NN | 5 MA | ALG | IFK | AC 188k |  | 0 |
| ACY27 | PG | T01 | 102 | 40 V | 20 V | 30 V | 200NA | 906 | 200 MWF | 800 K 500 | 20 MN | 1 MA | ALA | NFM | AC125 | 2N406 | 0 |
| ACY28 | $P G$ | 101 | LC2 | 40 V | 15 v | 30 V | 200mA | 90 C | 200 mFF | 800 K 50 P | 45 MN | 1 Na | RLA | AEM | AC 125 | 2N406 | 0 |
| ACY29 | ${ }^{\circ} \mathrm{PG}$ | 101 | L02 | 40 V | 15 V | 30 V | 200 MA | 900 | 200 MWF | 900k 50p | 45 MN | 1 MA | RLA | NEM | AC 125 | 2N406 | 0 |
| ACY3C | PG | 101 | LC2 | 40 V | 2 CV | 40 V | 100 NA | 90 C | 200 MWF | 500K 60P | 60 MN | 1 MA | ALA | ITB | AC 12 t | 2N243 | 0 |
| ACY 31 | PG | 101 | LC2 | 40 V | 20 V | 20 V | 200MA | 900 | 200 MWF | 900k 50p | 35 MN | INA | RLA | NEM | AC 125 | 2N406 | 0 |
| ACY32 | PG | 101A | LC2 | 32 V | 30 v | 16 V | 200NA | 9 CC | 900 MkH | 500k 90P | 50 NN | 1NA | ALN | SIC | AC125 | 2N406 | 0 |
| ACY32/5 | PG | tola | LC2 | 32 V | 30 V | 16 V | 200ma | 9CC | 900 NbH | 500k 90p | 50 mN | 1 Na | ALN | SID | AC125 | 2N406 | 0 |
| ACY32/6 | ${ }^{\text {PG }}$ | rola | LC2 | 32 V | 30 V | 16 V | 200NA | 900 | 90 OMWH | 500k 900 | 75 NN | 1 MA | ALN | SID | AC125 | 2N406 | 0 |
| $\triangle \mathrm{CY} 33$ | PG | rola | LCz | 32 V | 32 V | 10 V | 1 A | 900 | 1100 MWH | 1M100P | 75 MN | 3 CONA | AMG | 5 IC | AC 128 | 2N2706 | 0 |
| ACY33/6 | PG | roia | 102 | 32 V | 32 v | 10 V | 1 A | 906 | 1100 NWH | 1M1000 | 75 MN | 300 MA | $A^{\prime} \mathrm{G}$ | SID | AC128 | 2N2706 | 0 |
| ACY33/7 | PG | roia | 102 | 32 V | 32 V | 10 V | 14 | 906 | 1100 NmH | IN1COP | 125 NN | 300 MA | $\triangle M G$ | SID | AC128 | 2N270t | 0 |
| $\triangle \mathrm{Cr33/8}$ | PG | tcla | 1 C 2 | 32 V | 32 V | 10 V | 1 A | 90 C | 1100 NWH | $1 \mathrm{M100P}$ | 175 MN | 3 coma | AMG | SID | $\triangle C 128$ | 2N2706 | 0 |
| ACY34 | ${ }^{\text {PG }}$ | 101 | LCर | 30 V | 10 | 10 V | 100 mA | 90 C | 200 MWF | 500k 60P | 20 MN | 1 MA | ALA | 1 TE | AC 126 | 2N243 | 0 |
| $\triangle$ CY 35 | ${ }^{\text {PG }}$ | 101 | LCz | 30 V | 10 V | 10 V | 200~A | 906 | 200 MhF | 200K 50P | 30 NN | 1 ma | RLA | NEM | AC 125 | 2N406 | 0 |
| $\triangle C Y 36$ | PG | 101 | L02 | 32 V | 16 V | 10 V | 200MA | 906 | 200 NWF | 200k 50P | 30 MN | 80MA | ALG | NEM | ACl25 | 2N406 | 0 |
| Acy 38 | PG | tos | LC4 | 15 v | 15 v | 9 v | 100 ma | 85 C | 150 MmF | 5 N 30 F | 7519 | 1 Ma | ALN | M IS | AC125 | 2N406 | 0 |
| $\triangle \mathrm{CY} 3 \mathrm{~S}$ | PG | T05 | LC4 | 110 V | 4 Cv | 25 V | 50CNA | 90C | 260 MWF | IM 60 P | 50 ma | 3CCNA | AMH | MUR |  |  | 0 |
| ACY | PG | 105 | LC4 | 32 V | 18 V | 12 V | 500 MA | 900 | 260 NWF | 1 M 60 P | 30 MN | 300 MA | $A^{\prime N} \mathrm{C}$ | NEM | $A^{\text {a }}$ [17 7 | 2N1188 | 0 |
|  | PG | tos | 104 | 21 v | 18. | 12 V | 500 ma | 900 | 26 CMMF | in 60 P | 50 NN | 300Na | $\triangle M G$ | MUE | ACY17 | 2N1188 | 0 |
| $\triangle C_{\text {cra }}$ | FG | Tos | 104 | 50 V | 30 V | 12 V | 500 Na | 90 C | 26 CNWF | IN 30 P | 40 MN | 300NA | AMG | MUP | ACY17 | 2N1188 | - |
| AE103 | ${ }^{\text {PG }}$ | 103 | LC5 | 5 CV | 32 V | 10 V | $15 \Delta$ | 85 C | 23 WF | 200k | 30 mN | 50 CmA | AHG | SID | AUY29 | 52N1167 | 0 |
| AD104 | PG | 103 | 105 | 65 V | 45 V | 20 v | 15A | 850 | 23 WH | 200k | 28 MN | 500~A | AHG | SID | AuY29/5 | 52N1167 | 0 |
| AD105 | PG | 103 | L05 | 85 V | 60 V | 20 V | 15 A | 850 | 23 WH | 200 K | 40 MN | 500MA | AHG | SIT | AUY29/5 | 52N1167 | 0 |
| AC130 | PG | T03 | LC5 | 32 V | 30 V | 10 V | 3 A | 900 | 3 ChH | 350 K | 20 NN | 1 A | AHG | 510 | ASL 16 | 2N1536 | 0 |
| A013C/3 | ${ }^{P} \mathrm{PG}$ | 103 | L05 | 32 V | 30 V | 10 V | 3 A | 90 C | 30 W | 350 K | 20 mN | A | AHG | Sio | AS216 | 2N1536 | 0 |
| AD13C/4 | PG | T03 | LC5 | 32 V | 30 V | 10 V | 3 A | 904 | 30 WH | 350 K | 30 MN | A | AH | 510 | AS116 | 2N1536 | 0 |
| ADI30/5 | $P G$ | 103 | LC5 | 32 V | 30 V | 10 V | 3 A | 90 C | 3 ChH | 350 K | 50ma | 14 | $\Delta H G$ | SIL | ASZ16 | 2N1536 | 0 |
| $\triangle C 131$ | PG | 103 | LC5 | 64 V | 45 v | 20 V | 3 A | 90 C | 30 WH | 350 K | 20 MN | 1 A | AHG | 510 | AS716 | 2N1536 | 0 |
| AC131/3 | PG | 103 | LCS | 64 V | 45 V | 20 V | 3 A | 90C | 30 WH | 350 K | 20 NN | $1 \Delta$ | AHG | SID | ASI 16 | 2N1536 | 0 |
| AD 131/4 | PG | 103 | L05 | 64 V | 45 v | 20 V | 3 A | 90 C | 3 CWH | 350 K | 30 MN | 1 A | AHG | SID | AS216 | 2N1536 | 0 |
| AD131/5 | ${ }^{\text {PG }}$ | T03 | LC5 | 64 V | 45 v | 2 CV | 3 A | 90 C | 30 WH | 350 K | 50 mN | $1 A$ | AHG | SID | AS216 | 2N1536 | 0 |
| 40132 | PG | 103 | LC5 | 8 CV | 60 V | $20 v$ | 34 | 900 | 3 chH | 350 K | 30 NN | 1 A | AHH | SID | AS215 | 2N1533 | 0 |
| A0132/4 | $P \mathrm{P}$ | 103 | L05 | 80 V | 60 V | 20 V | 3 A | 90 C | 30 hH | 350 K | 30 mN | 1 A | AHH | 510 | AS215 | 2N1533 | 0 |
| AD132/5 | PG | 103 | L05 | 8 cv | 60 v | 20 V | 3 A | 90C | 30 WH | 350 K | 50 MN | 1 A | AHH | SII | ASZ15 | 2N1533 | 0 |
| AD133 | PG | $\times 07$ | 108 | 50 V | 32 V | 10 V | 15 A | 100 C | 36 WH | 300k | 20 MN | 5 A | AHG | SII | AuY29/5 | 52N1167 | 0 |
| A0133/3 | PG | $\times 07$ | L08 | 50 V | 32 V | 10 V | 15 A | 100 C | 36 wH | 3001 | 20 MN | 54 | $\Delta H G$ | SID | Aur29 | 52N1167 | 0 |
| A0133/4 | PG | $\times 07$ | LCE | 5 CV | 32 V | 10 V | 15 A | 1000 | 36 WH | 300k | 50 NN | 54 | AHG | SID | Auy $29 / 5$ | 52N1167 | 0 |
| A0133/5 | PG | $\times 07$ | 108 | 50 V | 32 V | 10 V | 154 | 100 C | 36 WH | 300k | 50 mN | 5 A | AHG | SID | AUY29/5 | 52N1167 | 0 |
| AD 136 | PG | 108 | L1く | 40 V | 3 cv | 10 V | 1 CA | 100C | 11 WC | 150K | 30 MN | 5 A | AHG | SID | AD136 | 2N1184B | O |
| AD136/1V | PG | 108 | L12 | 4 CV | 30 V | 10 V | 104 | 100C | 11 wC | 150K | 30/60 | 5 A | AHC | 510 | AD 136 | 2N1134 | 8 |
| ADL36/V | ${ }^{\text {PG }}$ | 108 | L12 | 40 V | 30 v | 10 V | 108 | 100C | 11 hc | 150 K | $50 / 100$ | 5 A | $\triangle \mathrm{H}$ | SID | AD136 | 2N1 | 0 |
|  | $P G$ | 108 | L12 | 4 CV | 30 V | 10 V | 1 CA | 100c | 11 WC | 150 K | 75/150 | 5 A | AHG | SID | AC136 | 2N1184B | O |
| AD136 | PG | 108 | L12 | 40 V | 30 V | 10 V | 104 | 100 C | 11 WH | 300k | 30 MN | 5 A | AHG | SID | ASIL 6 | 2N1536 | 0 |
| AD136/4 | PG | TC8 | 112 | 40 V | 30 V | 10 V | 10 A | 100C | 11W4 | 300k | 30 mN | 5 A | AHG | S10 | AS216 | 2N1536 | 0 |
| AD136/5 | PG | 103 | L12 | 4 CV | 30 V | 10 V | 1 CA | 100c | 11 WH | 300 K | 50 MN | 5 A | AHG | SID | AS 216 | 2N1536 | 0 |
| A0136/t | PG | 108 | L 12 | 4 CV | 30 V | 10 V | 1 CA | 100 C | 11 hH | 300 K | 75 MN | 54 | AHG | - | ASZ 16 | 2N1536 | 0 |
| AD 138 | PG | 103 | LC5 | 40 V | 25 V | 10. | ¢ $A$ | 90c | 30wF | 200k | 25 MN | 50 | AHG | TFK | AS716 | 2N1536 | 0 |
| AD138/50 | PG | 103 | LC5 | 4 CV | 25 V | 10 V | 8 A | 90 C | 3044 | 200k | 25 MN | 54 | AHG | TFK | AS216 | 2N1536 | 0 |
| AD139 | PG | $\times 03$ | L05 | 32 V | 20 V | 10 V | 3500 Na | 90 C | 13 hH | 400k | 30 MN | 1 A | AHG | VAL | AD162 | 2N2835 | 0 |
| AD140 | PG | 103 | L05 | 55 V | 55 V |  | 3 A | 906 | 35 WH | 200k | 30 MN | 14 | AHG | MUB | AS116 | 2N1536 | 0 |
| AD142 | PG | 103 | LC5 | 8 C | 50 | 10 V | 10A | 100C | 30 WH | 450K | 30 MN | 14 | AHH | A 11 | ASZ 15 | 2N1533 |  |


| TRANSISTOR NUMBER | $\begin{aligned} & \text { PM } \\ & \text { OA } \\ & \text { LT } \end{aligned}$ | PACKAGE | $\begin{aligned} & \text { LEAD } \\ & \text { INFO } \end{aligned}$ | VCB MAX | VCE <br> MAX | VEB MAX |  | T J MAX | TOT | $\begin{array}{ll} \text { F } & C_{0 B} \\ \text { MIN } & \text { MAX } \end{array}$ | $H_{F E}$ | HE BIAS | USE | MFR | $\begin{aligned} & \text { EURO } \\ & \text { EQVT. } \end{aligned}$ | $\begin{aligned} & \text { USA } \\ & \text { EQVT. } \end{aligned}$ | ISS |
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| AD143 | PG | 103 | 105 | 40 V | 354 | 10 V | 104 | 1000 | 30WH | 450k | 30 MN | 1 A | AHG | AII | AS216 | 2N1536 | 0 |
| AD143R | PG | 103 | 105 | 32 V | 25 V | 10 V | 10A | 85C | 30 WH | 300k | 30 MN | 1 A | AHG | ATI | ASZ16 | 2N1536 | 0 |
| AD148 | PG | <03 | $L 05$ | 32 V | 264 | 10 V | 3 A | 100C | 13 WH | 450k | 30 MN | 1 A | AHG | SID | AD162 | 2N2835 | 0 |
| AD148/5 | PG | $\times 03$ | L05 | 32 V | 264 | 10 V | 3 A | 100C | 13 WH | 450 K | 30MN | 1 A | AHG | SID | AD162 | 2N2835 | 0 |
| AD148/66 | PG | $\times 03$ | 105 | 32 V | 26. | 10 V | 3 A | $100 C$ | 13 WH | 450 K | 50MN | 1 A | AHG | SID | AD 162 | 2N2835 | 0 |
| AD149 | PG | 103 | 105 | 5 cV | 304 | 20 V | 3500MA | 100 C | 27WH | 200k | 30 MN | 1 A | AHG | MUB | AS216 | 2N1536 | 0 |
| AD 149/4 | PG | 103 | $L 05$ | 32 V | 30 V | 10 V | 3500mA | 100 C | 27 WH | 300k | 30 MN | 14 | AHG | val | AS216 | 2N1536 | 0 |
| AD149/5 | PG | 103 | L05 | 32 V | 30 V | 10 V | 3500 MA | 100 C | 27 WH | 300k | 50 MN | 1 A | AHG | VAL | ASZ16 | 2N1536 | 0 |
| AD150 | PG | 103 | LC5 | 32 V | 30 V | 10 V | 3500ma | 100 C | 27 WH | 450x | 30 MN | 1 A | AHG | tFK | AS216 | 2N1536 | 0 |
| AD150/4 | PG | 103 | 105 | 32 V | 30 V | 10 V | 3500 ma | 1006 | 27 WH | 450K | 30 mN | 1 A | AHG | TFK | AS216 | 2N1536 | 0 |
| AD150/5 | PG | 103 | 105 | 32 V | 30 V | 10 V | 3500NA | 100C | 27 kH | 450K | 50 MN | 1 A | AHG | TFK | ASZ16 | 2N1536 | 0 |
| AD152 | PG | +03 | L05 | 45 V | 23 v | 12 V | 1 A | 90C | 6 WH | 500k | 35MN | 500 ma | AMG | TFK | AD162 | 2N2835 | 0 |
| AD155 | PG | $\times 03$ | 112 | 45 V | 23 V | 12 V | 1 A | 90 C | 6 WH | 400k | 35 MN | 500 MA | AMG | TFK | AD 162 | 2N2835 | 0 |
| AD156 | PG | 108 | 412 | 32 V | 16 V | 10 V | 2 A | $85 C$ | 8 k | 1 M | 50 MN | 300 MA | AMG | 510 | AD162 | 2N2835 | 0 |
| A0157 | PG | 108 | 412 | 32 V | 16 V | 10 V | 2 A | 85 C | 8 N | 1 M | 50 MN | 300MA | AMG | SID | AD162 | 2N2835 | 0 |
| AD161 | NG | $\times 03$ | 105 | 32 V | 204 | 10 V | 1 A | 90 C | 46 | 1M150p | 80 MN | 500 mA | AMG | Mue | AD161 | 2N4077 | 0 |
| AD 162 | PG | $\times 03$ | L05 | 32 V | 204 | 10 V | 1 A | 90C | 6WH | 1M150P | 50 MN | 500 MA | AMG | MUB | AD162 | 2N2835 | 0 |
| AD162/5 | PG | $\times 03$ | LO5 | 32 V | 20 V | 10 V | 1 A | 90C | 6 WH | 1 M | 50 MN | 500 Na | ANG | VAL | AD162 | 2N2835 | 0 |
| AD162/6 | PG | $\times 03$ | 105 | 32 V | 20 V | 10v | 1 A | 90 C | 6 WH | 1 M | 75 MN | 500 MA | AMG | VAL | AD162 | 2N2835 | 0 |
| AD162/7 | PG | $\times 03$ | L05 | 32 V | 20 V | 10 V | 14 | 90C | 6 WH | 1 M | 125 MN | 500 MA | AMG | VAL | AD162 | 2N2835 | 0 |
| AD162/8 | PG | $\times 03$ | L05 | 32 V | 20 V | 10 V | 14 | 900 | 6mr | 1 M | 175 Mn | 500 MA | AMG | VAL | AD162 | 2N2835 | 0 |
| AD163 | PG | 103 | 105 | 100 V | 80 V | 20 V | 3 A | 90C. | 30 WH | 250k | 12 MN | 1 A | AHH | SID | ASL15 | 2N1533 | 0 |
| AD 163/2 | PG | 103 | 105 | 10 CV | 80 V | 20 V | 3 A | 90C | 30 WH | 250k | 12 MN | 1 A | AHH | SID | ASZ 15 | 2N1533 | 0 |
| AD163/3 | PG | 103 | 105 | 10 CV | 80 V | 20 V | 3 A | 90 C | 30 WH | 250k | 20 MN | 1 A | AHH | SID | AS215 | 2N1533 | 0 |
| AD163/4 | PG | 103 | $L 05$ | 100 V | 80 V | 20 V | 3 A | 90 C | 30 WH | 250K | 30 MN | 1 A | AHH | SID | ASL15 | 2N1533 | 0 |
| AD164 | PG | $\times 03$ | 105 | 25 V | 20 V | 10 V | 14 | 90C | 6WH | 500k | GOMN | 500 ma | AMG | TFK | AD 162 | 2N2835 | 0 |
| AD165 | NG | $\times 03$ | 105 | 25V | 20 V | 10 V | 1 A | 900 | 5 kH | 500k | 60 MN | 500 MA | AMG | TFK | AD161 | 2N4077 | 0 |
| AD2 62 | PG | $\times 03$ | L05 | 35V | 20 V | 10v | 4 A | 100C | 10 WH | 450k | 30 MN | 500 MA | AMG | AT I | AD162 | 2N2835 | 0 |
| AD263 | $P \mathrm{P}$ | $\times 03$ | L05 | 60 V | 40 V | 10 V | 4 A | 100C | 10 WH | 450 K | 20 MN | 500 MA | AMG | ATI | AD162 | 2N2835 | 0 |
| ADY22 | PG | 103 | L05 | 30 V | 15 v | 12 V | 10A | 85C | 40 WH | 100K | 15 MN | 1 A | AHG | ItB | ASZ16 | 2N1536 | 0 |
| ACY23 | PG | 103 | 105 | 8 CV | 40 v | 12v | 10A | 85. | 40 WH | 100k | 20MN | 1 A | AHH | 1 TB | ASZ15 | 2N1533 | 0 |
| ADY24 | PG | 103 | 105 | 80 V | 40 V | 12 V | 104 | 85C | 40 WH | 100K | 50 MN | 1 A | AHH | 1 TE | AS2 15 | 2N1533 | 0 |
| ADY25 | PG | 103 | L05 | 100V | 60 V | 12 V | 1 CA | 85C | 40wH | 100k | 20 MN | 1 A | AHH | ITB | AS215 | 2N1533 | 0 |
| ADY26 | $P \mathrm{PG}$ | 103t | 113 | 8 CV | 6 CV | 40 V | 25A | 90C | 100 WH | 100K | 15MN | $25 A$ | AHG | mub | ADZ 12 | 2N1100 | 0 |
| ADY27 | PG | 103 | 105 | 32 V | 30 V | 10 V | 3500ma | 100 C | 27 WH | 450 K | 30 MN | 14 | AHG | SID | AS216 | 2N1536 | 0 |
| AOY27/4 | PG | 103 | 105 | 32 V | 30 V | 10 V | 3500ma | 100 C | 27 WH | 450k | 30MN | 1 A | AHG | SID | ASZ16 | 2N1536 | 0 |
| AOY27/5 | PG | 103 | L05 | 32 V | 30 V | 10 V | 3500 ma | 100C | 27 WH | 450 K | 50 MN | 1 A | AHG | SID | AS216 | 2N1536 | 0 |
| ADY30 | PG | 1036 | $L 13$ | 45 V | 30 V | 25 V | 50 A | 110C | 150 WH | 200k | 50 MN | 15A | AHG | RTC | AD21 2 | 2N1100 | 0 |
| ADY31 | PG | 1036 | 113 | 60 V | 40 V | 20 V | 15 A | 110C | 150 WH | 200k | 25MN | 15 A | AHG | RTC | A0212 | 2N1100 | 0 |
| ADY32 | PG | 1036 | 113 | 8 CV | 50 V | 20 V | 15A | 1106 | 85 WH | 200k | 15 MN | 15A | AHG | RTC | ADZ12 | 2N1100 | 0 |
| A 211 | PG | 1036 | 113 | 50 V | 40 V | 30 V | 20 A | 90C | 45 WH | 200k | 40 mN | 1200 MA | AHG | RTC | AD212 | 2N1100 | 0 |
| A0212 | PG | 1036 | 113 | 8 CV | 60 V | 50 V | 20 A | 90C | 45 WH | 200k | 40 MN | 200 MA | AHG | RTC | AD212 | 2N1100 | 0 |
| AF 114 | PG | 107 | 107 | 32 V | 15v | 2 V | 10 MA | 75C | 75 MWF | 75M 3P | 50 MN | 1 MA | RLA | Mub | AF 124 | 2N990 | 0 |
| AF115 | PG | 107 | 107 | 32 V | 15 V | 2 V | 1 CmA | 75 C | 75 MWF | 75M 3P | 50 MN | IMA | RLA | MUB | AF 124 | 2N990 | 0 |
| AF116 | PG | 107 | 407 | 32 V | 15 V | 2 V | 10 MA | 75 C | 75 MWF | 75M 3P | 50 MN | IMA | RLA | MUB | AF 124 | 2N990 | - |
| AF 117 | PG | 107 | 107 | 32 V | 154 | 2 V | 10 ma | 75C | 75 MmF | $75 \mathrm{~N} \quad 3 \mathrm{P}$ | 50 MN | 1 MA | RLG | MUE | AF124 | 2N990 | 0 |
| AF 124 | PG | 1072 | L51 | 32 V | 15 V | 2 V | 10 MA | 75 C | 75 MWF | 75M 3P | 50 MN | 1 MA | RLG | MUB | AF 124 | 2N990 | 0 |
| AF 125 | PG | 1072 | L51 | 32 V | 15 V | 2 V | 10 MA | 75C | 75 MWF | 75M 3P | 50 mN | 1 ma | RLG | mus | AF 124 | 2N990 | 0 |
| AF126 | PG | T072 | L51 | 32 V | 15 v | 2 V | 10 MA | $75 C$ | 75 MwF | 75M 3P | 50 MN | 1 MA | RLG | MUB | AF 124 | 2N990 | 0 |
| AF 127 | PG | 1072 | L51 | 32 V | 15 V | 2 V | 10 MA | 75 C | 75 MHF | 75M 3P | 50 MN | $1: 4 \mathrm{~A}$ | RLG | MUB | AF1 24 | 2N990 | - |
| AFY 14 | PG | $\times 04$ | 101 | 40 V | 20 V | Iv | 250 ma | $80 C$ | 150 MWF | 40M 5P | 40MA | 1 MA | RLA | TFK | AF124 | 2N990 | 0 |
| AFY19 | PG | 1039 | LC4 | 32 V | 32 V | OV 5 | 300MA | 90 C | 800 MWF | 175M 24P | 40 MN | 80 ma | RMA | MUB |  |  | 0 |
| AL100 | $P \mathrm{PG}$ | 103 | 105 | 130 V | 60 V | 2 V | 104 | 100 C | 30 WH | 2 M | 40 MN | 1 A | RHG | ATI | AL 103 | 2N2147 | 0 |
| All 101 | PG | 103 | 105 | 60 V | 40 V | IV | 10A. | 85C | 30 kH | 3 N | 40 MN | 14 | RHG | ATI | AL103 | 2N2147 | 0 |
| ALI 102 | PG | 103 | L05 | 130 V | 60 V | 2 V | 64 | 100C | 30 WH | 2M | 40 MN | 1 A | RHH | ATI | AU1 06 | 2N5325 | 0 |
| ALI 103 | PG | 103 | 105 | 100 V | 40 V | 1 v | 6 A | 100 C | 30 WH | 1 M | 40 MN | 1 A | RHG | ATI | AL 103 | 2N2147 | 0 |
| ALI 112 | PG | $\times 03$ | 105 | 35 V | 20 V | 2 V | 4 A | 100C | 10 WH | 2 M | 40 MN | 1 A | RHG | ATI | AL103 | 2N2147 | 0 |
| ALI 13 | PG | $\times 03$ | 105 | 60 V | 40 V | 2 V | 4 A | 100 C | 10WH | 2 M | 40 MN | 1 A | RHG | ATI | ALI 103 | 2N2147 | 0 |
| ASY27 | PG | 105 | 104 | 25 V | 15 v | 20 V | 200 MA | $85 C$ | 150 MWF | 6 N 13 P | 30 MN | 100 MA | RMS | MUB | ASY27 | 2N1305 | 0 |
| ASY2 8 | NG | 105 | 104 | 30 V | 15 V | 20 V | 200MA | 85 C | 150 MWF | 4M16P | 20 MN | 100 mA | RMS | MUB | ASY29 | 2N1304 | 0 |
| ASY29 | NG | 105 | 104 | 25 V | 15 v | 20 V | 200mA | 85 C | 150 MWF | 10M 16P | 30 mN | 100ma | RMS | mub | ASY29 | 2N1304 | 0 |
| ASY30 | PG | $\times 04$ | 101 | 50 V | 25 V | Iv | 250 MA | 806 | 150 MWF | 20~ 5 P | 40 MN | 4 MA | RLA | TFK | AF124 | 2N990 | 0 |
| ASY48 | PG | r01A | 102 | 64V | 45 V | 16 V | 300MA | 90C | 900 MWH | 1\% 40 P | 75 MN | 100 MA | AMG | SID | AC128 | 2N2706 | 0 |
| ASY5C | PG | 101 | LC2 | 20 V | 10 V | 20 V | 200mA | 90C | 20 CMWF | 400 K 60 P | 15 MN | 5MA | RLA | NEM | AC125 | 2N406 | 0 |
| ASY54N | PG | TO1 | L02 | 30 V | 10 V | 30 V | 100 MA | 75C | 100 MWF | 4M 25P | 20 MN | 1 MA | RLS | NEM | OC44N | 2N2614 | 0 |
| ASY55N | PG | TCl | 102 | 20 V | 5 v | 20 V | 100ma | 750 | 100 MWF | 74 23P | 20 MN | 1 MA | RLS | NEM | 0C44N | 2N2614 | 0 |
| ASY56N | PG | 101 | 102 | 16 V | 10 V | 12 V | 100 ma | 75 C | 100 MWF | 2N 20f | 25 MN | 10 mA | RLS | NEM | OC44N | 2N2614 | 0 |
| ASY5 7N | PG | tol | L02 | 16 V | 10 V | 12 V | 100 MA | 75C | 100 MWF | 4 N 20 P | 30 MN | 1 OMA | RLS | NEM | OC44N | 2N2614 | 0 |
| A SY5 8 N | PG | 101 | 202 | 16 V | 10 V | 12 V | 100 ma | 75 C | 100 MWF | 7M 20P | 40 MN | 1 cma | RLS | NEM | OC44N | 2N2614 | 0 |
| ASY59N | PG | 101 | L02 | 16 V | 10 V | 12 V | 100 ma | 750 | 100MWF | 12M 20P | 60 NN | 1 CmA | RLS | NEM | OC44N | 2N2614 | 0 |
| ASY63N | PG | T01 | 104 | 26 V | 25 V | 20 V | 100ma | 75 C | 100 MFF | 6M 20 P | 30MN | 15 MA | RLS | NEM | OC44N | 2N2614 | 0 |
| ASY73 | NG | 105 | LC4 | 30 V | 30 V | 15 V | 400 ma | 75 C | 140 MWF | 4 N 30 F | 20 NN | 200 ma | RMS | MUB | ASY29 | 2N1304 | 0 |
| ASY74 | NG | 105 | 104 | 30 V | 30 V | 15 V | 400 ma | 75 C | 140 MWF | $6 \mathrm{M} \mathrm{30P}$ | 35 MN | 200mA | RMS | Mub | ASY29 | 2N1304 | 0 |
| ASY75 | $\wedge G$ | 105 | L04 | 30 V | 30 V | 15 V | 400 mA | 75 C | 140 MWF | 10M 30P | 50 MN | 2 CONA | RMS | MUB | ASY29 | 2N1304 | 0 |
| ASY76 | PG | 105 | 104 | 40 V | 32 V | 10 V | 500MA | 85 C | 260 MWF | $1 \mathrm{M}^{\text {60P }}$ | 26 MN | 300 MA | AMG | MUB | ACY 17 | 2N1188 | 0 |
| ASY77 | PG | 105 | 104 | 60 V | 60 V | 10 V | 500MA | 85 C | 260 MHF | 1\% 60P | 26 MN | 3 COMA | AMH | MUE |  | 2N1188 | 0 |
| ASY80 | PG | 105 | LC4 | 40 V | 40 V | 20 V | 500 MA | 85 C | 26 CHWF | 1 M 60 P | 5 MN | 3 Ccma | AMS | MUB | ACY17 | 2N1188 | 0 |
| ASY81 | PG | 1039 | 104 | 60 V | 30 V | 25 V | 500ma | 85 C | 225MWF | 1 M 50 P | $30 / 100$ | 100ma | AMG | SEU | ACY17 | 2N1176B | 0 |
| AS215 | PG | 103 | L05 | 100 V | 60 V | 40 V | 8 A | 90C | 3 CmH | 100K190P | 20 mN | 1 A | AHH | RTC | AS215 | 2N1533 | 0 |
| AS216 | PG | 103 | L05 | 60 V | 32 V | 20 V | 8 A | 90 C | 30 WH | 125K190P\| | 45 MN | 1 A | AHG | R TC | AS216 | 2N1536 | 0 |


| TRANSISTOR NUMBER | $\left\lvert\, \begin{gathered} P M \\ 0 A \\ \text { LT } \end{gathered}\right.$ | $\begin{array}{c\|c} \text { PACK- } \\ \text { AGE } \end{array}$ | $\begin{gathered} \text { LEAD } \\ \text { INFO } \end{gathered}$ | VCB MAX | VCE MAX | VEB MAX | ${ }_{\operatorname{MAX}}^{1}$ | $\underset{\text { MAX }}{\mathbf{T}}$ | $\begin{array}{l\|l}  & \mathbf{F} \\ \text { POT } & \mathbf{M} \end{array}$ | $\begin{array}{ll} F & C_{O B} \\ \text { MIN } \end{array}$ | $H_{F E}$ | $\begin{aligned} & H_{\text {FE }} \\ & \text { BIAS } \end{aligned}$ | USE M | MFR | EURO EQVT. | $\begin{aligned} & \text { USA } \\ & \text { EQVT. } \end{aligned}$ | ISS |
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| AS217 | PG | 103 | 105 | 60 V | 32 v | 20 V | 8 A | 900 | 3 CUH | 110K190P | 25 MN | 1 A | AHG R | RTC A | AS216 | 2N1536 | 0 |
| AS218 | PG | 103 | L05 | 100 V | 32 | 40 V | 8 A | 90C | 30 WH | 110K190P | 30 MN | $1{ }^{\text {A }}$ | AHG $R$ | RTC A | AS216 | 2N1536 | 0 |
| ASL20 | PG | 107 | 107 | 40 V |  | Iv | 25 MA | 75C | 110 MWF | 40M 2P5 | 40 MN | MA $V$ | Vis | UB A | AF124 | 2N990 | 0 |
| AS221 | PG | T018 | LO1 | 20 V | 15v |  | 50 MA | 85C | 120 MWF | 300M | 30 MN | 1 Mma | VLS | MUB |  |  | 0 |
| AS223 | PG | 107 | 107 | 15v |  | 2 V | 100 mA | 75 C | 100 MHF | 4P |  |  | SLS M | MUB |  |  | 0 |
| AULOL | PG | 103 | 105 | 120 V | 120 V | 1 V | 10A | 900 | 10 WH | 250k | 30 MN | 5 A | RHH | VAL A | AU106 | 2N5325 | 0 |
| AUl02 | PG | 103 | L05 | 40 V | 40 V | Iv | 10A | 906 | 10 WH | 250K | 17 MN | 5 A | AHG | Val ${ }^{\text {a }}$ | Al103 | 2N2147 | 0 |
| AL103 | PG | 103 | L05 | 155 V | 155 V | 4V | 10 A | 90 C | 10 WH | 10 M | 15 MN | 10 A | RHH | VAL A | AU106 | 2N5325 | 0 |
| AU104 | PG | 103 | 105 | 185 V | $185 v$ | 4 V | 12A | 90 C | 15 WH | 10 M | 14 MN | 12 A | RHH | VAL A | AU106 | 2N5325 2N5325 | 0 |
| All 06 | PG | 103 | 105 | 320 V | 160 V | 2 V | 10 A | 90C | 30 WH | 1 M | 15MN | 6 A | RHH | AT I | AU106 | 2N5325 | 0 |
| AUl07 | PG | 103 | LC5 | 20 CV | 100 V | 2 V | 10 A | 906 | 30 kH | 1 M | 35 MN | OMA | HH | AII | AUl 06 | 2N5325 | 0 |
| AUL08 | PG | 103 | 105 | 100 V | 50 V | 2 V | 10A | 90 C | 30 WH | 1 M | 35 MN | 700 ma | RHG | ATI | AL103 | 2N2147 | 0 |
| Alliosf | PG | 103 | 105 | 10 CV | 50 V | 2 V | 10A | 90C | 30 | 1 M | 120 MN | 1 A | RHG | ATI | AL103 | 2N2147 | 0 |
| AU110 | PG | 103 | 105 | 160 V | 80 V | 2 V | 10A | 100C | 30 WH | 1 M | 20 MN | 1 A | RHH | ATI | AU106 | 2N5325 2N5325 | 0 |
| AU111 | PG | 103 | 105 | 320 V | 160 V | 2 V | 10 A | 90 C | 30 | IM | 15 MN | 6 A | RHH | ATI | AUl 06 | 2N5325 | 0 |
| AU112 | PG | 103 | 105 | 320 V | 160 V | 2 V | 1 CA | 90 C | 30 kr | 1\% | $N$ | 6 A | H | ATI | AU106 | 2N5325 | 0 |
| AUll 3 | PG | T03 | L05 | 250 V | 125 V | 2 V | 10A | 90 C | 30 WH | 1 M | 15 MN | 6 A | RHH | ATI | AU106 | 2N5325 | 0 |
| Alyio | PG | 103 | LCS | 70 V | 60 V | 2 V | 700MA | 90C | 5 WHS | 60M | 40 MN | 600 MA | RHG | MUB | AL | 2N2147 | 0 |
| AUY18 | PG | 108 | L12 | 64 V | 45 V | 20 V | 8 A | 100C | 11 WH | 300K | 50 MN | 5 A | AH | SI | AS215 | 2N1533 | 0 |
| AUY18/4 | PG | 108 | 112 | 64 V | 45 v | 20 V | 8 A | 100C | 11 WH | 300k | 50 MN | 5 A | AH | 510 | AS216 | 2N1536 | 0 |
| Aly18/5 | PG | 10 | 112 | 64 V | 45v | 20 V | 8 A | 100C | WH | 300k | 50 MN | 1 | A | SID | AS216 | 536 | 0 |
| AUY19 | PG | 103 | L05 | 64 V | 45 v | 20 V | 3A | 90 C | 30 WH | 350 K | 20 MN | 1 A | A | 510 | AS216 $A S 216$ | 2N1536 2N1536 | 0 |
| AlY19/3 | PG | T03 | 105 | 64 V | 45 V | 20 V | 3 A | 90 C | 30 WH | 350k | 20 MN | 1 A | ${ }^{\text {APG }}$ AH | SID | AS216 | 2N1536 | 0 |
| AUY19/4 | PG | 103 | 105 | 64 V | 45 v | 20 V | 3 A | 906 900 | 30 WH | 350 K 350 K | 30 MN 50 mN | 1 A | ${ }_{\text {AHG }}$ | SID | ASZ 16 | 2N1536 | 0 |
| AUY19/5 | PG | 103 | 105 | 64 V | 45 v | 20 V | 3A | 906 |  |  |  |  |  |  |  |  |  |
| ALY2C | PG | 103 | LC5 | 80 V | 60 V | 20 V | 3 A | 90C | 30 WH | 350 K | 20 MN | 1 A | AHH | SID | AS21 | 3 | 0 |
| AUY20/3 | PG | 103 | 105 | 80 V | 60 V | 20 V | 3 A | 90 C | 30 WH | 350k | 20 MN | 1 A | A | SI | ASL15 | 2N1 | 0 |
| AUY20/4 | PG | 103 | 105 | 80 V | 60 V | 20 V | 3 A | 90 C | 3 ChH | 350K | 30 MN | 1 A | АНН | S 1 | AS215 | 2N1533 | 0 |
| Aly $20 / 5$ | PG | 103 | $L 05$ | 80 V | 60 V | 20 V | 3 A | 90 C | 30wH | 350k | M | 1 A | AHH | SI | ASZ | 3 | 0 |
| AuY2 1 | PG | 103 | 105 | 65 V | 45 v | 20 V | 1 CA | 100C | 36 WH | 300k | 12 MN | 5 A | AH | SID | ASZ16 | 2N1536 | 0 |
| Aly21/2 | PG | 103 | 105 | 65 V | 45v | 20 V | 104 | 100 C | 36 WH | 300K | 12 MN | 5 A | AHG | SID | AS216 | 2N1536 | 0 |
| AUY21/3 | PG | 103 | 105 | 65 V | 45 V | 20 V | 10 A | 100C | 36WH | 300K | 20 MN | 5 A | AHG | S10 | AS 216 $A S Z 16$ | 2N1536 2N1536 | 0 |
| AUY21/4 | PG | 103 | L05 | 65 V | 45 v | 20 V | 10A | 100 C | 36 WH | 300k | 30 MN | 5 A | AHG | SID | AS216 | 2N1536 | 0 |
| auye la | PG | 103 | 105 | 65 V | $45 v$ | 20 V | 10 A | 100 C | 36 WH | 300K | 30 MN | 5 A | AHG | ATI | AS216 | 2N1533 | 0 |
| Alyz2 | PG | 103 | $L 05$ | 80 V | 60 V | 20 V | 8 A | 100 C | 36 WH | 300K | 12 MN | 5 A | AHH | SI | ASZ15 | 2N1533 | 0 |
| AUY22/2 | PG | 103 | LC5 | 80 V | 60 | 20 V | 8 A | 100 C | 36 hH | 300K | 12 NN | 5 A | AHH | SID | AS 115 | 2N1533 |  |
| AUY22/3 | PG | 103 | 105 | 8 OV | 60 V | 20 V | 8 A | 100 C | 36 WH | 300K | 20 MN | 5 A | AHH | SID | AS 215 | 2N1533 | 0 |
| AUY22/4 | PG | 103 | LC5 | 80 V | 60 V | 20 V | 8 A | 100C | 36 WH | 300K | N | 5 A | AHH | Sİ | ASZ15 | 2N1533 | 0 |
| AuY22A | PG | 103 | 105 | 80 V | 60 V | 20V | 8 A | 100C | 36 hH | 300k | 12 MN | 5 A | AHH | ATI | AS215 | 2N1533 | 0 |
| Aly28 | PG | 103 | 105 | 90 V | 65 v | 25 V | $6 A$ | 90C | 30 W | 120K | 20MN | 5 A | AHH | TF | ASZ15 | 2N1533 | 0 |
| AUY29 | PG | 103 | 105 | 50 V | 32 V | 10 V | 15 a | 100C | 36 WH | 300 K | 20 MN | 5 A | AHG | S 10 | Aur29/ | 2N1167 | 0 |
| AUY29/3 | PG | 103 | L05 | 50 V | 32 V | 10 V | 15 A | 100C | 36 | 300 K | 20 MN | 5 A | AHG | SID | AUY29 | 2N1167 | 0 |
| Alv29/4 | PG | 103 | LC5 | 50 V | 32 v | 10 V | 15A | 100C | 36 WH | 300K | 30 MN | 54 | AHG | SID | AUY 29 | 2N1167 | 0 |
| AUY29/5 | PG | 103 | 105 | 50 V | 32 V | 10 V | 15A | 100C | 36 | 300K | 50 MN | 5 A | AHG | SID | AUY29/ | 2N1533 | 0 |
| AuY34 | PG | 103 | 105 | 100 V | 80 v | 20 V | 3 A | 90 C | 3 CW | 350K | 12 MN | 14 | A | SID | AS215 | 2N1533 | 0 |
| Aur34/2 | PG | 103 | LOS | 10 CV | 80 V | 20 V | 34. | 906 | 3 CWH | 350 K | 12 MN | 1 A | AHH | 510 | ASZ 15 | 2N1533 | 0 |
| AUY34/3 | PG | 103 | L05 | 100 V | 80 V | 20 V | 3 A | 90 C | 30 | 350 K | 20 MN | 14 | AHH | SID | AS215 | 2N1533 | 0 |
| Aly34/4 | PG | 103 | LC5 | 100 V | 80 V | 20 V | 3 A | 90 C | 30 WH | 350k | 30 MN | $1 \begin{aligned} & \text { A }\end{aligned}$ | AH | 510 | ASZ15 | 533 | 0 |
| AuY 35 | PG | 108 | L12 | 70 V | 25 V | 2 V | 10 A | 100C | 11 WH | 1 M | 35 MN | 5 A | RH | AT | AL 103 | 2N2147 2N2147 | O |
| AUY 36 | PG | 108 | 112 | 70 V | 25 V | 3 V | 10 A | 100 C | 11 | 1 N | 100 MN | 5 A | RHG | ATI | Al103 | 2N2147 | 0 |
| Aly37 | PG | 103 | LC5 | 100 V | 60 V | 40 V | ICA | 100C | 30 WH | 120K | 30 MN | 14 | AHH | AtI | ASZ 15 | 2N1533 | 0 |
| AUY38 | PG | 103 | L05 | 130 V | 60 v | 2 V | 10A | 100C | 3 OWH | 400K | 30 MN | 5 A | RHH | AII | AU106 | 2N5325 | 0 |
| BC107 | NS | 1018 | LCI | 50 V | 45 v | 6 V | 100 ma | 175 C | 300 MWF | 150M 5 5P | 110 MN | 2 MA | AL C | MUB | BC 107 | 29 | 0 |
| BC 107A | NS | 1018 | L01 | 50 V | 45 V | 6 V | 100 MA | 1756 | 300 MWF | 150M 5P | 110 MN | 2 MA | ALG | MUB | BC 107 | 2N929 | 0 |
| BC107E | NS | 1018 | 101 | 50 V | 45 v | 6 V | 100 mA | 175C | 30 MWF | 150 M 5 F | 200 MN | 2 MA | ALG | - | BC107 | 2N929 | 0 |
| 8 Cl 108 | NS | 1018 | LC1 | 30 V | 20 V | 5 V | 10 CMA | 175 C | 300 MWF | 150M 6P | 120MN | 2 MA | ALC | MUB | BC107 | 2N929 | 0 |
| BCiO8A | NS | 1018 | LCl | 30 V | 20 V | 5 V | 100 MA | 175 C | 300 MWF | 150M 6P | 120 MN | 2 MA | ALG | A | BC 107 | N929 | 0 |
| BC108B | AS | 1018 | 101 | 30 V | 20 V | 5 V | 100 ma | 175 C | 300M6F | 150M 6 P | 200 MN | 2 MA | 16 | MUB | BC 107 | 2N929 | 0 |
| 8C108C | NS | 1018 | 101 | 30 V | 20V | 5 V | 100 MA | 175C | 300 MWF | 150M 6P | 420 MN | 2 MA | Li | MUB | BC107 | 2N929 | 0 |
| BC109 | NS | 1018 | L01 | 30 V | 20 V | 5 V | 100MA | 175C | 30 CMWF | 150M | 180 MN | 2 MA | ALN | MUB | BC109 | 2N930 | 0 |
| BCl09e | ns | 1018 | LC1 | 30 V | 20 v | 5 V | 100MA | $175 C$ | 300 MWF | 150M 6P | 200MN | 2 MA | ALN | MUB | BC 109 | 2N9 30 | 0 |
| BC 1096 | NS | 1018 | L01 | 30 V | 20 V | 5 V | 100MA | 1750 | 300 MNF | 150 M 6P | 420 MN | 2MA | ALN | MUB | BC 109 | 2N930 | 0 |
| BC110 | NS | 1018 | LC1 | 80 V | 80 V | 8 V | 50 MA | 1750 | 300 MmF | 100N 5P | 30 MN | 2 MA | ALG | TFK | BC107 | A157 | 0 |
| BC111 | NS | X14 | X 14 | 25 V | 12 V | 4 V | 50 MA | $175 C$ | 100 MWF | 40 M | 80 MN | 10 M | ALG | RIC | BC146 |  | 0 |
| BC112 | ns | $\times 15$ | 15 | 20 V | 12 V | 3 V | 50 MA |  | 30 MWF | 40M | 60 MN | 2004 A | ALN | RTC | BC146 |  | 0 |
| BC113 | ns | 10106 | 417 | 30 V | 25 V | 6 V | 50 MA | 1256 | 200MWF | 60M 5P | 200m | 1 MA | ALN | SGI | BC 209 | 2N4967 | 0 |
| $8 \mathrm{CC114}$ | NS | 10106 | 417 | 30 V | 25 V | 6 V | 50 ma | 125 C | 200 MWF | 60M 5P | 200 MN | 1 MA | ALN | SGI | BC209 | 2N4967 | 0 |
| BC115 | NS | 10105 | $5 \mathrm{LO4}$ | 40 V | 30 V | 5 V | 200 MA | 125 C | 300 MWF | 20M 18 P | 50 MN | 1 MA | AL | FC | BC237 | 2N5825 | 0 |
| BC115 | NS | T0105 | L04 | 40 V | 30 V | 5 V | 100 MA | 125 C | 300 MHF | 40M 25P | 80 MN | 10 MA | ALG | SGI | ${ }^{\text {BC } 237}$ | 2N5825 | 0 |
| BC 116 | PS | S 10105 | L04 | 45 V | 40 V | 5 V | 100NA |  | 300 MWF | 130M | 35MN | 10 M | AL | SGI | BC307 | 2N6015 | 0 |
| EC116 | PS | 10105 | 5.104 | 45 V | 40 V | 5 V | 500 MA | 125 C | 300 MhF | 100N 10P | 40/120 | 150 MA | AMG | FCU | BFS9 5 | 2N4036 | 0 |
| BC116A | PS | 10105 | 5124 | 45 V | 40v | 5 V | 600 MA | 125 C | 300 MwF | 100 M 10 P | 60/150 | 50 MA | AMG | SGI | BFR23 | 2N4036 | 0 |
| BC117 | NS | S 10105 | 5204 | 120 V | 120 V | 5 V | 50 MA | 125 C | 300 MHF | 60\% 9P | 30 MN | 30 MA | AL | A TB | BC145 | 2N1990 | 0 |
| BC118 | NS | S 10106 | 6117 | 45 V | 45v | 4 V | 200 MA | 125 C | 20 M WF | 200M 3P5 | 40/160 | 10 MA | AL | FCU | BC 237 | 2N5825 2N5825 | 50 |
| BC118 | ns | S 10106 | 6117 | 75 V | 45v | 4 V | 100 mA | 125C | 200MWF | 200M 3P5 | 50 MN | 5MA | ALG | SGI | 1 BC 237 | 2N5825 | 0 |
|  |  |  |  |  |  |  |  |  |  |  |  | 150 MA | AMG | SGI | BFYS 1 | 2N2297 | 70 |
| BC119 | NS | S 1039 | 1.04 | 60 V | 30v | 5V | 1 A | 200 C | 800 MWF 800 MWF |  | 20 MN | 150 MA | AMG | SGI | BFY51 | 2N2297 | 7 |
| BC120 | NS | 51039 | 101 | 60 V 5 | 30 V | 5v | 11 50 | 200 C | 800 MWF 90 MWF | F ${ }^{\text {F }}$ | 25 MN | $250 \cup \mathrm{~A}$ | aln | SID | BC 146 |  | 0 |
| BC121 | NS | S $\times 16$ | $\times 16$ $\times 16$ $\times 16$ | 6 5 V |  | $5 v$ $5 v$ $5 v$ | 50 MA | 125 C | 90NWF | FF <br> 20 M | 25 MN | 2504 A | A Aln | S 10 | BC 146 |  | 0 |
| 8C122 BC123 |  | S $\times 16$ | 1 $\times 16$ $\times 16$ | 30 V | 20 V | $5 v$ <br> $5 v$ | 50 mA 50 ma | $125 C$ $125 C$ | 90 MWF 90 MWF | F $\mathrm{F}^{\text {20M }}$ | 25 MN | $250 \cup \mathrm{~A}$ | A Aln | S 10 | BC146 |  | 0 |


| TRANSISTOR NUMBER | $\left.\begin{gathered} P M \\ O A \\ L T \end{gathered} \right\rvert\,$ | $\begin{aligned} & \text { PACK- } \\ & \text { AGE } \end{aligned}$ | $\begin{array}{\|l\|l\|} \hline \text { LEAD } \\ \text { INFO } \end{array}$ | $\begin{aligned} & \text { VCB } \\ & \text { MAX } \end{aligned}$ | $\begin{aligned} & \text { VCE } \\ & \text { MAX } \end{aligned}$ | VEB MAX | $\underset{\operatorname{MAX}}{\mathbf{I}}$ | $\underset{\text { MAX }}{\mathbf{T}}$ | TOT | $\begin{array}{ll} F_{1} & C_{0} \\ \text { MIN } & \text { M } \end{array}$ | OB <br> MAX | $\mathbf{H E}^{\text {FE }}$ | $\begin{gathered} \mathrm{H}_{\mathrm{FE}} \\ \text { BIAS } \end{gathered}$ | USE | MFR | $\begin{aligned} & \text { EURO } \\ & \text { EQVT. } \end{aligned}$ | $\begin{aligned} & \text { USA } \\ & \text { EQVT. } \end{aligned}$ | ISS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| BC125 | NS | 10105 | 104 | 50 V | 30 V | 5 V | 500 MA | 125C | 300MwF | 40M | 25P | 30 MN | 150 MA | AMG | SGI | BFY50 | 2N2297 | 0 |
| BC 1258 | NS | 10106 | 1.17 | 60 V | 30 V | 5 v | 500 mA | 125 C | 300mmF | 40 M | $25 P$ | 40/120 | 150 mA | AMG | SGI | BFY50 | 2N2297 | 0 |
| BC126 | PS | T0105 | 117 | 35 V | 30 V | 5 V | 600 mA | 125 C | 300 MmF | 100 M | 8 P | 40 MN | 10 MA | AMG | FCU | BC 328 | 2N5819 | 0 |
| BC127 | NS | O日S | OBS | 25 V | 20 V | 5 V | 50 MA | $125 C$ | 75 MWF | 20\% | 10 P | 125 MN | 1 MA | ALN | FCU | BC 146 |  | 0 |
| BC128 | NS | OBS | 085 | 25 V | 20 V | 5 V | 50 MA | 125 C | 100 MWF | 20N | 40 P | 150 mN | 1 MA | ALN | FCU | BC146 |  | 0 |
| BC 129 | NS | 1018 | LOt | 50 V | 45 V | $5 v$ | 100 ma | 165 C | 175 MWF | 150 M | 6 P | 125 mN | 2 MA | ALG | IFK | BC 107 | A1 57 | 0 |
| BC130 | NS | 1018 | 101 | $25 v$ | 20 V | 5 V | 100 mA | $165 C$ | 175 MWF | 150M | 6 P | 125 MN | 2 MA | AlG | TFK | BC107 | A157 | 0 |
| BC131 | AS | 1018 | 101 | 25 V | 20 V | 5 V | 100 MA | $165 C$ | 175 | 150 N | 6 P | 240 MN | 2 MA | ALN | TFK | BC109 | 2N930 | 0 |
| BC132 | NS | 10106 | 117 | 30 V | 25 V | 6 V | 200 MA | 125 C | 200 MWF | 40\% | 4 P | 60 MN | 10 MA | ALG | SGI | BC 207 |  | 0 |
| EC134 | NS | T0106 | 117 | 45 V | 45 V | 4 V | 200ma | 125C | 200MWF | 200M | 4 P | 150 MN | 10 MA | ALG | SGI | BC207 | 2N4966 | 0 |
| BC135 | NS | 10106 | 117 | 45 V | 45 V | 5 V | 200 MA | 1256 | 200 MWF | 200M | 4 P | 50 MN | 10 ma | ALG | SGI | BC 207 | 2N4966 | 0 |
| EC136 | NS | T0105 | 117 | 60 V | 40 V | 5 V | 100 MA | $125 C$ | 300M | 60N | 25 P | 40 MN | 10 MA | ALG | SGI | BC 107 | A157 | 0 |
| BC137 | PS | 10105 | L04 | 40 V | 40 V | 4 V | 600MA | $125 C$ | 300 | 60N | 10 P | 40 MN | 10 MA | AMG | SGI | BC338 | 2N5818 | 0 |
| BC 138 | NS | 105 | 104 | 60 V | 40 V | 5 V | 14 | 200C | 800 | 40 M | 25 P | 35 MN | 10 MA | AMG | SGI | BFY51 | 2N2297 | 0 |
| BC139 | PS | 1039 | L04 | 40 V | 40 V | 5 v | 500 MA | 200C | 700 MWF | 100 M | 10P | 40 MN | 100 MA | AMG | SGI | BFS95 | 2N4036 | 0 |
| BC 140 | AS | 1039 | 104 | 80 V | 40 V | 7 V | 1 A | 175 | 700 | 50 M | 258 | 40 M | 100 MA | AMg | TFK | BFY50 | 2N2 297 | 0 |
| BC140/6 | NS | 1039 | 104 | 80 V | 40 V | 7 V | 14 | 1750 | 3700 | 50M | 25 P | 40 MN | 100 MA | AMG | TFK | BFY50 | 2N2297 | 0 |
| BC140/10 | NS | 1039 | 104 | 80 V | 40 V | $7 v$ | 14 | 175C | 3700 | 50 M | 25 P | 63 MN | 100 Ma | AMG | TFK | BFYS 0 | 297 | 0 |
| BC $140 / 16$ | NS | 1039 | 104 | 80 V | 40 V | 7 V | 14 | 175C | 3700 MW | 50 M | 258 | 100 MN | 100 MA | AMG | TFK | BFY50 | 2N2297 | 0 |
| BC 141 | NS | 1039 | 104 | 100 V | 60 V | 7 V | 1 A | 175 C | D700MWH | 50 M | 25P | 40 MN | 10 CMA | AMG | TFK | BFY50 | 2N 2297 | 0 |
| BC141/6 | NS | 1039 | 104 | 100 V |  | 7 V | 1 A | 1750 | 3700 | 50 m | 25 P | 40 M | OMA | AMG | TFK | BFY50 | 2N2297 | 0 |
| BC 141/10 | NS | 1039 | L04 | 100 V | 60 V | 7v | 14 | 175C | 3700 | 50 N | 258 | 63 MN | 100 MA | AMG | TFK | BFY50 | 2N2297 | 0 |
| BC141/16 | NS | 1039 | L04 | 100 V | 60 | 7 V | 1 A | 175 C | 3700 | 50M | 25 P | 100 MN | 100 MA | AMg | TFK | BFY50 | 297 | 0 |
| BC 142 | NS | 1039 | 104 | 80 V | 60 v | 5 V | 1 A | 200C | 800 MWF | 40 M | $25 P$ | 20 M | 200 MA | AMG | IIB | BFY50 | 2N2297 | 0 |
| BC 143 | PS | T039 | L04 | 60 V | 60 V | 5 V | 14 | 200C | 800 MHF | 100 M | 208 | 20MN | 300 MA | AMG | T18 | BC 143 | 2N4037 | 0 |
| $8 C$ | ns | 1039 | 104 | 70 | 40 | 5 V | 1 A | $200 C$ | 00 | 40 MN | 25 P | 20 m | 300 MA | AMG | SGI | BFY50 | 2N2297 | 0 |
| BC 145 | NS | 10105 | 104 | 120 V | 120 V | 5 V | 100 MA | 125 C | 30 CMWF | 40M | 9 P | 30 M | 5 MA | ALH | A TB | BC145 | 2N1990 | 0 |
| BC 147 | NS | $\times 09$ | 110 | 50 V | 45 V | 6 v | 200MA | 125 C | 25 OMWF | 150 M | 5P | 110 MN | 2 MA | AlA | Mub | BC 147 | A 747 | 0 |
| BC147A | ns | $\times 09$ | 110 | 50 V | 45 v | 6 V | 200MA | 1256 | 250 MWF | 150M | 5 P | 110 MN | 2 MA | Ala | mus | BC 147 | A747 | 0 |
| BC 1478 | AS | $\times 09$ | 110 | 50 V | 45 v | 6V | 200 MA | 125 | 250 | 150M | 5 P | 200 MN | 2 MA | Al A | MUB | BC147 | A747 | 0 |
| BC148 | NS | x0 | $L$ | 30 V | 204 | 5 V | 200 MA | 1250 | 25 cmbF | 150N | 5 P | 110 | M ${ }^{\text {a }}$ | AL A | MUB | BC147 | 747 | 0 |
| BC148A | NS | $\times 09$ | L10 | 30 | 20 | 5 V | 200 MA | 125 C | 250 MWF | 150 M | 5 P | 110 M | 2 MA | Al A | MUB | BC147 | A747 | 0 |
| BC 1488 | NS | $\times 09$ | L10 | 30 V | 20 | 5 V | 200MA | 125 C | 250 | 150 M | 5P | 200 M | 2 MA | Ala | MUB | BC 147 | A747 | 0 |
| BC148C | NS | $\times 09$ | L10 | 30 V | 20 V | 5 V | 200MA | 1250 | 250 | 150 M | 5 P | 420 MN | 2 MA | AlA | MUB | BC 147 | A747 | 0 |
| BC149 | ns | $\times 09$ | 110 | 30 V | 20 V | 5 V | 200MA | 125 C | 250 MH | 150M | 5 P | 200MN | 2 MA | ALN | MUB | BC149 | A749 | 0 |
| BC1498 | NS | $\times 09$ | 110 | 30 V | 20 | 5 V | 200MA | 1250 | 250 MWF | 150 M | 5P | 200Mn | 2 MA | ALN | Mus | BC 149 | 49 | 0 |
| BC149C | NS | $\times 09$ | 110 | 30 V | 20 | 5 V | 200 MA | 125 C | 250 MWF | 150 M | 5 P | 42 | 2 MA | ALN | MUB | BC 149 | 49 | 0 |
| BC | ns | 10106 | 117 | 40 V | 40 V | 5 V | 10 | 1250 | 200MWF | 40 M | 8 P | 50 M | 10 MA | ALG | SG I | BC207 | 2N4966 | 0 |
| BC154 | NS | 10106 | 117 | 40 V | 40 V | 5 V | 100 MA | 125C | 200 | 40 M | 8 P | 160 M | 10 mA | AlN | SGI | BC 209 | 2N4967 | 0 |
| BC157 | PS | $\times 09$ | L10 | 50 V | 45 | 5 V | 100 ma | 125C | 300 | 130 N | 6 P | 70 m | 2 MA | AL A | MU | 8 C 15 |  | 0 |
| BC 15 | PS | $\times$ | 110 | 50 V | 45 | 5 V | 100 MA | 125 C |  | 13 | 6 P | 120 MN | Ma | Ala | mub | BC 157 |  |  |
| BC157 | PS | $\times 09$ | L10 | 50 V | 45 | 5 V | 100MA | 125 C | 300 MWF | 130 M | 6 P | 180 M | 2 MA | Ala | Mub | BC157 |  | 0 |
| BC157/6 | PS | X09 | 110 | 50 V | 45 | 5 V | 100M | 125 C | 300 MWF | 130 M | 6 P | 70 M | 2MA | Al A | SID | BC157 |  | 0 |
| BC158 | PS | $\times 09$ | 10 | 30 V | 25 V | 5 V | 100 MA | 125C | 30 | 100N | 6 P | 70 MN | MA | AlA | mub | BC157 |  | 0 |
| BC158A | PS | $\times 09$ | 10 | 30 V | 25 | 5 V | 100 MA | 125C | 300 | 100 m | 6 P | 120 MN | 2 MA | AlA | MUB | BC 157 |  | 0 |
| 8C158B | PS | $\times 09$ | 110 | 30 V | 25 | 5 V | 100MA | $125 C$ | 300 | 100 M | 6 P | 180 | 2 MA | Ala | Mub | BC 158 |  | 0 |
| 8C15816 | PS | $\times 09$ | 410 | 30 V | 25 | 5 | 100MA | 125 C | 300 | 100 N | 6 P | 70 | 2 MA | ALA | 510 | BC 157 |  |  |
| BC159 | PS | $\times 09$ | L10 | 25 V | 20 V | 5 V | 100 mA | 125C | 300 | 100 M | 6 P | 120 | MA | ALN | mUB | BC159 |  | 0 |
| BC 159A | PS | $\times 09$ | 110 | 25 V | 20 V | 5 V | 100 MA | 125C | 300 | 100M | 6 P | 120 MN | M A | ALN | MUB | BC159 |  | 0 |
| BC 1598 | PS | $\times 09$ | 110 | 25 V | 20 V | 5 V | 100 MA | 125C | 3001 | 100 M | 6 P | 180 MN | 2 MA | ALN | MUB | BC 159 |  | 0 |
| EC 160 | PS | 1039 | 104 | 40 V | 40 V | 5 V | 1 A | 175C | 3200 | 50 M | 30 P | 40 M | 100 Ma | AMG | 510 | BC143 | N4037 | 0 |
| BC 160/6 | PS | 1039 | L04 | 40 V | 40 V | $5 V$ | 1 A | 175C | 3200 | 50 N | 30 P | 40 NN | 100 MA | $A M G$ | SID | BC143 | 2N4037 | 0 |
| BC160/10 | PS | 1039 | 104 | 40 V | 40 | 5 V | 1 A | 175 C | 3200 | 50 M | 30 P | 60 MN | 100 MA | AMG | SIO | BC143 | 2N4037 | 0 |
| BC 16C/16 | PS | T039 | 104 | 40 V | 40 V | 5 V | 1 A | 175C | 3200 M | 50 M | 30P | 100 MN | 100 MA | AMG | SID | BC143 | 2N4037 | 0 |
| BC 161 | PS | 1039 | L04 | 60 V | 60 V | 5 V | 1 A | 175C | 3200 MHH | 50 M | 308 | 40MN | 100 MA | AMG | SID | BC 143 | 2N4037 | 0 |
| BC161/6 | PS | 1039 | 104 | 60 V | 60 V | 5 V | 1 A | 175 C | 3200 M | 50 M | 30 P | 40 MN | 100 ma | AMG | SID | 8C143 | 2N4037 | 0 |
| BC161/10 | PS | 1039 | L04 | 60 V | 60 V | $5 V$ | 1 A | 175C | 3200 M | 50 M | 30 P | 60 MN | 100 Mm | AMG | SID | BC143 | 2N4037 | 0 |
| BC161/16 | PS | 1039 | LC4 | 60 V | 60 | 5 V | 1 A | 175C | 3200 MWH | 50 M | 30P | 100 mN | 100 MA | AMG | SID | BC 143 | 2N4037 | 0 |
| BC167 | AS | 1092 | 121 | 45 V | 45 | 6 V | 100MA | 150C | 300 MWF | 85M | 5 P | 120 MN | 2 MA | AlG | TFK | BC 1822 | 2N3710 | 0 |
| BC 167 A | ns | 1092 | L21 | 45 V | 45 V | 6 V | 100 mA | 150 C | 300 MWF | 85M | $5 P$ | 120 MN | 2 MA | ALG | TFK | BC182L | 2N3710 | 0 |
| BC1678 | NS | 1092 | L21 | 45 V | 45 V | 6 V | 100MA | 150C | 300MwF | 85 N | 5 P | 180 mN | 2MA | ALG | TFK | BC182L | 2N3710 | 0 |
| BC168 | NS | 1092 | L21 | 20 V | 20 V | 5 V | 100 MA | 150C | 300 MWF | 85M | 5 P | 120 MN | 2 MA | Al 6 | TFK | BC182L | 2N3710 | 0 |
| BC168A | NS | 1092 | 121 | 20 V | 20 V | 5 V | 100MA | 150C | 300MWF | 85M | 5P | 120 MN | 2 MA | ALG | IFK | BC 182 L | 2N3710 | 0 |
| BC168B | NS | 1092 | 121 | 20 V | 20v | 5 V | 100mA | 150C | 300 MmF | 85M | 5 P | 180 MN | 2 MA | ALG | TFK | BC 182 L | 2N3710 | 0 |
| BC168C | NS | 1092 | 121 | 20 V | 20 V | 5 V | 100 mA | 150C | 300 MHF | 85M | 5 P | 380 mN | 2 MA | AL G | TFK | BC184L | 2N3707 | 0 |
| BC169 | NS | 1092 | 121 | 20 V | 204 | 5 V | 100MA | 150C | 300 MkF | 85M | 5P | 240 MN | 2MA | ALN | TFK | BC 184 L | 2N3707 | 0 |
| BC1698 | NS | 1092 | 121 | 20 V | 20 V | 5 V | 100ma | 150C | 300MWF | 85 M | 5P | 240MN | 2 MA | ALN | TFK | BC184L | 2N3707 | 0 |
| BC169C | NS | 1092 | 121 | 20 V | 20 V | 5 V | 100MA | 150 C | 300MHF | 85M | 5 P | 380 MN | 2 MA | ALN | TFK | BC 184L | 2N3707 | 0 |
| BC170 | NS | $\times 10$ | L20 | 20 V | 20 V | 5 V | 100 MA | 150C | 300MWF | 60 M | 8 P | 35 MN | 1 MA | ALG | 118 | BC 237 | 2N5825 | 0 |
| BC170A | NS | $\times 10$ | L 20 | 20 V | 20 V | 5 V | 100 MA | 150C | 300 MWF | 60 M | 8 P | 35 MN | 1 MA | ALG | ITB | BC237 | 2N5825 | 0 |
| 8C170日 | NS | $\times 10$ | 120 | 20 V | 20 V | 5 V | 100 MA | 150C | 300MWF | 60 M | 8 P | 80 mN | 1 MA | ALG | 118 | BC 237 | 2N5825 | 0 |
| BC170C | NS | $\times 10$ | 120 | 20 V | 20 V | 5 V | 100 MA | 150C | 300M ${ }^{\text {a }}$ | 60M | 8 P | 200MN | 1 MA | ALG | ITB | BC 237 | 2N5825 | 0 |
| 8C171 | NS | $\times 10$ | 120 | 45 V | 45 V | 6 V | 100 MA | 150C | 300 MHF | 100 M | 6 P | 125 MN | 2MA | AL N | ItB | BC239 | 2N5827 | 0 |
| EC 171A | NS | $\times 10$ | L20 | 45 V | 45 V | 6 V | 100 MA | 150 C | 300 MmF | 100M | 6 P | 125 MN | 2 MA | ALN | ITB | BC239 | 2N5827 | 0 |
| BC1718 | NS | $\times 10$ | L20 | 45 V | 45 V | 6 V | 100 MA | 150C | 300 MmF | 100 N | 6 P | 240 MN | 2 MA | ALN | ITB | BC239 | 2N5827 | 0 |
| 8C 172 | NS | $\times 10$ | 120 | 25 V | 25v | 5 V | 100MA | 150 C | 300MHF | 100M | 6 P | 125 MN | 2 MA | ALG | 178 | BC 237 | 2N5825 | 0 |
| BC172A | NS | $\times 10$ | 120 | 25 V | 25 V | 5 V | 100 ma | 150 C | 300 MwF | 100M | 6 P | 125 MN | 2MA | ALG | 118 | BC 237 | 2N5825 | 0 |
| 8C1728 | ns | $\times 10$ | 420 | 25 V | 25 v | 5 V | 100 MA | 150C | 300 MWF | 100N | 6 P | 240MN | 2 MA | ALN | ITB | BC239 | 2N5827 | 0 |
| BC172C BC173 | NS | $\times 10$ $\times 10$ $\times 10$ | L20 | 25v | 25 | $5 V$ $5 V$ | 100 MA | 150 C 150 C | 300 M | 100 M 150 m | 6 P | 450 MN 240 MN | 2 MA | AL | 178 | BC239 BC239 | 2N5827 2N5827 | 0 0 0 |


| TRANSISTOR NUMBER | $\begin{gathered} \text { PM } \\ O A \\ L T \end{gathered}$ | $\begin{aligned} & \text { PACK- } \\ & \text { AGE } \end{aligned}$ | $\begin{aligned} & \text { LEAD } \\ & \text { INFO } \end{aligned}$ | VCB MAX | VCE <br> MAX | VEB MAX | 1 <br> C MAX | $T$ J MAX | TOT | $\begin{aligned} & \mathbf{F} \mathbf{T} \\ & \text { MIN } \end{aligned}$ | OB <br> MAX | $H_{F E}$ | $\begin{gathered} \mathrm{H}_{\mathrm{FE}} \\ \text { BIAS } \end{gathered}$ | USE | MFR | $\begin{aligned} & \text { EURO } \\ & \text { EQVT. } \end{aligned}$ | $\begin{aligned} & \text { USA } \\ & \text { EQVT. } \end{aligned}$ | ISS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| EC 1738 | NS | $\times 10$ | Lく | 25 V | 25 V | 5 V | 10CMA | 150C | 30 CNhF | 150\％ | 6 F | 240 MN | 2 Ma | ALN | ITE | BC 239 | 2N5827 | 0 |
| BC173C | NS | $\times 10$ | L＜0 | 25 V | 25 V | $5 v$ | 100 M | $150 C$ | 300 MWF | 150 N | 6 P | 450 M | 2 MA | ALN | ITB | 8C239 | 2N5827 | 0 |
| BC 174 | AS | $\times 10$ | L20 | 64 V | 4 V | 5 v | looma | 150C | 300 MWF | 100 M | 6 P | 125 MN | 2 MA | ALG | ITB | BC237 | 2N5825 | 0 |
| BC 174 A | AS | $\times 10$ | L2C | 64 V | 64 V | 5 V | 100MA | 150 C | 300 MWF | 100M | 6 P | 125 MN | 2 MA | ALG | ITB | BC 237 | 2N5825 | 0 |
| BC1748 | NS | $\times 16$ | 120 | 64 V | 64 V | 5 V | 100 ma | 150C | 300 MmF | 100 N | 6 P | 240 mN | 2 MA | ALG | ITE | BC 237 | 2N5825 | 0 |
| EC 171 | PS | 1018 | LCI | 45 V | 45 V | 5 V | 100ma | 175C | 30 MmF | 130N | 7 F | 70 NN | 2 Ma | ALG | SID | BCY70 | 5 | 0 |
| BC177A | PS | T018 | LOI | 45 V | 45 V | 5 V | 100MA | $175 C$ | 300 MWF | 130 M | 7 P | 120 M | MA | ALG | SID | BCY71 | 5 | 0 |
| BC177E | PS | 1018 | LC1 | 45 V | 45 V | 5 V | 100ma | 1750 | 300 MW | 130 M | 7 P | 180 mN | 2 MA | ALG | S ID | BC Y 71 | 2N3965 | 0 |
| BC 178 | PS | 1018 | LO1 | 30 V | $25 V$ | 5 V | 200MA | 175 | 300 MWF | 100 M | 79 | 70 MN | 2 MA | ALG | SID | 8CY70 | 2N3965 | 0 |
| BC178A | PS | 1018 | LCl | 30 V | 25 V | 5 V | 200ma | 175C | 30 CNmF | 100N | 7P | 120 NN | 2 MA | ALG | SID | BCY71 | 2N3965 | 0 |
| BC178 | PG | 1018 | LC1 | 30 V | 25 V | 5 V | 20 cma | 175C | 30 CNWF | 100 M | 7 P | 180 MN | 2 Na | ALG | SID | ecy 71 | 5 | 0 |
| BC179 | PS | T018 | LCl | 25 V | 20 V | 5 V | 50 MA | $175 C$ | 30 CMWF | 100M | 7 P | 70 MN | 2 MA | ALA | SID | BCY70 | 2N3965 | 0 |
| BC179A | PS | 1018 | LCI | $25 V$ | 20 V | 5 V | 50MA | 1750 | 300 MhF | 100 N | 7 P | 120 mN | 2 MA | AlA | SID | BCY71 | 2N3965 | 0 |
| 8C1798 | PS | 1018 | LO1 | 25 V | 20 V | 5 V | SOMA | 1750 | 300 MiNF | 100 M | 7 P | 180 MN | 2 MA | Ala | SID | BCY71 | 2N3965 | 0 |
| eC 181 | PS | $\times 10$ | L19 | 40 V | 25 v | 5 V | 200MA | $150 C$ | 30 CMFF | 100N |  | 60 MN | 2MA | ALG | TIE | BC237 | 2N5825 | 0 |
| ecisla | PS | $\times 10$ | L19 | 40 V | 25 v | 5 V | 200na | $150 C$ | 300 MWF | 100 M |  | 100 mN | 2 MA | ALG | TIB | BC237 | 2N5825 | 0 |
| BC 182k | As | $\times 10$ | L20 | 60 V | 50 V | 5 V | 200MA | 150 C | 300 MLF | 150M | 5P | 120 MN | 2 MA | ALG | TiB | BC237 | 2N5825 | 0 |
| BC182kA | NS | $\times 10$ | L20 | 60 V | 50 V | 5 V | 200mA | 150 C | 30 CMWF | 150 N | 5 P | 120 mN | 2 MA | ALG | TIE | BC237 | 2N5825 | 0 |
| BC182KB | AS | $\times 10$ | L20 | 60 V | 50 V | 5 V | 200MA | 150C | 300 MWF | 150N | 5 F | 240 MN | 2 MA | Alg | TIR | BC237 | 2N5825 | 0 |
| BC182L | NS | 1092 | L21 | 60 V | 50 V | 5 V | 200 mA | 150C | 30 CNWF | 150 M | 5 P | 120 MN | 2MA | ALG | If | BC182L | 2N5209 | 0 |
| BC1821A | ns | 1092 | L21 | 60 V | 50 V | 5 V | 200～A | $150 C$ | 300 MWF | 150N | 5 P | 120 MN | 2 MA | ALG | Y IB | EC182L | 2N5209 | 0 |
| BC182LB | AS | 1092 | 121 | 60 V | 50 V | 5 V | 200MA | $150 C$ | 300 MWF | 150N | 5 P | 240MN | 2 MA | AL G | T18 | BC182L | 2N5 209 | 0 |
| EC183K | NS | $\times 10$ | L20 | 45 V | 30 V | 5 V | 200mA | 150 C | 300 NmF | 150 N | 5 P | 120 m | 2 MA | ALG | TIE | BC 237 | 2N5 825 | 0 |
| BCL83KA | NS | $\times 10$ | L20 | 45 V | 30 V | 5 V | 200na | 150 C | 30 MmF | 150 N | 5 P | 120 M | 2MA | ALG | TIB | BC 237 | 2N5825 | 0 |
| BC183KB | $\wedge S$ | $\times 10$ | L20 | 45 V | 30 V | 5 V | 200NA | 150C | 300MWF | 150 M | 5 P | 240 MN | 2 MA | ALG | Tis | BC237 | 2N5825 | － |
| BC183kC | NS | $\times 10$ | L20 | 45 V | 30 V | 5 V | 200MA | 150 C | 300 MFF | 150N | 5 P | 450 NN | 2 MA | ALG | TIE | BC237 | 2N5825 | 0 |
| BC183L | AS | 1092 | L21 | 45 V | 30 V | 5 V | 2coma | 150C | 300 MhF | 150 N | 5 P | 120 mN | 2MA | ALG | TIB | BC1321 | 2N5209 | 0 |
| BC 183 LA | NS | T092 | L21 | 45 V | 30 V | 5 V | 200mA | 150 C | 30 CMW | 150N | 5 D | 120 MN | 2 MA | ALG | IIE | BC182L | 2N5 209 | 0 |
| BC183L8 | NS | 1092 | L21 | 45 V | 30 V | 5 V | 200MA | 150 C | 300 MWF | 150 M | 5 P | 240 MN | 2MA | ALG | ITB | BC 182 L | 2N5209 | 0 |
| BC1832C | AS | T092 | L21 | 45 V | 30 V | 5 V | 200NA | 150C | 300 MWF | 150M | 5 P | 450 MN | 2 MA | ALG | TB | BC 182 L | 2N5209 | 0 |
| EC184K | NS | $\times 10$ | Lくて | 45 V | 30 V | 5 V | 200mA | $150 C$ | 30 CNhF | 150N | 5 F | 240 NN | 2NA | ALN | TIE | BC239 | 2N5 827 | 0 |
| BC184K3 | NS | $\times 10$ | L20 | 45 V | 30 V | 5 V | 200kA | 150 C | 30 CMWF | 150N | 5 P | 240 MN | 2 MA | ALN | T1日 | BC239 | 2N5827 | 0 |
| BC 184 KC | NS | $\times 10$ | L2C | 45 V | 30 V | 5 V | 200 MA | 150C | 30 CMWF | 150 M | 5 P | 450 MN | 2 MA | ALN | TIB | BC239 | 2N5827 | 0 |
| BC 184L | NS | T092 | L21 | 45 V | 30 V | 5 V | 200MA | 150 C | 300 MWF | 150 M | 5 P | 240 MN | 2 MA | ALN | T18 | BC 184L | 2N5210 | 0 |
| BC184LB | As | 1092 | L21 | 45 V | 30 V | 5 V | 200NA | 150C | 300 MmF | 150N | 5 P | 240 MN | 2MA | ALN | TIB | BC 184 L | 2N5210 | 0 |
| BC 184 LC | NS | TC92 | L21 | 45 V | 30 V | 5 V | 200ma | 150 C | 30 CNWF | 150N | 5 P | 450 NN | 2MA | ALN | II日 | BC184L | 2N5210 | 0 |
| －${ }^{\text {CC1 } 185}$ | NS | 1039 | L04 | 40 V | 40 V | 5 V | 500 MA | 200C | 700 MWF | 200M | 8P | 40 MN | I Coma | RMG | SGI | BSW54 | 2N2219A | 0 |
| BC 186 | PS | T018 | LC1 | 40 V | 25 V | 5 V | 100MA | 175 C | 300 MWF | 50 M | $7{ }^{\circ}$ | 40 MN | 2 MA | Ala | MUB | BCY7C | 2N3965 | 0 |
| BC 187 | PS | 1018 | LC1 | 30 V | 25 V | 5 V | 100mA | $175 C$ | 300 MWF | 50 M | 78 | 100 mN | 2MA | Ala | MUB | BCY71 | 2N3965 | 0 |
| BC190A | NS | 1018 | LCI | 64 V | 64 V | 5 V | 100MA | 150C | 300 MmF | 100N | 6 P | 125 MN | 2MA | ALG | Ita | BC107 | 2N929 | － |
| BC190b | As | 1018 | LCl | 64 V | 64 V | 5 V | 100m | 150C | 30 CMWF | 100 m | 6 P | 240 MN | 2 MA | ALN | ITB | bclos | 30 | 0 |
| BC192 | PS | T018 | LC1 | 25 V | 25V | 5 V | 500 MA | 200C | 400 MWF | 100 M | 12 P | 60 MN | 5 CMA | AMG | ITB | BSW24 | N29074 | 0 |
| BC204 | PS | T0106 | L17 | 45 V | 45 v | 5 V | 100MA | $125 C$ | 300 MWF | 100 M | 6 P | 75 MN | 2 MA | ALG | SGI | BC 204 | 2N4248 | 0 |
| BC 204 A | PS | rolce | L17 | 45 V | 45 V | 5 V | 100ma | 125 | 300 MWF | 100 N | 6 P | 125 MN | 2 Ma | AL G | FCU | BC307 | 2N6015 | 0 |
| BC 204 B | PS | tolce | L17 | 45 V | 45 V | 5 V | 100 mA | 125C | 30 CMHF | 100 N | 6 F | 240 MN | 2 MA | AIN | FCU | BC 309 | 2N6003 | 0 |
| BC 205 | PS | T0106 | L17 | 20 V | V | 5 V | 100M | 125 C | 300 MWF | 100M | $6 P$ | 75MN | 2MA | ALG | SGI | BC 204 | 248 | 0 |
| BC 205 A | PS | T0106 | L17 | 20 V | 20 V | 5 V | 100mA | $125 C$ | 300 MWF | 100 M | 6 P | 125 MN | 2MA | ALN | FCU | 8C309 | N6003 | 0 |
| BC205E | PS | 101C6 | L17 | 20 V | 20 V | 5 V | 100mA | $125 C$ | 300 MmF | 100N | 6 P | 240 NN | 2MA | ALN | FCU | BC 309 | 2N6003 | 0 |
| BC206 | PS | T0106 | L17 | 20 V | 20 V | 5 V | 100MA | 1256 | 300 mWF | 100 N | 6 P | 125 MN | 2 MA | ALN | SGI | 8C206 | 2N4250 | 0 |
| EC 206 A | PS | T0106 | 117 | 2 CV | 20 V | 5 V | 100ma | 125 C | 30 CMWF | 100～ | 6 F | 125 MN | 2 MA | ALN | fCU | BC309 | 2N6003 | － |
| BC206E | PS | T0106 | 117 | 20 V | $20 v$ | 5 V | 100ma | 1250 | 300 MWF | 100M | 6 P | 240 mN | 2 MA | ALA | FCU | BC 309 | 2N6003 | 0 |
| BC 207 | NS | T0106 | 117 | 45 V | 45 V | 5 V | 100 mA | $125 C$ | 300 MWF | 150M | 5 P | 75／500 | 2MA | ALG | SG I | BC207 | 2N4966 | 0 |
| BC207A | NS | 10106 | L17 | 45 V | 45 V | 5 V | 100 ma | 125C | 300 MWF | 150 N | 5 P | 125 MN | M ${ }^{\text {a }}$ | ALG | FCU | BC 207 | 2N4966 | 0 |
| BC207E | NS | 10106 | L 17 | 45 V | 45 V | 5 V | 100 mA | 125C | 300 MWF | 150 N | 5 P | 240 mN | 2MA | ALN | fCU | BC239 | 2N5827 | 0 |
| BC208 | NS | T0106 | L17 | 2 CV | 20 V | 5 V | 10cma | 125 C | 300 MWF | 150 M | 5 P | 75／900 | 2MA | AL G | SG I | BC207 | 2N4966 | 0 |
| ect208A | As | T01c6 | L17 | 20 V | 20 V | 5 V | 100na | 1250 | 300 MmF | 150 N | 5 F | $125 N \mathrm{~N}$ | 2MA | ALG | FCU | 8C 207 | 2N4966 | 0 |
| 8C2088 | As | T016t | L17 | 20 V | 20 V | 5 V | 100mA | $125 C$ | 300 MWF | 150 N | 5 P | 240 MN | 2MA | ALN | FCU | BC239 | 2N5827 | 0 |
| BC 208C | NS | T0106 | L17 | 2 cv | 20 V | 5 V | 100 mA | $125 C$ | 300 MhF | 150 N | 5 P | 450 NN | 2 MA | ALN | FCU | BC239 | 2N5827 | － |
| $8 \mathrm{BC209}$ | NS | TO106 | L17 | 45 V | 45 v | 5 V | 100 ma | 125 C | 300 mmF | 150 M | 5 P | 240 mN | 2 MA | ALN | SGI | BC209 | 2N4967 | － |
| 8C2098 | AS | T0106 | L17 | 45 V | 45 V | 5 V | 100NA | 125 C | 300 MWF | 150M | 5 P | 240 MN | 2MA | ALN | FCU | BC239 | 2N5827 | 0 |
| EC209C | NS | tolce | L17 | 45 V | $45 v$ | 5 V | 100mA | 125C | 30 CMWF | 150～ | 5 F | 450 MN | 2MA | ALN | fCu | BC 239 | 2N5827 | 0 |
| －C，2 10 | As | T018 | LO1 | 50 V | 25 V | 4v | 700NA | 175 C | 450 MWF | 100N | 8 P | 20 NN | 150MA | AMG | MIS | BS×33 | 2N731 | 0 |
| BC 211 | NS | 1039 | LC4 | 8 CV | 40 V | $7 v$ | 1 A | 175C | 80 CNWF | 30 M | 6 P | 40 MN | 3CCMA | AMG | NIS | BFYSI | 2N2297 | 0 |
| BC211A | NS | T039 | L04 | 100 V | 60 V | 5 V | 1 A | 175 C | 800 MwF | 50 M | 25 P | 40／250 | 150MA | ANH | SEU | BFY50 | 2N 2297 | － |
| BC212 | PS | $\times 10$ | L20 | 60 V | 50 V | 5 V | 200NA | 150 C | 300 MWF | 200 M | 9 P | 60／300 | 5MA | ALG | TFK | BC 307 | 2N6015 | － |
| ec 212 A | PS | $\times 10$ | L2C | 6 Cb | 50 V | 5 V | 200mA | 1506 | 30 cmhF | 200～ | 9 F | 100 mN | EMA | ALG | TFK | BC307 | 2N6015 | 0 |
| BC212B | PS | $\times 10$ | L20 | 60 V | 50 V | 5 V | 200NA | 1500 | 30 CMWF | 200N | 9 P | 200 mm | 5MA | ALG | TFK | BC 337 | 2N6C15 | 0 |
| BC212k | PS | $\times 10$ | 120 | 60 V | 50 V | 5 V | 200～A | 150C | 300 MWF | 200M | 10P | 50 Mn | 2 MA | AL G | IIB | BC307 | 2N6015 | 0 |
| BC 212 kA | PS | $\times 10$ | 120 | 60 V | 50 V | 5 V | 200mA | 150 C | 300 MWF | 200M | 10 P | 100 | 2MA | ALG | 113 | BC 307 | 2N6015 | 0 |
| BC212kB | PS | $\times 10$ | 120 | 60 V | 50 v | 5 V | 200～A | $150 C$ | 300 MWF | 200 ${ }^{\text {r }}$ | 10P | 2 COMN | 2MA | ALG | TIE | BC 307 | 2N6015 | － |
| EC 2121 | PS | 1092 | L21 | 60 V | 50 V | 5 V | 200ma | 15CC | 30 CMWF | 200～ | 10 P | 50 mN | 2 Ma | ALG | TIE | BC212L | 2N508t | 0 |
| BC212LA | PS | 1092 | L21 | 60 V | 50 v | 5 V | 200ma | 1506 | 30 CMWF | 200M | 10P | 100mn | 2MA | ALG | tie | BC212L | 2N5086 | 0 |
| BC21218 | PS | 1092 | 121 | 60 V | 50 V | 5 V | 200mA | 1506 | 300 MWF | 200M | 109 | 200 MN | 2 MA | ALG | TIB | BC 212 L | 2N5086 | 0 |
| EC 2131 | PS | 1092 | L21 | 45 V | 30 V | 5 V | 200MA | 1506 | 300 MWF | 200M | 10 P | T0MN | 2 MA | ALG | TIB | BC212L | 2N5086 | 0 |
| EC213k | PS | $\times 10$ | L2C | 45 V | 30 V | 5 V | 200ma | 15cc | 300 mmF | 200N | 108 | TONN | 2MA | ALG | TIE | BC 309 | 2N6．003 | 0 |
| eC213kA | PS | $\times 10$ | L2C | 45 V | 30 V | 5 V | 20cma | 150 C | 300 NWF | 200～ | 10 P | 100 mN | 2MA | ALG | IIB | 8C309 | 2N6003 | 0 |
| 8C213kB | PS | $\times 10$ | L2C | 45 V | 30 V | 5 V | 200mA | 150 C | 300 MWF | Pouc | 10 P | 200mN | 2MA | ALG | tib | BC309 | 2N6003 | 0 |
| BC213kC | PS | $\times 10$ | L20 | 45 V | 30 V | 5 V | 200 mA | 150 C | 300 MWF | 200N | 10P | 350 NN | 2 MA | ALG | TIE | BC 309 | 2N6003 | － |
| BC2132A BC 21318 | PS PS | 1092 1092 | L21 | 45 V 45 V | 30 V 30 V | $5 v$ $5 v$ | 200 ma 200 ma | $150 C$ $150 C$ | 300 MWF 30 CNWF | 200N | 10P | 100 mN 200 mN | 2MA | AL G | tib | BC213L | 2N5086 | 0 |


| TRANSISTOR NUMBER | $\begin{array}{\|c} \text { PM } \\ 0 A \\ \text { LT } \end{array}$ | PACK- | $\left\|\begin{array}{c} \text { LEAD } \\ \text { INFO } \end{array}\right\|$ | $\begin{aligned} & \text { VCB } \\ & \text { MAX } \end{aligned}$ | $\begin{aligned} & \text { VCE } \\ & \text { MAX } \end{aligned}$ | $\begin{aligned} & \text { VEB } \\ & \text { MAX } \end{aligned}$ | $\underset{\text { max }}{1}$ | $\begin{gathered} \mathbf{T} \\ \operatorname{MAX} \end{gathered}$ | tот | $\stackrel{\top}{\mathrm{M} N}$ | $\begin{aligned} & \text { OB } \\ & \text { MAX } \end{aligned}$ | $\mathrm{H}_{\text {FE }}$ | $\underset{\text { BIAS }}{\mathrm{HFE}_{\mathrm{FE}}}$ | USE | MFB | $\begin{aligned} & \text { EURO } \\ & \text { EQVT. } \end{aligned}$ | USA | iss |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| BC213LC | PS | 1092 | L21 | 45 V | 30 V | 5 v | A | 150C | 300 NWF | 200M | 108 | 350MN | 2 MA | ALG | TIB | BC 212L | 2N5086 | 0 |
| 3C214k | PS | $\times 10$ | 120 | 45 V | 30 V | 5 V | 200MA | 150 C | 300 M | 200 N | 10P | 125 MN | 2 MA | Al | TIB | BC 309 | 2N6003 | 0 |
| BC214K8 | PS | $\times 10$ | L20 | 45 V | 30 V | 5 V | 200Na | $150 C$ | 300 NFF | 200 N | 10 P | 200 mN | 2 mA | aln | TIE | BC309 | 2N6003 | － |
| BC214KC | PS | $\times 10$ | 120 | 45 V | 3 V | 5 V | 200MA | 150 C | 30 CNWF | 200M | 10 P | 350 MN | 2 MA | ALN | Tib | BC309 | 2N6003 | 0 |
| BC 214 L | PS | 1092 | L21 | 45 v | 30 V | 5 V | 200MA | 150 C | 300 MWF | 200 M | 10 P | 125 MN | 2 MA | aLn | 118 | BC 2142 | 2N5087 | 0 |
| BC214LE | PS | 1092 | 121 | 45 V | 3 CV | 5 v | 200ma | 1500 | 300 N | 200M | 10 P | 200 M | 2 Ma | aln | TIB | BC214L | 2N5087 | 0 |
| EC214LC | PS | 1092 | 121 | 45 V | 30 V | 5 V | 200MA | 1506 | 300 mmF | 200N | 10 P | 350 MN | 2 MA | ALN | TIB | BC 239 | 2N5827 | 0 |
| BC215 | Ps | T018 | L01 | 50 V | 30 V | 5 V | 500 Na | $200 C$ | 40 CMmF | 150 M | 8 P | 40 mN | 150ma | AMG | Mis | BSW24 | 2N2907A | 0 |
| 8C220 | AS | 10106 | L17 | 30 V | 25 V | 5 v | 50 ma | 1250 | 200 MWF | 60 M | 6 P | 100 N | 1 MA | alg | SGI | BC207 | 2N4966 | 0 |
| BC221 | PS | 10105 | L04 | 30 V | 30 V | 5 V | 500 ma | $125 C$ | 300 MWF | 15M | 15P | 50 mm | 10 MA | ANG | MCB | BFS95 | 2N4036 | 0 |
| BC222 | As | T0105 | 104 | 30 V | 30 V | 5 v | 500 ma | 1250 | 300 | 55 N | 20 P | 50 m | 10 ma | AMG | SG | bFr50 | 2N2297 | 0 |
| BC223 | NS | $\times 10$ | Lくて | 50 V | 30 V | 5 V | 400 MA | 150 C | 36 CM | 100 N | 10 P | 100 mN | 50 MA | ALG | TIW | BC237 | 2N5825 | 0 |
| BC223A | ns | $\times 10$ | 120 | 50 V | 30 V | 5 V | 400 Na | 150 C | 360 MWF | 100 M | 10 P | 100 mN | 50 MA | ALG | Jiw | BC 237 | 2N5825 | 0 |
| BC223日 | As | $\times 10$ | 120 | 50 V | 30 V | 5 V | 400 Na | 150 C | 360 MH | 100M | 10 P | 200Mn | 50 ma | ALG | Tin | BC239 | 2N5827 | 0 |
| BC， 224 | PS | TC92 | 114 | 30 V | 3 cv | 6 V | 30 MA | 150 C | 250 NHF | 100 M | 6 P | 150 mN | ima | ALN | गW | BC 214L | 2N5087 | 0 |
| HC225 | Ps | 10166 | L17 | 40 V | 40 V | 5 V | 100 ma | 125 C | 200 | 100 N | 8 P | 90 | 10 | ALG | SGI | HC204 | 2N4249 | 0 |
| BC 226 | As | 1039 | L04 | 40 V | 30 v | 5 v | 500 mA | 200 C | 800 NWF | 30M | 25 P | 130 mN | 1 coma | AMG | SG I | BFY51 | 2N2297 | 0 |
| BC231A | Ps | 1092 | 114 | 40 V | 30 V | 5 V | 400 MA | 150 C | 625M | 100M | 10 P | 100 N | 50 mA | ALG | SGI | BC212L | 2N 5086 | 0 |
| BC2318 | PS | 1092 | L14 | 40 V | 30 V | 5 V | 40 cma | $150 C$ | 625 MWF | 100 M | 10 P | 200 m | 50 Ma | ala | Tim | BC 2142 | 2N5087 | 0 |
| BC232A | As | 1092 | 114 | 40 V | 30 V | 5 V | 400 MA | 150C | 625 MWF | 100 N | 10 P | 100 mN | 50 MA | ALG | TM | BC182L | 2N5209 | 0 |
| EC2328 | NS | 1092 | L14 | 40 V | 30 V | 5 v | 400～A | 150 | 625 M | 100 | 10 P | 200 | 50 ma | ALG | IW | BC184 | 2N5 | 0 |
| BC 236 | ns | T0106 | 417 | 120 V | 2 cv | 5 v | 50 Na | 125 C | 300M | 40 M | 8 P | 30 MN | 30 MA | alt | MIS | BC394 | 2N4390 | 0 |
| BC 237 | NS | $\times 10$ | L2C | 50 V | 45 V | 6 V | 100 mA | 1250 | 300 | 150 M | 5 P | 110 M | 2 N | AL | muB | BC 237 | 2N5825 | 0 |
| BC237A | NS | $\times 10$ | L20 | 50 V | 45 v | 6 V | 100 MA | 1250 | 300 mmF | 150 N | 5 P | 110 MN | 2 NA | Alg | MLB | BC 237 | 2N5825 | 0 |
| BC237B | AS | $\times 10$ | L20 | 50 V | 45 V | 6 V | 100ma | 125 C | 30 CMWF | 150N | 5 P | 200 m | 2 MA | AL | mue | 8C237 | 2N5825 | 0 |
| BC238 | NS | $\times 10$ | 120 | 30 | 20 V | 5 V | 100 | 125 | 300 M | 150 M | 5P | 110 | 2 Na | ALG | B | BC 23 | 2N 5825 | 0 |
| BC238A | NS | $\times 10$ | 120 | 30 v | 20 V | 5 v | 100na | 1250 | 300m | 150M | $5 \mathrm{5P}$ | 110 MN | 2 MA | ALG | MIJB | BC237 | 2N5825 | 0 |
| BC238B | AS | $\times 10$ | 12 C | 30 V | 20 V | 5 V | 100 MA | 1250 | 300 MLF | 150 N | 5 P | 200 M | 2 M | al G | mub | BC237 | 2N5825 | 0 |
| BC238C | NS | $\times 10$ | L2C | 30 V | 20 V | 5 V | 100 MA | $125 C$ | 30 CNWF | 150 N | 5 P | 420 m | 2 MA | ALG | Nue | BC 237 |  | 0 |
| BC239 | NS | $\times 10$ | L20 | 30 V | 20 V | 5 V | 100 ma | 125C | 300 MWF | 150 N | 5 P | 200 mN | 2NA | aln | mus | BC239 | 2N5827 | 0 |
| BC 2398 | NS | $\times 10$ | L2C | 30 | 20 V | 5 V | 100M | 125 | 300 | 150 M | 5P | 200 M | 2 MA | ALN | MLA | BC 23 | 2N58 | 0 |
| BC239C | NS | $\times 10$ | Lzo | 30 V | 20 V | 5 V | 100ma | $125 C$ | 300 M | 150 N | 5 p | 420 MN | 2 ma | aln | MLB | BC 239 | 2N5827 | 0 |
| BC250 | PS | $\times 10$ | L20 | 20 V | 20 V | 5 V | 100MA | $150 C$ | 300 M | 100 N | 6 P | 35 MN | 1 M | AlG | ITB | BC307 | 2N6015 | 0 |
| EC 25 CA | PS | $\times 10$ | L20 | 20 V | 20 V | 5 V | 100ma | $150 C$ | 300 NWF | 100 N | $6{ }^{\circ}$ | 35 MN | Ima | al G | 17 B | BC307 | 2N6015 | 0 |
| BC250B | PS | $\times 10$ | L20 | 20 V | 20 V | 5 V | 100MA | 150C | 300 MWF | 100 M | $6 P$ | 80 MN | 1 MA | ALG | ITE | BC 307 | 2N6015 | 0 |
| BC 2500 | PS | $\times 10$ | L2C | 20 V | 20 V | 5 V | 100 m | 1500 | 300 N | 100 M | 6 P | 200 M | 1 MA | ALG | 1 IP | BC307 | 2N6015 | 0 |
| BC251A | PS | $\times 10$ | L20 | 45 V | 45 V | 5 V | 100 MA | 1500 | 300 MmF | 80 N | 6 P | 120 mN | 2 Ma | ALG | 118 | BC 307 | 2N6015 | 0 |
| BC25 18 | PS | $\times 10$ | L20 | 45 V | 45 V | 5 V | 100NA | $150 C$ | 300 mb | 80 N | 6 P | 240 MN | 2 MA | alg |  | BC307 | 2N6015 | 0 |
| BC251C | PS | $\times 10$ | L20 | 45 V | 45 v | 5 V | 100MA | 150 C | 30 CHWF | 80 M | 6 P | 450 mN | 2 ma | ALG | ITB | BC307 | 2N6015 | 0 |
| BC252A | PS | $\times 10$ | L20 | 25 v | 25 V | 5 V | 100MA | 150 C | 300 MWF | 80 M | 6 P | 120 MN | 2 MA | AL | ITP | BC 307 | 2N6015 | 0 |
| BC252B | PS | $\times 10$ | 120 | 25 V | 5 v | 5 V | 100 | 15 | 30 | 80 N | 6 P | 240MN | $2^{\text {Na }}$ | C | Itb | BC3 | 2N6015 |  |
| BC 252 C | PS | $\times 10$ | L2C | 25 v | 25 V | 5 V | 100MA | 150 C | 300 NmF | ${ }^{80 N}$ | 6 P | 450 m | 2 ma | Alg | $1 \mathrm{ITP}^{\text {de }}$ | BC307 | 2N6015 | 0 |
| BC253A | PS | $\times 10$ | L20 | 25 V | $25 v$ | 5 V | 100na | 150 C | 30 CMWF | gon | 6 P | 120 MN | 2 MA | Aln | $1{ }^{\text {a }}$ | BC 309 | 2N6003 | 0 |
| BC 253B | os | $\times 10$ | L20 | 25 V | 25 v | 5 V | 100ma | $150 C$ | 300 MWF | OM | 6 P | 240 Mn | 2 MA | aln | ITB | BC309 | 2N6003 | 0 |
| BC253C | $\mathrm{P}_{5}$ | $\times 10$ | L2C | 25 V | ， | 5 V | 100 ma | 150 C | 300 WWF | 80 M | 6 P | 450 mN | 2MA | ， | $1 \mathrm{I}_{6}$ | BC 309 | 2N6003 | 0 |
| BC256A | PS | $\times 10$ | L20 | 64 V | 64 V | 5 V | loona | 1500 | 300 | 75 N | 6 P | 120 N | 2 MA | Al | 178 | BC307 | 2N6015 | 0 |
| BC 256B | PS | $\times 10$ | L20 | 64 V | 64 V | 5 V | 100MA | 150 C | 30 cm | 75 M | 6 P | 240Mn | 2 MA | ALG | ItB | BC307 | 2N6015 | 0 |
| BC257 | PS | 1092 | 114 | 45 V | 45 v | 5 V | 100MA | 150 C | 300 MiF | 130 M | $6 \mathrm{6P}$ | 70 mN | 2 ma | alg | SID | BC 212 L | 2N5086 | 0 |
| BC257A | PS | T092 | L14 | 45 V | 45 v | 5 V | 100 MA | $150 C$ | 300 MWF | 130 M | 6 P | 120 MN | 2MA | ALG | Sin | BC 212L | 2N5086 | 0 |
| BC257B | PS | T092 | 114 | 45 V | 45 V | 5 V | 100MA | 150 C | 300 NHF | 130 N | $6^{\text {P }}$ | 180 m | 2 MA | ALG | SID | BC212L | 2N5086 | 0 |
| BC258 | PS | 1092 | L14 | 25 v | $25 \checkmark$ | 5 V | 100 ma | $150 C$ | 300 M | 130 N | $6 \mathrm{6P}$ | 70 | 2 MA | alg | SID | BC212L | 2N5086 |  |
| BC 258A | PS | 1092 | L14 | 25 V | 25 V | 5 v | 10cma | 150 C | 300 NHF | 130 M | 6 P | 120 MN | 2 NA | ALG | SID | BC212L | 2N5286 | 0 |
| BC2588 | PS | 1092 | L14 | 25 V | 25 V | 5 V | 100Ma | $150 C$ | 300 MHF | 130 M | ${ }^{6 P}$ | 180 mN | 2MA | ALG | SIn | BC212L | 2N5086 | 0 |
| BC259 | PS | 1092 | L14 | 20 V | 20 V | 5 V | 100NA | 1500 | 300 MmF | 130 N | 6 P | 120 MN | 2 MA | ALn | sic | BC2141 | 2N5087 | 0 |
| EC259A | PS | r092 | L 14 | 20 V | 20 V | 5 V | 100ma | 150C | 300 MHF | 130 N | 6 P | 120 MN | 2MA | ala | SID | BC214L | 2N5087 | 0 |
| BC 2598 | PS | T092 | L14 | 20 V | 20 V | 5 V | 100na | 150 C | 300 M | 130 M | 6 P | 180 MN | 2 Na | ALN | Sio | 8C2142 | 2N 5087 | 0 |
| BC260 | PS | T018 | LCI | 20 V | 20 V | 5 V | 100Na | 1750 | 300 MWF | 100 M | 6 P | 35 MN | 1 MA | ala | Ith | BCY70 | 2N3965 | 0 |
| BC 260A | PS | T018 | L01 | 20 V | 20 V | 5 V | 100ma | 1750 | 300 MWF | 100 M | ${ }^{6 P}$ | 35 MN | 1 MA | ala | Ita | BCr70 | 2N3965 | 0 |
| 8C2608 | PS | T018 | LO1 | 20 V | 20 V | 5 V | 100 ma | 175C | 300 NmF | 100 N | 6 P | 80 N | ina | Ala | ITs | BCY71 | 2N3965 | 0 |
| BC260C | PS | T018 | LC1 | 20 V | V | 5 V | 100ma | 175 C | 30 MMWF | 100M | $6 P$ | 200 mN | 1 ma | ala | $1 \mathrm{IT}^{\text {a }}$ | BCY71 | 2N3965 | 0 |
| BC261 | PS | T018 | LC1 | 45 v | 45 v | 5 V | 100 ma | 1750 | 300M | 100 M | 6 P | 125 M | 2 MA | Ala | Ite | BCY 71 | 2N3965 | 0 |
| BC261A | PS | T018 | LC1 | 45 V | 45 V | 5 V | 100MA | 1750 | 300M FF | 100 | 6 P | 125 mN | 2 MA | ALA | ItB | BCY71 | 2N3965 | 0 |
| BC2618 | PS | T018 | LO1 | 45 V | 45 v | 5 V | looma | 1750 | 300 MWF | 100 M | 6 P | 240 MN | 2 ma | Ala | ITB | BCY7 | 2N3965 | 0 |
| EC261C | PS | T018 | LOI | 45 v | 45 V | 5 V | 100 ma | $175 C$ | 30 CNWF | 100 N | 6 P | 450 mN | 2MA | ala | ITP | BCY71 | 2N3965 | 0 |
| BC262 | PS | T018 | LO1 | 5 V | 25 V | 5 V | 100na | $175 C$ | 30 CMWF | 100N | 6 P | 125 N | 2MA | ala | ITE | BCY7 | 2N3965 | 0 |
| bC2t2A | PS | T018 | L01 | 25 V | 25 V | 5 V | 100ma | 1750 | 300 MhF | 1004 | 6 P | 125 MN | 2 MA | ala | Its | BCY71 | 2N3965 | 0 |
| 8C2628 | PS | T018 | LO1 | 25 V | 25v | 5 V | 100 MA | 1756 | 300 MWF | 100N | 6 P | 240 MN | 2 MA | Ala | Ite | BCY71 | 2N3965 | 0 |
| BC262C | PS | T018 | LO1 | 25 V | 25V | 5 V | 100MA | 175C | 300 MWF | 100\％ | 6 P | 450 MN | 2 MA | al A | Itr | BCry： | 2N3965 | 0 |
| BC263 | PS | T018 | LC1 | 25 V | 25V | 5 V | looma | 175 C | 300 MHF | 100 M | 6 P | 125 MN | 2 MA | Ala | Ita | BCY71 | 2N3965 | 0 |
| 8C263A | Ps | 1018 | LO1 | 5 V | 25 V | 5 V | loona | 1756 | 300 MWF | 100M | 6 P | 125 MN | 2 MA | ALA | Ite | BCY71 | 2N3965 | 0 |
| 8C2638 | PS | T018 | 101 | 25 V | 25v | 5 V | 100ma | 1750 | 300 MHF | 100N | 6 P | 240 MN | 2 MA | ala | Ita | 8 Cr 71 | 2N3965 | 0 |
| BC263C | PS | TC18 | LCI | 25 V | 25 V | 5 V | 10 Cma | 1756 | 30 CMWF | 100N | 6 P | 450 mN | 2Ma | ALA | ite | BCY7 1 | 2N3965 | 0 |
| EC264 | FE |  |  |  |  |  |  |  |  |  |  |  |  | fft | SEU |  |  | 0 |
| BC266A | ps | T018 | LC1 | 64 V | 64 V | 5 V | 100～A | 1750 | 300 MHF | 200 M | 6 P | 125 MN | 2 MA | ALA | ITB | ecril | 2N3965 | 0 |
| BC2668 | ps | T018 | LC1 | 64 | 64 V | 5 V | 100MA | 1750 | 300 MWF | 200 M | 6 P | 240 mN | 2MA | Ala | ita | 71 | 2N3965 | 0 |
| 86267 | NS | TO18 | LO1 | 50 V | 45 V | 6 V | 1 A | 1750 | 375 NWF | 150N | 12 P | 125 MN | 2Ma | AMG | Ati | BFX95 | 2N2222A | 0 |
| BC268 | NS | T018 | LC1 | 30 V | 20 V | 6 V | 1 A | 1750 | 375 MmF | 150 N | 12 P | 125 N | 2 Na | AMG | Ati | BFX95 | 2N2222A | 0 |
| BC269 | NS | 1018 | LO1 | 30 V | 20 V | 6 V | 1 A | 1756 | 375 MWF | 150 M | 12 P | 40mN | 2 ma | AMG | ATI | BFx95 | 2N2222A | 0 |
| BC270 | ns | T018 | LC1 | 20 V | 20 V | 6 V | 1 A | 1750 | 375 MHF | 150 M | ${ }^{12 \mathrm{P}}$ | 50 MA | 2MA | Amg | ATI | $8 \times \times 95$ | 2N2222A | ${ }^{\circ}$ |
| 8C271 | as | T018 | L01 | 25 V | 25 V | 8 V | 300ma | 1750 | 300 mF | M | 10 P | 100mN | MA | ALG | ati | 8FX95 | 222 |  |



| TRANSISTOR NUMBER | $\begin{gathered} \text { PM } \\ \mathbf{O A} \\ \mathbf{L T} \end{gathered}$ | $\begin{aligned} & \text { PACK- } \\ & \text { AGE } \end{aligned}$ | $\begin{array}{\|l\|l\|} \text { LEAD } \\ \text { INFO } \end{array}$ | $\begin{aligned} & \text { VCB } \\ & \text { MAX } \end{aligned}$ | $\begin{gathered} \text { VCE } \\ \operatorname{MAX} \end{gathered}$ | $\begin{aligned} & \text { VEB } \\ & \text { MAX } \end{aligned}$ | ${ }_{\operatorname{MAX}}^{\mathbf{c}}$ | $\begin{gathered} \mathrm{T} \\ \mathrm{MAX} \end{gathered}$ | TOT | $\begin{cases}F_{1} & C_{0 B} \\ \text { MIN } & \text { MAX }\end{cases}$ | $H_{F E}$ | $\begin{gathered} \mathrm{H}_{\mathrm{FE}} \\ \text { BIAS } \end{gathered}$ | USE | MFR | $\begin{aligned} & \text { EURO } \\ & \text { EQVT. } \end{aligned}$ | USA EQVT. | ISS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| BC333 | NS | 1092 | L14 | 25 V | 25 V | 5 V | 50 MA | 135 C | 31 CMWF | 50 M 4 P | 100 MN | 1 COUA | ALG | MOE | BC320 | 2N5086 | 0 |
| BC 334 | PS | 1092 | 114 | 25 V | 25 V | 5 V | 50 MA | 135 C | 31 CMWF | 50 M 4 P | 100MN | ICOUA | Al G | NOB | 8 BC 32 C | 2N5 286 | 0 |
| BC335 | NS | 1092 | 114 | 25 V | 25 V | 5 V | 50MA | 135 C | 310 MWF | 50M 4P | 100 MN | 1 c cua | ALN | MCB | BC 322 | 2N5087 | 0 |
| BC.336 | PS | 1092 | 114 | 25 V | $25 v$ | 5 v | 50 MA | 135 C | 310 MWF | 50 M 4 P | 100MN | 100UA | ALN | MOB | BC 322 | 2N5087 | 0 |
| BC337 | is | $\times 10$ | 120 | 50 V | 45 V | 5 v | 800 MA | 150C | 360 MWF | 60N 20P | 100 MN | 100 ma | AMG | SID | BC337 | 2N5818 | 0 |
| 8C 337/16 | NS | $\times 10$ | 120 | 50 v | 45 v | 5 V | goona | 150C | 360 MmF | 60 N 20 P | 100 mN | 1 Coma | amg | SID | BC 337 | 2N5818 | 0 |
| BC 337125 | NS | $\times 10$ | 120 | 50 V | 45 V | 5 v | 800 Na | 150 C | 360 MWF | G0M 20P | 160 MN | 1 coma | AMG | Sin | 8C337 | 2N5818 | 0 |
| BC 337/40 | NS | $\times 10$ | L2C | 50 V | 45 V | 5 V | 800MA | 150 C | 360 MWF | 60M 20P | 250 mN | 100ma | AMG | SID | BC 337 | 2N5818 | 0 |
| BC338 | NS | $\times 10$ | L<0 | 30 V | 20 V | 5 V | 800MA | 150 C | 360 MhF | 60N 20P | 100 mN | 100MA | A MG | SID | BC 337 | 2N5818 | 0 |
| BC 338/16 | AS | $\times 10$ | LiC | 30 V | 20 V | 5 V | gooma | 150C | 36 CMWF | 60N 20P | 100m | 100 ma | AMG | SID | BC337 | 2N5818 | - |
| BC338/25 | NS | $\times 10$ | L20 | 30 V | 20 V | 5 V | goona | 150C | 360 MmF | 60M 20P | 160 mN | 1 Coma | AMG | S10 | BC 337 | 2N5818 | 0 |
| BC 338/40 | NS | $\times 10$ | L20 | 30 V | 20 V | 5 V | 800 mA | 150 C | 360 MWF | 60M 20P | 250 MN | 100MA | amg | SID | BC 337 | 2N5818 | 0 |
| EC 340 | AS | 1039 | 104 | 40 V | 40 V | 5 V | 500MA | 200C | 800 NWF | $50 \mathrm{M} \mathrm{12P}$ | 40 MN | 50 MA | AMG | ITB | BFY50 | 2N2 297 | 0 |
| BC $340 / 6$ | NS | 1039 | L04 | 40 V | 40 V | 5 V | 500MA | 200 C | 80 CNWF | 50 N 12 P | 40 MN | 50 MA | AMG | ITB | BFY50 | 2N2297 | 0 |
| EC340/10 | NS | 1039 | L04 | 40 V | 40 V | 5 V | 500 Na | 200C | 800 MWF | 50 N 12P | 63 mN | 50 MA | AMG | ITE | Bfy50 | 2N 2297 | 0 |
| BC $340 / 16$ | NS | T039 | 104 | 40 V | 40 V | 5 V | 500 MA | 200C | 800 MWF | 50 M 12 P | 100Mn | 50 MA | ANG | ITB | Bfys | 2N2297 | 0 |
| BC341 | ns | 1039 | LC4 | 60 V | 60 V | 5 V | 500 NA | 2006 | 800 MWF | GON 108 | 40 MN | 50 MA | ALG | ITB | BFY50 | 2N2297 | 0 |
| BC341/6 | AS | T039 | 104 | 60 V | 60 V | 5 v | 500mA | 2000 | 800 MWF | $60 \mathrm{M} \mathrm{10P}$ | 40 MN | 50 MA | ALC | $1{ }^{1} \mathrm{~B}$ | BFY50 | 2N2297 | 0 |
| 8C341/10 | NS | 1039 | L04 | 60 V | 60 v | 5 V | 500MA | 200C | 800 mmF | GON 10P | 63 MN | 50 MA | ALG | IT8 | BFY50 | 2N2297 | 0 |
| BC 342 | NS. | 105 | LC4 | 70 V | tov | 5 V | 1 A | 2000 | 80 CMWF | 100M 20P | 20 NN | 50 CMA | ANG | NCU | BFY50 | 2N 2297 | 0 |
| BC 343 | pS | 105 | L04 | 70 V | 60 V | 5 V | 14 | 200C | ع00 NWF | 1 COM 2 CP | 20 MN | 500Ma | ANG | mou | BC 143 | 2N4037 | 0 |
| BC344 | NS | 105 | 104 | 70 V | 60 V | 5 V | 14 | 2000 | 80 CMWF | 100n 20 P | 20 NN | 150 MA | $\triangle M G$ | MOU | BFY50 | 2N2297 | 0 |
| BC 345 | PS | 105 | L04 | 90 V | 80 V | 5 V | 1 A | 200C | 900 MmF | 100~ 20 P | 20 MN | 150MA | AMG | N Cu | BC143 | 2N4037 | c |
| BC 347 | NS | T092 | 114 | 5 CV | 45 V | 5 V | 100MA | $135 C$ | 30 CNWF | 125M 4P | 40 MN | 2 MA | AL C | NOB | BC167 | 2N5 209 | 0 |
| BC 347A | NS | 1092 | 114 | 50 V | 45 V | 5 V | 100 NA | 135 C | 300 MWF | 125M 4P | 110 MN | 2MA | ALE | moe | BC 347 A | 2N3903 | 0 |
| BC 3478 | ns | 1092 | L14 | 50 V | 45 v | 5 V | 100ma | 135 C | 300 WF | 125 N 4 P | 200 MN | 2 NA | AL G | MOB | BC347A | 2N3903 | 0 |
| BC 347 L | NS | 1092 | L14 | 50 V | 45 V | 5 V | l00ma | 135C | 30 CNhF | 125 N 4 P | 40 NN | 2 MA | ALG | NOE | BC167 | 2N5209 | 0 |
| BC348 | NS | 1092 | L14 | 40 V | 30 V | 5 V | 100 ma | 135C | 30 CmWF | 125 N 4 P | 40 Nm | 2 MA | ALG | NOB | BC167 | 2N5209 | 0 |
| BC 348 A | AS | 1092 | 114 | 40 V | 30 V | 5 v | 100NA | 135 C | 300 MWF | 125 M 4P | 110 MA | 2NA | AL G | MCB | BC167 | 2N5209 | 0 |
| BC 3488 | ns | 1092 | L14 | 40 V | 30 V | 5 V | 100MA | 1350 | 300 MWF | 125M 4P | 200 mN | 2 MA | ALG | MOB | BC 169 | 2N5210 | 0 |
| BC 348 L | AS | 1092 | 114 | 4 CV | 30 | 5 V | 100 MA | 135 C | 30 CmF | 125 N 4 P | 40 N | 2 Na | ALG | MCB | BC167 | 2N520s | c |
| BC 349 | NS | 1092 | L14 | 30 V | 20 V | 5 V | 100MA | $135 C$ | 30 CNWF | 125M 4P | 40 MN | 2NA | AlN | NOB | BC169 | 2N521C | 0 |
| PC 3498 | NS | 1092 | 114 | 30 V | 20 V | 5 V | 100~A | $135 C$ | 300 MWF | 125M 4P | 110 MN | 2NA | ALN | NCB | BC169 | 2N5210 | 0 |
| BC3498 | NS | 1092 | 1.14 | 30 V | 20 v | 5 v | 100NA | $135 C$ | 300 MWF | 125M 4P | 200MN | 2NA | ALN | M CB | BC 169 | 2N5210 | 0 |
| BC 3492 | ns | 1092 | 114 | 30 V | 2 Cv | 5 V | 100MA | 135 C | 300 NWF | 17.5 M 4 P | 40 MN | 2 MA | ALN | MOB | 8 Cl 159 | 2N5210 | 0 , |
| BC350 | PS | 1092 | 114 | 50 V | 45 v | 5 V | 100NA | 135 C | 30 CMWF | 125N 4P | 40 NN | 2NA | Alg | NCE | BC320 | 2N5086 | 0 |
| BC $25 C A$ | PS | 1092 | 114 | 50 V | 45 v | 5 V | locna | 135 C | 300 NWF | 125 M 4 P | 110 MN | 2 MA | AL G | NOB | BC320 | 2N5086 | 0 |
| BC 35 CB | DS | 1092 | 114 | 50 v | 45 v | 5 v | 100MA | 135C | 300 MWF | 125 M 4P | 200mN | 2 MA | ALG | MO3 | BC 322 | 2N5087 | 0 |
| BC350L | PS | 1092 | L14 | 50 V | 45 V | 5 V | 100~A | 1356 | 300 MWF | 125 N 4 P | 40 MN | 2 MA | ALG | MOB | BC 320 | 2N5086 | 0 |
| 8C351 | PS | TCS2 | 114 | 40 V | 30 V | 5 V | looma | 1356 | 300 MWF | 125 N 4 P | 40 MN | 2NA | ALG | m ${ }^{\text {a }}$ | BC 320 | 2N5086 | 0 |
| BC 3514 | PS | 1092 | L14 | 40 V | 30 V | 5 V | loona | 135 C | 30 cmwF | 125 M 4P | l10ms | A | ALG | NOP | BC 320 | 5086 | 0 |
| BC3518 | PS | 1092 | 114 | 40 V | 30 V | 5 V | 10CmA | 135 C | 300 MWF | 125 M 4 P | 200 MN | 2 Na | ALN | MOB | HC 322 | 2N5087 | 0 |
| BC 351 L | PS | 1092 | 114 | 4 OV | 30 V | 5 V | 100ma | 1356 | 300 NWF | 125M 4P | 40 MN | 2NA | ALG | M03 | BC320 | 2N5086 | 0 |
| BC352 | PS | 1092 | L14 | 30 V | 20 V | 5 V | 100 ma | 135C | 30 CmmF | 125 N 4 P | 40 mN | 2NA | ALN | mor | 8C322 | 2N5087 | c |
| BC352A | PS | 1092 | L 14 | 30 V | 20 V | 5 V | lcona | 135 C | 30 CMWF | 125 N 4 P | 110 NN | 2MA | Al G | NCE | BC320 | 2N508t | 0 |
| BC3528 | PS | TC92 | 114 | 30 V | 2 Cv | 5 V | 100ma | 1350 | 300 MmF | 125M 4P | 200ma | $\Delta$ | ALN | MOE | BC 322 | 2N 5087 | 0 |
| BC352L | PS | T092 | L14 | 30 V | 20 V | 5 v | 100ma | 135 C | 300 MWF | 125 M 4P | 40 MA | 2 MA | AlN | MOH | BC 322 | 2N5087 | 0 |
| BC 354 | PS | T0¢2 | 114 | 30 V | $25 v$ | 4 V | 200ma | 1350 | 310 NWF | 200n 5p | 63 MN | 10NA | ALG | MOR | BC320 | 2N5086 | 0 |
| BC 355 | Ps | T092 | L14 | 3 CV | 25 V | 4 V | 2 coma | 135C | 31 CNHF | 200N 5 P | 63 NN | 1 CMA | ALG | moz | BC320 | 2N508t | 0 |
| EC355A | PS | 1092 | 114 | 30 V | 25 v | 4 v | 200NA | 135C | 310 MWF | 200~ 5 P | 63 MN | 2MA | ALG | M.CP | BC 320 | 2N5086 | 0 |
| 8 C 2558 | PS | TCS 2 | 114 | 3 cv | 25 V | 4 V | 20 cma | 1350 | 310 NiFF | 200M 5P | 100 mN | 10NA | ALC | MOB | 3C 320 | 2N5086 | 0 |
| BC355C | PS | 1092 | L14 | 30 V | 25 V | 4 V | 200mA | $135 C$ | 310 MWF | 200N 5P | 150 MA | 10 Na | ALN | MOB | BC 322 | 2N5C87 | 0 |
| BC357 | PS | 1092 | L14 | 25 V | 25 V | 5 V | 100NA | 1350 | 31 CMhF | 200~ 10 P | 100 NN | loma | ALG | MCP | BC320 | 2N508t | 0 |
| QC 358 | NS | 1092 | 114 | 25 V | 25 V | 5 V | 100MA | 135C | 31 CNWF | 125M 10P | 100MN | 10 MA | $\triangle L G$ | NOB | $3 C 320$ | 2N5086 | c |
| BC360 | P $¢$ | T039 | LC1 | 40 V | 40 v | 5 v | 500 ma | 2006 | 80 CMmF | 150 M 12 P | 40 MN | 50 MA | ALG | Ite | BF×29 | 2N2905A | - |
| BC $360 / 6$ | PS | 1039 | 101 | 40 V | 40 V | 5 V | 500ma | 2 COC | EOONWF | 150 N 12P | 40 MN | 50 MA | ALG | 119 | BF× 29 | 2N2905A | 0 |
| BC $360 / 10$ | Ps | TC39 | L01 | 40 V | 40 V | 5 V | 500 ma | 200 C | 8CCNWF | 150~ 12 P | 63 MN | 50 MA | ALG | ITA | BF× 29 | 2N2905A | 0 |
| EC36C/16 | ps | T039 | LCI | 40 V | 40 V | 5 V | scona | 200C | 800 mmF | 150 12 P | 100 mN | 50 MA | ALG | ITB | BFX29 | 2N2905A | 0 |
| BC 361 | PS | 1039 | LCL | 60 V | 60 V | 5 v | s00 ma | 200 C | 800 MWF | 150M 12 P | 40 Mn | bCMA | ALE | ITB | 8FX29 | 2N2905A | - |
| BC $261 / 6$ | PS | TC39 | 101 | 60 V | tov | 5 V | 500 MA | 200C | 800 MWF | 150M 12P | 40 MN | 5 CMA | ALG | ITB | BFx 29 | 2N2905A | - |
| BC361/10 | PS | T039 | LC1 | 60 V | 60 v | 5 V | 500ma | 2000 | 800 NWF | 150N 12 P | 63 mN | 50 Ma | AlG | ITB | BF×29 | 2N2905A | 0 |
| BC 362 | PS | $\times 17$ | L35 | 5 CV | 45 v | 4 V | 1 A | 135 C | 1 hF | 50 N 12 P | 60 NN | 250~A | AME | moz | 80140 | 2N4920 | 0 |
| BC363 | Ps | $\times 17$ | L35 | 60 V | tov | 4 V | 14 | 135 C | 1 WF | 50 M 12 P | 60 NN | 25 cma | ANG | MCE | BD140 | 2N4920 | 0 |
| BC364 | PS | $\times 17$ | 135 | gov | 80 V | 4 V | $1 \Delta$ | 135 C | 1WF | $50^{M} 12{ }^{\text {P }}$ | 60 mN | 250 NA | $\triangle M H$ | MC3 | BD 140 | 2N4920 | - |
| 3C305 | AS | $\times 17$ | 135 | hov | 45 V | 4 V | 14 | 1356 | lWF | $50 \mathrm{M} \mathrm{L2P}$ | 60 mN | 250MA | ANG | MOB | BC169 | 2N4923 | 0 |
| BC366 | NS | $\times 17$ | 125 | 60 V | 60 v | 4 V | 1 A | 135 C | 1 WF | 50 N 12 P | 60 MN | 250 NA | AMH | MCE | BD169 | 2N4923 | c |
| BC 367 | As | $\times 17$ | 135 | 80 V | 8 cv | 4 V | 14 | 135 C | IWF | 50 M 12 P | 60 MN | 25 CNA | AML | NCB | BD16s | 2N4923 | 0 |
| BC370 | $p \subseteq$ | 1018 | LC 1 | 20 V | 20 V | 5 V | 1 A | 175 C | 375 MinF | $90 \mathrm{M} \mathrm{12P}$ | 50 mA | loona | ANG | AT I | BS×33 | 2N731 | 0 |
| 8C371 | ns | 1039 | L01 | 60 V | 45 v | 5 V | 1 A | $175 C$ | 850 MmF | 75M 180 | 40 Na | 150NA | ang | ATI | BFYb1 | 2N2297 | 0 |
| BC377 | ns | 1018 | L01 | sov | 45 v | 6V | $1 \Delta$ | 1756 | 375 NWF | 100~ L2P | 75 MN | 100 Na | AMG | ATI | BSW64 | 2N2222A | 0 |
| BC378 | NS | T018 | LC1 | 30 V | 25 V | 6 v | 14 | $175 C$ | 375 MkF | 100N 12P | 75 NN | 1 CONA | ANG | ATI | BS×33 | 2N731 | 0 |
| BC 381 | PS | $\times 10$ | L20 | 40 V | 25 V | 5 v | 200NA | 150 C | 625 MWF | 10GM 109 | 60 Ma | 2 MA | ALG | tis | BC307 | 2N6015 | 0 |
| BC382 | AS | $\times 10$ | L2C | 50 V | 45 V | sv | 100ma | $150 C$ | 300 NWF | 150 M 5 P | 100 MN | 2 MA | ALC | T1R | BC. 237 | 2N5325 | 0 |
| BC332E | NS | $\times 10$ | L2C | 50 V | $45 v$ | 6 V | 100ma | 125 C | 30 CMWF | 150N 6P | 240NA | 2 Ma | alg | TIh | BC 239 | 2N5827 | 0 |
| 4C382C | ns | $\times 10$ | L20 | 5 CV | 45 v | bv | 100Na | 125 C | 300 NFF | 150N 6P | 450 MN | 2 MA | al. $\wedge$ | TIn | BC239 | 2N5827 | 0 |
| BC 383 | NS | $\times 10$ | L20 | 45 V | 3 CV | 6 V | 100na | 150C | 30 CMWF | 150M 5P | 100 ma | 2MA | ALG | TIE | BC 237 | 2N5825 | 0 |
| BC 3338 | AS | $\times 10$ | L20 | 45 V | 30 V | 6 V | loona | 1256 | 300 MWF | 150 M 6P | 240 MN | 2 NA | ALN | Th | BC 239 | 2N5827 | 0 |
| BC393C | AS | $\times 10$ | L2C | 45 V | 3 cv | 6v | l coma | 1256 | 450 NWF | 150N 10P | 450 mN | 2 MA | ALN | TIn | BC239 | 2N5827 | 0 |
| EC 384 | NS | $\times 10$ | L2C | 45 V | 30 V | 6 V | 10 cma | 1506 | 300 NmF | 150N 5P | 250 MN | 2MA | ALN | Ti8 | BC, 239 | 2N5 827 | - |
| BC385 | NS | $\times 10$ | L20 | 45 V | 45 V | 6 V | 0 | 50C | 30 cmh | 50~ 5P | 100 MN | 2 MA | AL G | TIB | 8C237 | 2N5825 | 0 |


| TRANSISTOR NUMBER | $\left\|\begin{array}{c} P M \\ 0 A \\ L T \end{array}\right\|$ | $\begin{array}{\|r\|} \text { PACK- } \end{array}$ | $\begin{array}{\|l\|l\|} \text { LEAD } \\ \text { INFO } \end{array}$ | $\begin{aligned} & \text { VCB } \\ & \text { MAX } \end{aligned}$ | VCE MAX | $\begin{aligned} & \text { VEB } \\ & \text { MAX } \end{aligned}$ | $\underset{\operatorname{MAX}}{\mathbf{I}}$ | $\stackrel{\mathbf{T}}{\underset{\text { max }}{J}}$ | тот | $\mathrm{F}_{\mathrm{T}} \mathrm{~T}^{\prime}$ | $\begin{aligned} & C_{O B} \\ & \text { MAX } \end{aligned}$ | $H_{F E}$ | $\begin{gathered} \mathrm{H}_{\mathrm{FE}} \\ \text { BIAS } \end{gathered}$ | USE | MFR | $\begin{aligned} & \text { EURO } \\ & \text { EQVT. } \end{aligned}$ | USA EQVT． | ISS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| EC 384 E | NS | $\times 10$ | LíC | 45 V | 30 V | 6 V | 100 mA | 125C | $30 / \mathrm{NkF}$ | 150M | 6 F | 240 mN | 2 ma | ALN | TIW | BC 239 | 2N5827 | 0 |
| BC384B | NS | $\times 10$ | L20 | 45 V | 30 V | 6 V | 100 mA | 125 C | 30 CMWF | 150N | 6 F | 240 mN | 2 MA | ALN | tin | BC239 | 2N5827 | 0 |
| 8C 384 C | NS | $\times 10$ | L2C | 45 V | 30 V | 6 V | 100ma | 125C | 30 CMWF | 150 M | 6 P | 450 MN | 2 Na | ALN | IIW | BC239 | 2N5827 |  |
| BC 386 | NS | $\times 10$ | L20 | 30 V | 20 V | 6 V | 100MA | 150C | 300 MmF | 150 M | 5 P | 100 mN | 2 MA | ALG | TIB | BC 237 | 2N5825 | 0 |
| BC387 | AS | 1092 | 114 | 35 V | 30 V | 5 v | 600NA | 135 C | 310 MwF | 200M | 10 P | 40／300 | 100 MA | ANG | MCB | BC 387 | 2N4401 | 0 |
| BC388 | PS | 1092 | 114 | 35 V | 30 V | 5 V | 600 ma | 1356 | CN | 200～ | 10 P | 40／300 | 10 CMA | AMG | 0 O | BC388 | 4403 | 0 |
| 8C389 | NS | T018 | LOL | 45 V | 45 V | 6 V | 200 m | 175 C | 300 M | 150 | 7 P | 40 m | 10 A | AL | AT | BC109 | 93 | 0 |
| BC 390 | ns | 1018 | LCl | 20 V | V | 67 | 200 ma | 175 C | 300 M | 150M | 7 P | 40 M | 1 CUA | ALA | ATI | BC109 | 2N930 | 0 |
| BC 391 | As | 1018 | LOI | 20 V | 20 V | 6 V | 200MA | 175C | 300 MwF | 150 M | 7 P | 40 MN | lous | Ala | ATI | BC 109 | 2N930 | 0 |
| BC393 | PS | 1018 | LCI | 180 V | 180 V |  | 100mA | 200C | 400 MWF | 60 N | 8 P | 50 MN | 2NA | ALE | SGI |  | 2N4357 | 0 |
| BC 394 | NS | 1018 | LCl | 160 V | 160 V | ov | 100ma | 200 C | 800 MW | 40 M | 9 P | 30 | 1 CNA | ALE | SGI | F33 | 7 | 0 |
| BC 395 | NS | T0105 | LC4 | 80 V | 70 V | 5 V | 500 NA | 125 C | 30 cm WF | 30 M | 24 P | 40 N | 1 cma | AMH | SGI | BSW66 | 2N4001 | 0 |
| eC39t | PS | T0105 | 117 | qov | 70 V | 5 v | 500 m | 125 | 300 M |  | 1 CP | 40 M | 10MA | ANH | SGI |  | 29 | 0 |
| BC400 | PS | race | 117 | 90 V | 80 V |  | 50 M | 125 | 200 m | 20N | 8 p | 100 M | INA | ALH | SG I | BSV68 | 2N3497 | 0 |
| BC407 | NS | TOLCE | L17 | 5 CV | 45 V | 6 V | 100 ma | 125C | 25 CNW | 150 N | 5 P | 110 MN | 2 MA | ALG | VAL | BC207 | 2N4966 | 0 |
| EC 407A | ns | 10106 | 117 | 5 CV | 45 | 6 | 100na | 1250 | 250 m | 150 M | 5 P | 10 M | 2 Na | AL G | VAL | BC20 | 2N4966 | 0 |
| BC4078 | NS | 10106 | L17 | 50 V | 45 V | 6 v | 100ma | $125 C$ | 250 M | 150 M | 5 P | 200 M | 2MA | ALG | VAL | BC 207 | 966 | 0 |
| EC408 | NS | 10106 | 117 | 30 V | 20 V | 5 V | 100～A | $125 C$ | 250M | 150N | 5 P | 110 N | 2 MA | ALG | VAL | BC 207 | 966 | 0 |
| BC408A | ns | T010t | 1.17 | 30 V | 20 V | 5 V | 100mA | 1250 | 250 MHF | 150N | 5 P | 110 MN | 2 MA | ALG | VAL | BC207 | 2 W 4966 | 0 |
| EC4088 | NS | T010t | 117 | 30 V | 20 V | 5 V | l 00 ma | 125 C | 25 CMmF | 150 N | 5 P | 200 N | 2NA | al g | VAL | HC207 | 2N496t | 0 |
| EC408C | As | 10106 | 41 | 30 V | 20 V | 5 v | 10CNA | 1250 | 250 | 150M | 5 P | 420 | NA | L 6 | L | BC 207 | $2 \times 4966$ | 0 |
| RC409 | AS | T01C6 | 117 | 30 V | 20 V | 5 V | 100 mA | 1250 | 250 M | 150 M | 5 P | 200 M | 2 MA | AlN | VAL | BC209 | N4967 | 0 |
| BC409 | NS | tolce | 117 | 3 CV | 20 V | 5 V | 100 M | 1256 | 250 | 150 N | 5 P | 200 M | MA | ALN | VAL | BC209 | 967 | 0 |
| 964096 | NS | T0166 | L17 | 30 V | 20 V | 5 V | 100NA | 125C | 250 Mm | 150 N | 5 P | 420 NN | 2 MA | ALN | VAt | BC209 | 2N4967 | 0 |
| BC413 | AS | $\times 10$ | 120 | 45 V | 30 V | 5 V | 100MA | 150C | 30 CNWF | 250 M | 5 P | 180 mN | 2NA | ALC | SID | BC239 | 2N5827 | 0 |
| EC413E | NS | $\times 10$ | 120 | 4 | 30 V | 5 V | 100NA | 1500 | 300 MhF | 25 | 5 P | 180 NN | NA | ALG | IFK | PC 239 | 2N5827 | 0 |
| BC413C | As | $\times 10$ | 12 C | 45 V | 30 V | 5 V | l00ma | 150C | 300 Mm | 250 N | 5 P | 3 BOM | 2MA | ALG | TFK | BC239 | 2N5827 | 0 |
| BC414 | NS | $\times 10$ | LこC | 5 cv | 45 V | 5 V | 100 Ma | 150 C | 300 | 250 N | 5 F | 180 NN | A | AtG | SI | BC239 | 2N5827 | 0 |
| BC4148 | NS | ＋10 | LこC | V | 45 v | 5 V | loon | 150C | 30 C | 250 N | 5 P | 180 N | MA | ALG | TF | BC 239 | 2N5827 | 0 |
| BC414C | PS | $\times 10$ | L2C | 50 V | 45 v | 5 v | loona | 150C | 300 MWF | 250 M | 5 P | 380 MN | 2 MA | ALA | TFK | BC239 | 2N5827 | 0 |
| $8 C 415$ | PS | $\times 10$ | L20 | 45 V | 35 V | 5 V | 100MA | 1500 | 30 CMhF | 200～ | 5 F | 120 MN | 2 ma | ALG | TFK | BC 307 | 2N6015 | 0 |
| 86．415A | PS | $\times 10$ | L20 | 45 V | 35 V | 5 V | 100 NA | 150C | 300 NWF | 200N | 5 P | 120 M | 2 MA | ALG | TF | BC 307 | 2N6015 |  |
| AC4158 | PS | $\times 10$ | L2C | 45 v | 35 V | 5 V | locma | 150 C | 30 C | 200M | 5 P | 180 M | 2MA | Al C | IF | BC307 | 2N6015 | 0 |
| HC415C | os | $\times 10$ | L20 | 45 V | 35 v | 5 V | 100 MA | 150 C | 300 M | 200M | 5 P | 380 N | 2 MA | AlG | TF | BC 309 | 2N6003 | 0 |
| BC416 | PS | $\times 10$ | 120 | 50 V | 45 v | 5 V | locna | 150C | 300 Mh | 200＊ | 5 P | 1204 N | 2MA | ALN | SFU | BC 309 | 2N6CO3 | 0 |
| BC41ta | PS | $\times 10$ | LこC | 5 CV | 45 V | 5 V | locma | 1500 | 30 cNhF | 200～ | 5 P | 120 NN | 2NA | ALG | IFK | BC 307 | 2N6015 | 0 |
| BC．416E | －S | $\times 10$ | L20 | 50 V | 45 v | 5 V | 100NA | 15CC | 30 CMWF | 200 N | 5 F | 180 mN | 2 MA | ALG | TFK | BC307 | 2N6015 | 0 |
| $3 C 4166$ | PS | $\times 10$ | L20 | 50 V | 45 V | 5 V | locna | 150 C | 300 NWF | 200M | 5 P | 380 MA | 2 MA | ALN | IFK | BC309 | 2N6003 | 0 |
| － $\mathrm{Cl}_{417}$ | PS | 10106 | L17 | 50 V | 45 V | 5 V | 100MA | 1256 | 250N | 75 M | 9 p | 72M | 2 MA | ALG | VAL | BC 204 | 2N4249 | 0 |
| 8C418 | PS | T01C6 | L17 | 30 V | 25 V | 5 V | 100 NA | 1256 | 250 Mm | 75 N | 9 p | 75 NA | 2MA | AlG | VAL | BC 204 | 2N4249 | 0 |
| BC418A | PS | TCl0t | 417 | 3 Cv | 25 V | 5 V | 100 ma | 125C | 25 CNmF | 75N | 9 F | 125 mN | 2MA | alc | VAL | BC204 | 2N4249 | 0 |
| BC4188 | PS | 10106 | L17 | 30 V | 25 V | 5 V | 100NA | 125 C | 250 MWF | 75M | 9 P | 240 MN | 2 NA | ALN | VAL | BC 206 | N4250 | 0 |
| BC419 | PS | 10106 | 117 | 25 V | 20 V | 5 V | 100～A | 1250 | 250MWF | 75M | 9 P | 125 MN | 2 MA | ALG | VAL | BC 204 | 2N4249 | 0 |
| BC419A | PS | TO1CE | L17 | 25 V | 20 V | 5 V | 100 ma | 1256 | 250 MaF | $75 M$ | 9 p | 125 MN | 2 NA | ALG | VAL | BC204 | 2N4249 | 0 |
| EC419 | PS | Tolce | 117 | 25 V | 20 V | 5 V | 100ma | 1250 | 250 mmF | $75 N$ | 9 P | 240 NN | 2NA | $\triangle 1 N$ | VAL | BC 206 | 2N4250 | 0 |
| BC42C | PS | T018 | LCl | 150 V | 15 cv |  | locma | 175C | 40 CMWF | 75＊ | 8 P | 70 mN | 2NA | ALE | SG I |  | N4 357 | 0 |
| BC429 | NS | T0126 | L69 | 45 V | 45 v | 5 V | 14 | 1506 | 6 WC | 100 M | 1 CP | 50／150 | 15 CMA | ANG | TIP | BD 169 | N4923 | 0 |
| BC429A | AS | T0126 | 169 | 60 V | tov | 5 V | 14 | 150C | 6 WC | 100 N | 10 P | 50／160 | 150 MA | ANH | TIE | 80169 | 2N4923 | 0 |
| ec4．30 | PS | $1012 \epsilon$ | 169 | 45 V | $45 v$ | 5 V | 14 | 1506 | 6WC | 100N | 1 CP | 5c／160 | 150MA | AMG | Ti | 80140 | 2N4920 |  |
| B64304 | PS | TC12E | $L \in 9$ | 60 V | 6 CV | 5 V | 14 | 150C | 6 WC | 100＊ | 10P | 50／160 | 150 Na | AMH | tie | 80140 | 2N4920 | 0 |
| BC431 | AS | $\times 10$ | L20 |  | ECV |  | 500 NA |  | 5 MWF | 1 com |  | 63／240 | ICCNA | AME | tfk |  |  |  |
| BC 432 | PS | $\times 10$ | L2C |  | 60 V |  | 50 CMA |  | 625 MWF | 100M |  | 63／240 | 100 NA | ANG | TFK |  |  | 0 |
| BC440 | NS | 1039 | LC4 | 50 V | 40 V | $5 v$ | 2 A | 2000 | 1 hF | 50 N | $20^{\circ}$ | 40 NN | 500 Na | ANG | AII | BFYS 1 | 2N2297 | 0 |
| BC441 | AS | 1035 | LC4 | 75 V | 60 | 5 V | 2 | 200C | 1 hF | jom | 20 P | 40／250 | $5 \operatorname{coma~}$ | AMG | ATI | BSS42 | 2N5320 | 0 |
| EC460 | PS | 1039 | LC4 | 50 V | 40 V | 5 V | 2 A | 200 C | 1WF | 50 M |  | $40 / 250$ | 5 COMA | AMG | ATI | BSS18 | 2N5323 | 0 |
| EC461 | pS | T035 | LC4 | 75 V | tov | 5 v | 2 A | 2000 | IWF | 50 m |  | 40／250 | 500 ma | ANH | Ati |  | N4929 | 0 |
| 8 C 477 | PS | 1018 | 101 | 9 CV | 80 V | 6 V | 150 MA | 2006 | 360 NWF | 100 N | 6 P | 50 MN | 2 MA | AL G | SGI | BC285 | 2N1990R | 0 |
| BC478 | PS | TC18 | LCI | 4 CV | 40 V | 6 V | 150 mA | 200C | 360 NWF | 100＊ | 6 P | 110 mN | 2MA | ALA | SGI | BCY71 | 2N3965 | 0 |
| EC479 | PS | 1018 | LCl | 40 V | 40 V | 6v | 1 万ONA | 20CC | 360 MWF | 103N | 6P | 200 mN | 2 MA | ALA | SGI | BCY71 | 2N3965 | 0 |
| BC512 | PS | $\times 10$ | L20 | 50 V | 45 v | 5 V | 200na | 150C | 300 mwF | 200 M | 10 P | 60 MN | 2va | ALC | TIW | 8C307 | 2N6015 | 0 |
| EC512A | PS | $\times 10$ | Lく0 | 50 V | 45 V | $5 v$ | 200NA | 15cc | 300 MhF | 200N | 10 F | loonn | 2NA | ALG | T14 | BC 307 | 2N6015 |  |
| BC5128 | PS | $\times 10$ | L2C | 50 V | 45 V | 5 V | 200MA | 1500 | 30 cmiF | 200N | 10 P | 200mN | 2 MA | ALA | If | BC3．9 | 2N6003 | 0 |
| 8 C 513 | PS | $\times 10$ | L2C | 30 V | 25 V | 5 V | 20 cma | 15CC | 30 CNhF | 200N | 10 P | 80 NN | 2MA | ALG | TIW | BC307 | 2N6015 | 0 |
| BC513A | ps | $\times 10$ | L20 | 30 V | 2.5 V | 5 V | 200NA | 15CC | 30 CMWF | 200 M | 10P | 100 mN | 2 MA | ALG | IIW | BC 307 | 2N6015 | 0 |
| BC513E | PS | $\times 10$ | 120 | 30 V | 25 V | 5 V | 200NA | 150 C | 300 MWF | 200M | 10p | 200 ma | 2MA | Al A | IIn | BC309 | 2N6003 | 0 |
| 8C513C | PS | $\times 10$ | Lic | 3 CV | 25 V | 5 V | 200 ma | 15 CC | 30 cNmF | 200 N | 10 F | 350 MN | 2MA | ALN | IIW | BC 309 | 2N6003 | 0 |
| BC514 | PS | $\times 10$ | L＜0 | 30 V | 25 V | 5 V | 200 MA | 150 C | 300 MWF | 200 N | 10 P | 140 MN | 2MA | ALG | T1／ | BC307 | 2N6015 | 0 |
| BC514A | PS | $\times 10$ | L20 | 3 CV | 20 V | 5 V | 200NA | 150C | 30 CNWF | 2 COM | $10^{\circ}$ | 100 MN | 2 MA | ALG | IIW | 8C307 | 2N6015 | 0 |
| BC514E | PS | $\times 10$ | 120 | 30 V | 20 V | 5 V | 200mA | 1506 | 300 MWF | 290 M | 10 P | 2004N | 2 MA | ALN | TIW | BC 309 | 2N6003 | 0 |
| BC514C | PS | $\times 10$ | L20 | 30 V | 20 V | 5 V | 200ma | 1506 | 300 MnF | 200 N | 10 P | 350 MN | 2NA | AlN | If | BC 309 | 2N6003 | 0 |
| eC547 | NS | $\times 10$ | L 2 C | 5 CV | 45 v |  | 200 MA | 1500 | 30 CNhF | 150 N |  | 110 NN | 2NA | AMG | NLP | BC338 | 2N5818 | 0 |
| BC548 | NS | $\times 10$ | L20 | 30 V | 20 V |  | 200NA | 150C | 30 CMWF | 150 N |  | 110 MN | 2 MA | ang | mue | BC 338 | 2N5818 | 0 |
| BC549 | AS | $\times 10$ | L20 | 30 V | 20 V |  | 20CNA | 150 C | 300 MWF | 150 M |  | 200mn | 2 NA | AMG | MUB | 8C338 | 2N5818 | 0 |
| BC557 | PS | $\times 10$ | L2C | 50 V | 45 v |  | 200 MA | 1506 | 300 NWF | 75 M |  | 75 NN | 2 Ma | ALC | MLB | BC 307 | 2N6015 | 0 |
| BC558 | PS | $\times 10$ | L20 | OV | 25 v |  | 20 cma | 1506 | 30 cmmF | 5 N |  | 75 MN | 2 ma | AlG | mue | BC 307 | 2N6015 | 0 |
| 8C55 5 | PS | $\times 10$ | L2C | 30 V | 25 v |  | 200mA | 150C | 30 CNWF | 75M |  | 125 MN | 2 MA | ALE | nub | BC309 | 2N6003 | 0 |
| BC5924 | NS | $\times 10$ | 120 | 50 V | 45 V | 6 V | 200 mA | 150 C | 300 MWF | 150 M | 5 P | 100 MN | 2 Ma | ALG | TIW | BC 237 | 2N5825 | 0 |
| BC5828 | As | $\times 10$ | L2C | 50 V | 45 V | 6 V | 200Na | 150C | 300 MWF | 150 M | 5 P | 240 MN | 2MA | ALN | TIn | BC239 | 2N5827 | 0 |
| $8 C 5838$ BC 583 B | As | $\times 10$ | L2C | 30 V | 20 V | 5 V | 200ma | 150 C | 300 MWF | 150 N | 5 P | 100 mN | 2MA | al G | TIn | BC237 | 2N5825 | 0 |


| TRANSISTOR NUMBER | $\left\|\begin{array}{c} \mathbf{P M} \\ \mathbf{O A} \\ \mathbf{L T} \end{array}\right\|$ | PACK- | $\begin{array}{\|l\|} \hline \text { LEAD } \\ \text { INFO } \end{array}$ | $\begin{aligned} & \text { VCB } \\ & \text { MAX } \end{aligned}$ | VCE MAX | $\begin{aligned} & \text { VEB } \\ & \text { MAX } \end{aligned}$ | $\underset{\text { MAX }}{\mathbf{I}}$ | $\underset{\text { MAX }}{\mathbf{T}}$ | тот | $\begin{array}{ll} F_{T} & C_{0 B} \\ \text { MIN } & \text { MAX } \end{array}$ | $\mathbf{H}_{\mathrm{FE}}$ | $\underset{\text { BIAS }}{\mathbf{H}^{(2)}}$ | USE | MFR | $\begin{aligned} & \text { EURO } \\ & \text { EQVT. } \end{aligned}$ | $\begin{aligned} & \text { USA } \\ & \text { EQVT. } \end{aligned}$ | ISS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| BC583C | AS | $\times 10$ | 12 C | 30 |  | 5 V | 200MA | 1500 | 30 | 150M 5P | 450 MA | 2 MA | ALN | TIW | 8C 239 | 2N5827 | 0 |
| BC584E | NS | $\times 10$ | 120 | 30 V | 20 V | 5 V | 20 | 150 C | 300 | 150 N 5 P | 250 M | 2NA | Aln | TIn | BC 239 | N5827 | 0 |
| BC584C | AS | $\times 10$ | 12 C | 30 V | 20 V | 5 V | 200 | 150C | 300 | 150N 5P | 450 MN | 2 Ma | al N | h | BC309 | 5827 | 0 |
| EChIC | NS | $\times 11$ | L23 | 25 V | 25 V | 5 V | 500 mA | 125C | 300 m | 150N $12^{\circ}$ | 50／300 | 10 MA | AMG | FEB | BC38 7 | 2N4401 | 0 |
| BCW11 | PS | $\times 11$ | L23 | 25 V | 25 V | 5 v | 500 MA | 125 C | 30 CMWF | 150M 6P | 50／300 | 10 MA | AMG | FEB | 8C 387 | 2N4401 | 0 |
| BCW12 | AS | $\times 11$ | 123 | 35 V | 35 V | 5 V | 500MA | 125 | 300 NWF | 150M 12P | 50／300 | A | ANG | FEB | BC387 | 401 | 0 |
| BCW13 | PS | $\times 11$ | 123 | 35 V | 35 V | 5 V | 500 ma | $125 C$ | 300 N | 150 N 6 P | 50／300 | 10 MA | AMG | FEB | BC 387 | N4401 | 0 |
| BCW14 | NS | $\times 11$ | L23 | 35 V | 35 V | 5 V | 50 | 125 C | 30 cm | 150 N 12P | 100 mN | OMA | AMG | FER | BC33 | N4401 | 0 |
| BCW15 | PS | $\times 11$ | L23 | 35 V | 35 v | 5 V | 500 ma | 125C | 30 CNF | 150 M 6P | 100 mN | 1 OMA | AMG | FEB | BC387 | 2N4401 | 0 |
| BCh16 | NS | $\times 11$ | L23 | 4 EV | 45 v | 5 V | 500ma | 125 C | 300MWF | 150 M 12 P | 50／300 | 10 ma | $\triangle N G$ | FFE | BC 387 | 2N4401 | 0 |
| BCW17 | PS | $\times 11$ |  | 45 V | 45 v | 5 V | 500MA | 12 | 300 NWF | 150N 6P | 50／300 | 10MA | AMG | FEB | BC387 | 4401 | 0 |
| ECh18 | NS | $\times 11$ | L23 | 70 V | 70 V | 5 V | 500ma | 125 C | 300 N | 150 N 12 P | 50／300 | cm | AMH | FEB | BC387 | 2N4401 | 0 |
| BCh19 | PS | $\times 11$ | L23 | 70 V | 70 V | 5 v | 50 | 125 C | 30 cm | 150 N 6 P | 50／300 | 1 CmA | $\Delta^{\text {anh }}$ | FER | 85×21 | 2N19908 | 0 |
| BCw20 | As | $\times 11$ | L23 | 30 V | OV | 5 v | 50 | 125 C | 300 Mm | 30 M 8P | 100 mN | 100 Ua | ALN | FEB | BC349C | 2N3904 | 0 |
| BCW 22 | AS | $\times 11$ | L23 | 45 V | 45 v | 5 V | 500 m | 1256 | 300 NWF | 30 M PP | 40／120 | 10UA | AlA | FEB | BC 34 9C | 2N3904 | 0 |
| BC | PS | $\times 1$ | L23 | 3 CV | 30 V | 5 | 50 | 125 | 300 NWF | 30 M 8 P | 100 M | 1 COUA | ALA | FEE | BC309 | 2N6003 | 0 |
| BCh2 | PS | $\times 11$ | 123 | 45 V | $45 v$ | 5 V | 500mA | 1250 | 30 CNHF | $30 \mathrm{M} \mathrm{8P}$ | 40／120 | 1coua | aln | FFB | BC309 | 2N6003 | 0 |
| BCW24 | NS | 1018 | 101 | 45 V | 45 V | 5 V | 30 N | 175C | 300MWF | 30 M 8 P | 150 MN | 1 MA | ALA | ITB | BC139 | 2N930 | 0 |
| BCW25／2 | NS |  |  |  |  |  |  |  |  |  |  |  | dua | TIR |  |  | 0 |
| 8CW29 | PS | $\times 12$ | 129 | 30 V | 20 V | 5 V | 200MA | 1250 | 150 MHF | N | 120 mN | 2MA | ALG | MUR | HFS 37 | M IL | 0 |
| －Ch29R | PS | $\times 1$ | L | 30 V | 20 | 5 V | 200NA | 125 | 15 | 75N 7P | 12 | A | ALG | MUE | BFS37 | NIL | 0 |
| BCW3C | PS | $\times 12$ | L29 | 30 V | 20 V | 5 V | 200 N | 12.5 C | 150 | 75M 7P | 215 | MA | ALG | MUB | BFS37 | NIL | 0 |
| BCw30R | PS | $\times 12$ | 127 | 30 V | 20 V | 5 V | 200 ma | 125 C | 150 | 75M 7P | 215 | 2MA | ALE | MUS | BF S37 | NIL | 0 |
| BCW31 | NS | ＋12 | L $\overline{\text { c }}$ | 30 V | 20 V | 5 V | 50 | 1250 | 150 MWF | 150 N | 11 | 2 MA | ALG | MUE | BFS 36 | MIL | 0 |
| BCW31R | NS | $\times 12$ | Lく7 | 30 V | 20 v | 5 V | 50 | 125 C | 150 N | 150 N 4 P | 10 | 2 Ma | ALG | MUB | BFS 36 | NIL | 0 |
| BCW 32 | NS | $\times 12$ | L29 | 30 V | 2 CV | 5 V | 50NA | 1250 | 150 MwF | 150 M 4 P | 200 N | na | ALG | mue | BFS 36 | NIL | 0 |
| BCW32R | AS | $\times 12$ | 127 | 30 V | 20 V | 5 v | 50NA | 1250 | 150 MWF | 150M 4P | 200 m | Na | ALC | MUB | 8F536 | NIL | 0 |
| 9Cw 33 | As | $\times 12$ | L29 | V | 20 V | 5 V | 50 MA | $125 C$ | 150 | 15JM 4P | 420 M | MA | ALA | MUS | BFS36 | NIL | 0 |
| ECn33R | NS | $\times 12$ | L27 | 3 CV | 20 V | 5 V | 50 | 125 C | 15 C | 150 N 4 P | 420 | 2NA | ALN | MUR | BFS | NI | 0 |
| BCW34 | NS | 1018 | LO1 | 60 V | 45 V | 5 V | G00NA | 175 C | 36 cmWF | 150N 6P | 100N | 1 cma | AMG | 1 I | 3FX75 | N2 | 0 |
| BCH35 | pS | IC18 | LCl | 50 V | 45 v | 5 V | G00MA | 1750 | 360 MWF | 150 M 6 P | 100 mN | 10 ma | ANC | IIE | BSW24 | N2907A | 0 |
| BCW36 | AS | T092 | しく1 | 60 V | 45 V | 5 V | gCona | 1750 | 300 MWF | 150 N 6 P | 100 N | 10 MA | an | 1 I | BF $\times 9$ | N2？22A | 0 |
| BCW 37 | PS | 1092 | 121 | 60 V | 45 V | 5 V | S00ma | 175 C | 300 | 150N SP | 100 M | OM | AMG | TIR | BSW | N2907A | 0 |
| BCh44 | NS | 105 | 104 | 70 V | 55 | 5 V | 1 A | 2006 | 80 C | 40 N 19 P | 40 | 10ma | $A^{M} G$ | SGI | BFX85 | 2N1893 | 0 |
| BCW45 | NS | T05 | 204 | 70 V | 55 V | 5 V | 14 | 2000 | 800 MnF | 40 M 18 P | 40 NN | loma | ang | SGI | 3FXB ${ }^{\text {S }}$ | 2N189 | 0 |
| BCW50 | As | 1018 | LCl | 120 V | 120 V | 5 V | 100 mA | 2000 | 500 MWF | 50 M 5 P | 18 Mn | 3 MA | ALS | SGI | BC 285 | 2N1990R | 0 |
| BChsy | PS | $\times 12$ | L2c | 50 V | 45 V | 5 V | 200MA | 125 C | 150 MWF | 75 N 7 P | 120 N | 2NA | ALG | NUE | BFS 37 | NIL | 0 |
| BCW698 | PS | $\times 12$ | L27 | 50 V | 45 v | 5 V | 200～A | 125 C | 15 C | \％ 7 P | 120 N | 2MA | AlG | MU | BFS 37 | NiL | 0 |
| BCw70 | PS | $\times 12$ | 129 | 50 V | $45 v$ | 5 V | 200Ma | 1250 | 150 | 75M 7P | 215 | 2 MA | LG | NUS | BFS 37 | NIL | 0 |
| BCW7CR | PS | $\times 12$ | L27 | 50 V | 45 V | 5 V | 200mA | 125 C | 150MWF | 75M 78 | 215 mN | 2 M | ALE | NUR | BF 537 | NiL | 0 |
| BCW71 | As | $\times 12$ | L29 | 50 V | $45 v$ | 5 V | OMA | 1256 | 150 NWF | 150 N 4 P | 110 M | 2 Ma | ALG | MLB | BFS 36 | NIL | c |
| BCW71R | NS | $\times 12$ | Lく7 | sov | 4 | 5 V | 50MA | 1250 | 15 CNWF | 150 N 4 P | 110 N | 2 MA | ALG | MUP | BFS36 | NIL | 0 |
| BCh 72 | NS | $\times 12$ | 129 | 50 V | 45 | 5 V | OMA | 125C | 150 MWF | 150 N 4 P | 2004N | 2 Na | ALG | MUP | BFS 36 | IL | 0 |
| BCW72R | ns | $\times 12$ | L27 | 50 V | 45 V | 5 v | 50～A | 125 C | 150 | 150M 4P | 200M | 2MA | AL G | mub | BFS36 | NIL | 0 |
| 8Ch73 | ns | 1018 | LCI | 32 V | 32 V | 5 V | 800MA | 200C | 450 NWF | 100M 12P | 100 mN | 100 Na | AN | SIO | BFX95 | N2222A | 0 |
| BCW73／16 | As | 1018 | LC1 | 32 V | 32 V | 5 V | 800～A | 2006 | 450 NWF | 100 N 12 P | 10nm | 1 CONA | AMG | SID | BFX95 | N2222A | 0 |
| BCh13／25 | NS | 1018 | LOL | 32 V | 32 V | 5 V | 800ma | 200C | 45 CNWF | 100 12 P | 160 MN | 100 MA | AMG | SID | BFX95 | 2N2222A | 0 |
| BCW73／40 | NS | 1018 | LCI | 32 V | 32 V | 5 v | goona | 2000 | 45 CMWF | 100M 12 P | 250 mN | 1 CONA | Ang | SID | BFX 95 | 2N2222A | 0 |
| BCW74 | ns | T018 | LCI | 45 V | 45 V | 5 v | 800Na | 2006 | 450 MWF | 100N 12 P | 100Mn | 1 COMA | ama | SID | BFx95 | 2N2222A | 0 |
| 8CW74／16 | AS | 1018 | LOL | 45 V | 45 V | 5 V | g00ma | 200c | 450 NWF | 103M 12P | 100 mN | tooma | AMG | SIJ | BFX95 | 2N2222A | 0 |
| ECW74／25 | NS | 1018 | LCl | 45 V | 45 v | 5 v | 800 | 2000 | 450 MmF | 100N 12P | 160 N | I coma | AMG | SIt | 8F×95 | 2N2222A | 0 |
| BCW74／4C | As | TC18 | LC1 | 45 V | 45 V | 5 V | 800 N | 200 C | 45 CNWF | 100M 12 P | 250 MN | 1 COMA | AMG | 510 | BFx95 | 2N2222A | 0 |
| PCW15 | ps | T018 | LC1 | 32 V | 32 V | 5 V | booma | 2006 | 450 | 100M 18 P | 63 M | 100 Ma | ang | 510 | BSW24 | 2N29074 | 0 |
| BCW75／10 | PS | T018 | LCI | 32 V | 32 V | 5 v | 80CNA | 2006 | 450 mmF | 100 N 18 P | 63 NN | 100 N | ANG | SIL | BSW24 | N2907A | 0 |
| BCW75／16 | Ps | T018 | LCI | 32 V | 32 V | 5 V | scoma | 2006 | 450 MWF | 100N 18p | 100 mN | 100 ma | AMG | SID | BSW24 | N2907A | 0 |
| BCh75／2 | Ps | 1018 | LCl | 32 V | 32 V | sv | 80 | 200 C | 45 CMhF | 100M 19 P | 160Nn | 1 COMA | ANG | SIC | BSW24 | 2N2907A | 0 |
| 3 CW 76 | PS | T018 | LCl | 45 v | 45 V | 5 V | 800NA | 2 COC | 450 MWF | 100 18P | 63 MN | 1 CCMA | AMG | SID | 8SW24 | 2N2907A | 0 |
| BCW70／10 | pS | 1018 | LC1 | 45 V | 45 V | 5 V | 800MA | 200C | 450 NWF | 100M 18 P | 63 MN | 100 ma | ANG | SID | BSW24 | 2N2907A | 0 |
| ECW76／16 | PS | T018 | 101 | 45 V | 45 V | 5 V | 800 ma | 200 C | 45 CMWF | 100N 18 P | 100 mN | 100 Na | ang | S 10 | BSW24 | 2N2907A | 0 |
| ECW76／25 | PS | T018 | L01 | 45 V | 45 V | 5 V | 800 ma | 2000 | 450 MWF | 100N 18P | 160 mN | 1 coma | AMg | SID | BSW24 | 2N2907A | 0 |
| 3Ch77 | NS | 1039 | 104 | 32 V | 32 V | 5 V | 800NA | 2000 | 800 MWF | 100M 12 P | lonme | 1 cona | ANE | SIO | BFY51 | 2N2297 | － |
| BCW77／1t | AS | T03s | LC4 | 32 V | 32 V | 5 V | booma | 20nc | 800 MWF | 100M 12P | 160 mN | 100 Na | ANG | SID | BFY51 | 2N2297 | 0 |
| 3C677／25 | as | 1039 | L04 | 32 V | 32 V | 5 V | gooma | 2006 | goomwf | 100N 12 P | 250 MN | 100 MA | AmG | SID | BFY5 1 | 2N2297 | 0 |
| BCh78 | NS | t03s | 104 | 45 v | 45 V | 5 V | 200ma | 2006 | 800 NmF | 100N 12 P | 100 NN | 100ma | AMG | S10 | BFYS 1 | 2N2297 | 0 |
| BCW78／16 | $N \leq$ | 1039 | L04 | 45 V | 45 V | 5 v | 800ma | 200 C | 80 CMWF | 100 12 P | 100 NN | l Coma | AM | SID | BFY52 | 97 | 0 |
| BCW78／25 | NS | 1039 | LC4 | 45 V | 45 V | 5 V | 800MA | 200 C | 800 MWF | 100M 12 L | 160 mN | 100 ma | ANG | 510 | bFyso | 2N2291 | 0 |
| BCW78／40 | NS | 1039 | 104 | 45 V | 45 V | 5 V | 800ma | 2006 | 800 MmF | 100N 12 P | 250 mN | 100 ma | $\triangle M G$ | SID | BFYS 1 | 2N2297 | 0 |
| BCW79 | PS | 1039 | 104 | 32 V | 32 V | 5 V | 8coma | 200 C | 800 MWF | 100N 19P | 63 MN | 100 ma | AMG | SII | 9FS95 | 2N4036 | 0 |
| SCh79／10 | PS | 1039 | $1 \mathrm{LCH}_{4}$ | 32 V | 32 V | 5 V | 800ma | 2006 | 80 CNWF | 100 18 P | 63 MN | 1 CCMA | AMG | SID | BFS95 | 2N4036 | 0 |
| BCW79／16 | ps | 1039 | 104 | 32 V | 32 V | 5 V | 800 ma | 2000 | BOCMWF | 100M 18P | 100 mN | 1 cona | AM | S10 | BFS 75 | 2N4036 | $\bigcirc$ |
| BCW19125 | PS | 1039 | 104 | 32 V | 32 V | 5 V | 800MA | 2006 | 800 NWF | 100M 18P | 160 MN | 100 ma | AMG | SID | BF S95 | 2N4036 | 0 |
| ECh80 | PS | 1039 | LC4 | 45 V | 45 v | 5 V | cooma | 2006 | 800 NmF | 100N 18 P | 63 NN | 100 NA | ANG | SIC | BFS95 | 2N4036 | 0 |
| ECnB0／10 | PS | 1039 | L04 | 45 V | 45 v | 5 V | 800 ma | $200 C$ | 800 MWF | 100 18 P | $63^{\mathrm{NN}}$ | 1 Coma | AMG | SIO | BFS 95 | 2N4036 | 0 |
| BCW8C／16 | PS | 1039 | LC4 | 45 V | 45 v | 5 V | bocma | 2 COC | 800 NWF | $100 \mathrm{M} \mathrm{18P}$ | 100 mN | 1 cona | $A^{M M}$ | SID | BFS95 | 2N4036 | 0 |
| BCw8C／25 | PS | T039 | LC4 | 45 V | 45 v | 5 V | 800 ma | 2006 | 800 MWF | 100 M 18 P | 160 mN | 100ma | ANG | SID | BF 595 | 2N4036 | 0 |
| BCW35 | PS | $\times 10$ | L20 | 90 V | 60 V | 6 V | 200MA | 1500 | 300 NWF | 200～ 10 P | 150 MN | 2 Ma | ALG | TIW | BC 307 | 2N6015 | 0 |
| BCh86 | PS | $\times 10$ | L2C | 7 cv | 60 V | 6 V | 200 ma | 1500 | 30 CNFF | 200N 10 P | 150 mN | 2 MA | ALG | IIW | BC307 | 2N6015 | 0 |
| BCh904 | NS | $\times 10$ | L20 | 50 V | 40 V | 5 V | 800 ${ }^{\text {a }}$ | 150C | 610 MmF | 60 M 15 P | 100 mN | 150 MA | ANG | SEU | BC 338 | 2N5818 | 0 |
| BCW908 | ns | ¢ $\times 10$ $\times 10$ | 120 | 50 V | 40 V | 5 V | 8iuna | 150C | 610 MWF | 60 M 150 | 150 MN | 150 MA | AMG | SEU | BC 338 BC 338 | 2N5818 2N5818 | 0 |


| TRANSISTOR NUMBER | $\begin{gathered} \text { PM } \\ \mathbf{O A} \\ \text { LT } \end{gathered}$ | PACK- | $\begin{aligned} & \text { LEAD } \\ & \text { INFO } \end{aligned}$ | $\begin{aligned} & \text { VCB } \\ & \text { MAX } \end{aligned}$ | VCE MAX | $\begin{aligned} & \text { VEB } \\ & \text { MAX } \end{aligned}$ | ${ }_{\operatorname{MAX}}^{\mathbf{C}}$ | $\underset{\text { MAX }}{\mathbf{T}}$ | TOT | $\left\lvert\, \begin{array}{ll} F & C_{0} \\ \text { MIN } & \text { MAX } \end{array}\right.$ | $H_{F E}$ | $\begin{gathered} \mathrm{H}_{\mathrm{FE}} \\ \mathrm{BIAS} \end{gathered}$ | USE | MFR | $\begin{aligned} & \text { EURO } \\ & \text { cUNVT } \end{aligned}$ | USA EQVT. | ISS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| BCW90KA | NS | $\times 10 \mathrm{H}$ | 120 | 50 V | 40 | 5 V | 800 ma | 150C | 800 | 60M 15P | 100 mN | 15 cma | AMG | SEU | BFY50 | 2N2297 | 0 |
| BCW90KB | NS | $\times 10 \mathrm{H}$ | 120 | 50 V | 40 V | 5 V | 800 MA | $150 C$ | 800 M | $60 \mathrm{M} \mathrm{15P}$ | 150 MN | 150 MA | AMC | SEU | BFY50 | 2N2297 | 0 |
| BCW90KC | NS | $\times 104$ | Lig | 50 V | 40 V | 5 V | 800 mA | $150 C$ | 800 m | 60 N 15 P | 200 MN | 150 MA | AMG | SEY | BFY50 | 2N2297 | 0 |
| BCW91A | NS | $\times 10$ | 120 | 70 V | 60 | 5 V | 800 MA | 150 C | 610 MWF | G0N 15P | 100 MN | 150 MA | $\triangle M G$ | SEU | BC338 | 2N5818 | 0 |
| BCW918 | NS | $\times 10$ | 120 | 70 V | 601 | 5 V | 800 MA | 150 C | 610 MWF | $60 \mathrm{M} \mathrm{15P}$ | 150 MN | 150 MA A | AMG | SEU | 8C33E | 2N5818 | 0 |
| BCW91KA | NS | X 10 H | 120 | 70 V | 60. | 5 V | 800 M | 150c | 800 MWH | $60 \mathrm{M} \mathrm{15P}$ | 100MN | 150 MA | ANG | SEC | 8FY5C | 2N2297 | 0 |
| 8CW91K8 | AS | $\times 1 \mathrm{OH}$ | 120 | 70 V | 604 | 5 V | 800 ma | 150 C | 800 | 60\％15P | 150 mN | 150 MA | AMO | SEU | BFY50 | 2N2297 | 0 |
| BCh92A | PS | $\times 10$ | L20 | 50 V | 40. | 5 V | 80 cma | 150 C | 610 N | 135 N 20 P | 100 mN | 150 MA | $A^{\prime} \mathrm{M}$ | SEU | BC 328 | 2N5819 | 0 |
| BCh928 | PS | $\times 10$ | L20 | 50 V | 40. | 5 V | 800 NA | 150C | 610 M | 135 N 20 P | 150 MN | 150MA | AM | SEU | BC328 | 2N5819 | 0 |
| BCW92KA | PS | $\times 10 \mathrm{H}$ | 120 | 50 V | 40. | 5 V | 800 NA | 150C | 800 M | 135 M 20 P | 100mN | 15 cma | AMC | SEU | 8FS95 | 2N4036 | 0 |
|  | PS | $\times 10 \mathrm{H}$ | Lく口 | 50 V | $40 y$ | 5 V | 80 | 150 C | 610 MkH | 135N 20 － | 150 MN | 150 MA |  | SEU | BFS95 | N4036 | 0 |
| BCW9 3A | PS | $\times 10$ | 120 | 70 V | 604 | 5 V | 800 MA | $150 C$ | 610 | 135N 20 P | 100 mN | 150 MA | AMC | SEU | 8C327 | 2N5819 | 0 |
| ECh93B | PS | $\times 10$ | 120 | 70 V | 60. | 5 V | 800 MA | 150C | 610 | 135 N 20 P | 150 NN | 150MA | AM | SEU | BC327 | 2N5819 | 0 |
| BCh93 KA | Ps | $\times 10 \mathrm{H}$ | 120 | 70 V | $60 y$ | 5 V | 800 mA | 150 C | 800 | $135 M 20 \mathrm{P}$ | 100 mN | 150 MA | A | SEU | BFS95 | 2N4036 | 0 |
| BCW93KB | PS | $\times 10 \mathrm{H}$ | L20 | 70 V | 60. | 5 V | 800 NA | 150C | 800 M | 135M 20P | 200Mn | 150 MA | AM | SEL | BFS95 | 2N4036 | 0 |
| BC | NS | $\times 10$ | d | 50 V | $40 y$ | 5 V | 40 cma | 150C | 54 CNnF | 40N 80 | 100 N | 50 MA |  | SEU | BC 337 | N5818 | 0 |
| BCW94B | NS | ＋10 | L20 | 50 V | 40 V | 5 v | 400 | 150C | 540 | 40 NrP | 150 M | MA | AMG | SEU | BC337 | 2N5818 | 0 |
| 3Cn94C | $\wedge S$ | $\times 10$ | 120 | 50 V | $40 y$ | 5 v | 400 N | 150C |  | 40 M | 200 mN | CNA | am | SEU | BC337 | 2N5818 |  |
| BCh94 KA | $N S$ | $\times 10 \mathrm{H}$ | 120 | 50 V | 40 y | 5 V | 400 MA | 150 C | 70 | 40 M | 100 MN | 50 mA | AN | SEU | BFY50 | 2N2297 | 0 |
| ECh94kB | AS | $\times 10 \mathrm{H}$ | 120 | 50 V | 40. | 5 V | 40 CNA | 150 C | 700 | 40 M | 150 mN | 50 MA | ANG | SEU | BFY50 | 2N2297 | 0 |
| BCh94KC | NS | $\times 10$ |  | 50 V | y | 5 V | 400 mA | 150 | 70 CNHF | 0 N | ON | 150 NA |  | SEU | BFY50 | 2N2297 | 0 |
| 8CW95A | NS | $\times 10$ | L20 | V | $60 y$ | 5 V | 400 | 150C | 540 MmF | 40 N 9 P | 100 N | OMA | $\mathrm{AN}^{\text {N }}$ | SEU | BC 337 | 2N5818 | 0 |
| BCW958 | AS | $\times 10$ | L20 | 70 V | 60. | 5 V | 400 Na | 150C | 540 MWF | $140 \mathrm{M} \mathrm{8P}$ | 150 mN | CMA | AMG | SEL | BC338 | 2N5818 | 0 |
| BCW9 5KA | AS | $\times 10 \mathrm{H}$ | 120 | 70 V | 604 | 5 V | 400 MA | 150 C | 00 | $40 \mathrm{M} \mathrm{8P}$ | 100 mN | 50 MA | $A^{*} G$ | SE， | BFY50 | 2N2 297 | 0 |
| BChy 5 KB | NS | $\times 1 \mathrm{CH}$ | LzC | 70 V | 604 | 5 V | 400 MA | 150C | 70 C | 40 N | 150NN | 50 MA | $A^{\prime}$ | SEU | BFY50 | 2N2297 | 0 |
| EC | PS | $\times 10$ | 120 | 50 V | V | 5 V | 40 cma | 150 | 54 CNWF | 135 M 10 P | 100 mN | 5 CNA | amg | SEU | BC | 19 | 0 |
| BCh96 | P | $\times 10$ | 120 | V | 404 | 5 V | 400 | 150C | 54 | 135 M 10 P | 150 N | NA | ANG | SEU | BC 327 | 2N5819 | 0 |
| 8CW96 KA | PS | $\times 10 \mathrm{H}$ | 120 | OV | $40 y$ | 5 v | 400 | 150 C | 700 | 135 M 10 P | 100 m | 50 MA | ANG | SEU | BFS95 | 2N4036 | 0 |
| BCW96KB | PS | $\times 1 \mathrm{CH}$ | LくC | 50 V | $40 y$ | 5 V | 400 M | 150C | 700 MWH | 135 N 10 P | 150 M | 50 MA | AM | SEU | BFS95 | N4036 | － |
| BCh97A | PS | $\times 10$ | LzC | 70 V | 604 | 5 V | 400 m | 150C | 540 NmF | 135 N 10 P | 100 NN | Na | AMG | SEU | BC 327 | 819 | 0 |
| BC | PS | $\times 10$ | 120 | 70 V | O | 5 V | 40 CNA | 150 C | 540 MWF | $135 \mathrm{M} 10^{\circ}$ |  | Ma | AMC | SEU | EC327 | 2N5819 | 0 |
| BCW9 7KA | PS | $\times 10 \mathrm{H}$ | 120 | 70 V | $60 y$ | 5 V | 400 MA | 150 C | 700 MWH | 135M 10 P | 100 M | CMA | ANG | SEU | BFS95 | 2N4036 | 0 |
| 8 CW 97 KB | PS | $\times 1 \mathrm{Cr}$ | 20 | V | toy | 5 V | 400 NA | 150 C | 79 | 135 N 10P | 150 N | 50 MA | AMG | SEU | BFS95 | 2N4036 | 0 |
| $8 \mathrm{C} \times 21$ | AS | 105 | 104 | 60 V | V |  | 1 A | 150C | 3500 |  | 2000 mN | 150 MA | AMD | NUB |  |  | 0 |
| $8 \mathrm{C} \times 4 \mathrm{C}$ | NS | tc39 | LC4 | 100 V | ， | 5 V | 2 A | 200C | 1 hF | ON 25 P | 40 MN | $\cdots$ | AMG | ATI | X 8 | 2 N 1893 | 0 |
| BC×60 | PS | 1039 | LC4 | 1 cov | ， | 5 V | 2 A | 200C | 1wf | 50M 25P | 40 MN | 5 ComA | AMS | at I | EFS 93 | 2N4037 | 0 |
| BC | PS | $\times 02$ | L03 | 32 V |  | 12 V | MA | 150 C | 415 NWF | 1 M 50 P | 10 MN | 150 MA | Ala | MLB | BCY32 | 2N1475 | 0 |
| ec | PS | $\times 02$ | LC3 | 60 V | tov | 12 V | 250MA | $150 C$ | 415 | in 50 P | 10 M | 15 cma | Ala | MUE | BCY32 | 2N1475 | 0 |
| BCYi2 | OS | －02 | 03 | 32 V | $2{ }^{2}$ | 12 V | 250 MA | 150 C | 415 MWF | 1／ 50 P | 12 MN | 150 mA | ALA | MUS | BC．Y32 | 2N1475 | 0 |
| 8CY13 | AS | 105 | L04 | 60 V | 1 | 10 v | 20CMA | 165 C | 45 CNWF | 300k | 15 MN | $1 \mathrm{COMA}^{\text {d }}$ | amb | SID | ESWGE | 2N1893 | 0 |
| BC | NS | 105 | LC4 | 100 V | 100 y | 10 v | 200 M A | 1650 | 450 MmF | 300k | 15 MN | 100 MA | ANH | SIO | ESW66 | 2N1893 | 0 |
| BC | ns | 105 | L04 | 60 v | 60 V | 10V | 200mA | $165 C$ | 450 NWF | 300 k | 15 MN | 100 ma | AMH | SID | BSW66 | 2N1893 | 0 |
| BC | NS | 105 | 4 | 100 V | 100 y | 10 V | 20 | 165C | 4 | 300k | 15 | 10 cma | AMH | SID | 8SW66 | 2 N 1893 | 0 |
| BCY17 | PS | 105 | 04 | 30 V | 30 V | 30 V | ma | 165C | 200 MWF | 1N 45 P | 20 | 1 MA | ALG | SID | BFS95 | 2N4036 | 0 |
| BCY18 | PS | 105 | LC4 | 30 V | 30 V | 30 V | 50 | 165 C | 200minf | 2M 45P | 40 MN | ima | ALG | SIn | BFS95 | 2N4036 | ， |
| EG | PS | 105 | 104 | 50 V | 50 V | 50 V | 50 MA | 185 C | 200 | 600 V 45 P | 20 NN | 1 Na | ALG | SID | BCY32 | N 1475 | 0 |
| BC | PS | 105 | L04 | 10 cV | 100 V | 99 V | 50 Na | 165 C | 200 | 400k 45 P | 10 N | 1 MA | ALH | SID | 8CY32 | 2N1475 | 0 |
| BC | PS | 105 | L04 | 50 V | 50 V | 30 V | 50 MA | 125C | 350 | 400k 45P | 19 MN | 1 CNA | ALG | TAG | BCY32 | 2N1475 | 0 |
| 8CY22 | PS | 105 | 04 | 75 V | 75 V | 40 V | 50 MA | 125c | 350 MWF | 400k 45 P | 19 mN | 1 OMA | ALH | TAG | 8SV68 | 2N 3497 | 0 |
| BCY23 | PS | 105 | 104 | 30 V | 10 V | 30 V | 50 ma | 1250 |  | 200k 45P | 33 MN | 10MA | ALG | tag | BCY32 | 2N1475 | 0 |
| BCY24 | PS | 105 | 104 | 30 V | 10 V | 30 V | 50 MA | 1250 | 35 CNWF | gook 45 P | 19 MN | ICNA | ALG | IAG | BCY32 | 2N1475 | 0 |
| 8 CY 25 | PS | 105 | L04 | 30 V | 10 V | 30 V | Ona | 125 C | 350 | 2N 45 P | 50 MN | 10 mA | ALG | TAG | BCY32 | 2N1475 | 0 |
| BC | PS | 105 | LC4 | 30 V | V | 30 V | NA | 125C | 350 | 500k 45P | 19 MN | 1 cma | AL G | tag | 8CY32 | 2N1475 | 0 |
| BCY27 | PS | 105 | 104 | 30 V | 25 V | 30 V | MMA | 1656 | 350 | 800k 45 P | 35 TP | 10 ma | ALG | TAG | BCY32 | 2N1475 | 0 |
| 8 CY 28 | PS | 105 | 104 | 30 V | 25 V | 30 V | 50 Na | 165C | 350 MmF | 1200K 45 P | 551 P | 10 ma | ALG | SIC | 8CY32 | 2N1475 | ， |
| ECY29 | PS | 105 | LC4 | $60 \cdot$ | 60 V | 30 V | 50 ma | 165C | 35 cmwF | 400k 45F | $251 p$ | 1 cma | ALG | SID | BCY32 | N1475 | 0 |
| BCY3C | PS | 105 | LC4 | 64 V | 50 V | 45 v | 100 ma | 150 C | 25 CMWF | 250k 60P | 10 MN | 20 ma | Ala | NUB | BCY32 | 2N1475 | 0 |
| ECY31 | PS | 105 | $1{ }^{1} 4$ | 64 V | 50 V | 45 V | locka | 150C | 250 MWF | 250k 60P | 15 MN | 20 MA | ALA | MUB | BC Y 32 | 2N1475 | 0 |
| BCY 32 | PS | 105 | 104 | 64 V | 64 V | 32 V | 100ma | 150C | 250 NWF | 250k 60P | 20m | 20 MA | Ala | MU3 | BCY32 | 2N1475 | 0 |
| BCY 32 | PS | 105 | 104 | 32 V | 25 v | 16 V | 100 ma | i50C | 25 CNWF | 250 K 60 P | 10 MN | 20 Ma | Ala | MUE | BCY32 | 2N1475 | － |
| $\mathrm{BCY}^{\text {c }} 34$ | PS | 105 | 104 | 32 V | 25 V | 16 V | 100 ma | 150 C | 250 NWF | 250k 60P | 15 MN | 2 CMA | ALA | NUB | BCY 32 | 2N1475 | 0 |
| 8 CY 38 | PS | 1039 | 104 | 32 V | 24 V | 12 V | 250 MA | 1500 | 410 MWF | 450 K 150 P | 10 MN | 150 ma | ALS | MUB | BCY32 | 2N1475 | 0 |
| 8CY39 | PS | 1039 | LC4 | 64 V | ECV | 12 v | 250NA | 150 C | 410 MhF | 450 K 150 P | 10 NN | 150 MA | ALS | MUE | BCY32 | 2N1475 | 0 |
| BCY40 | PS | 1039 | 104 | 32 V | 24 V | 12 V | 250 MA | $150 C$ | 410 MWF | 850K150P | 15 MN | 150 MA | ALS | MUB | BCY32 | 2N1475 | 0 |
| ecr42 | NS | T018 | LCl | 40 V | 25 v | 5 V | 200 ma | 180 C | 30 cmhF | 100N 7F | 45 MN | $1 \mathrm{CNA}^{\text {a }}$ | ALG | FEE | BC107 | 2N929 | 0 |
| BCY43 | NS | 1018 | LCl | 40 V | 25 v | 5 V | 200na | 175C | 300 MwF | 100M 7P | 75 MN | 1 CNA | ALG | FES | BC109 | 2N930 | 0 |
| 8 CY 49 | PS | 105 | 104 | 15 V | 15 V | 15 V | 20 MA | 150 C | 250 MWF | 450K 60P | 25 MN | 1 MA | ALS | MUB | 8CY 32 | 2N1475 | 0 |
| BCY50 | NS | 1018 | LCl | 10 V | 5 V | 3 V | 200mA | $125 C$ | 20 cm | P | 60 NN | 100UA | ALG | ITE | BC107 | A157 | 0 |
| $8 \mathrm{CY51}$ | AS | 1018 | LO1 | 30 V | 20 V | 5 V | 100NA | 175 C | 300 NWF | 50 N | 60 mv | 100 UA | AlG | $1{ }^{\text {cte }}$ | 8C107 | A157 | 0 |
| BCY54 | PS | T05 | LC4 | 50 V | 5 CV | 12 V | 250 MA | 150C | 41 CNWF | 450 K 150 P | 12 MN | 15 CMA | ALS | MUB | BCY32 | 2N1475 | 0 |
| ECY55 | As |  |  |  |  |  |  |  |  |  |  |  | dua | MUB |  |  | 0 |
| BCY56 | NS | 1018 | LO1 | 45 V | 45 v | 5 V | 100ma | 1750 | 300 MWF | 180～ 5 P | loom | 2MA | ALA | VAL | 8C107 | 2N929 | 0 |
| 8CY57 | NS | 1018 | LCl | 25 V | 20 V | 5 V | 100MA | $175 C$ | 300 MmF | 150 N 5 P | 200 NN | 2 ma | AlA | VAL | BC 109 | 2N930 | 0 |
| BCY58 | NS | T018 | LCl | 32 V | 32 v | 7 V | 200 mA | 200 C | 1 WF | 125 M 6 P | 120 MN | 2 MA | AMG | Val | BFx95 | 2N2222 | 0 |
| BCY58A | NS | T018 | LCl | 32 V | 32 V | $7 v$ | 100 NA | 175 C | 390 MWF | $120 \mathrm{M} \mathrm{7P}$ | 125 mN | 2 NA | ALG | ITB | BC107 | A157 | 0 |
| BCY588 | NS | T018 | LCl | 32 V | 32 v | $7 v$ | 100 ma | 175C | 390 MmF | 120N 7P | 175 NN | 2MA | ALG | ITE | BC107 | A157 | 0 |
| BCY58C | ns | 1018 | 101 | 32 V | 32 v | 7 V | 100MA | 175 C | 390 MWF | 120N 7P | 250 MN | 2 MA | al N | ITB | BC109 | 2N930 | 0 |
| BCY580 | NS | 1018 | LC1 | 32 V | 32 V | $7 v$ | 100MA | 175 C | 39 CNWF | 120N 7P | 350 MN | 2MA | ALN | ITB | BC109 | 2N930 | 0 |
| BCY58／7 BCY58／8 | ns | 1018 $T 018$ | 101 401 | 32 V 32 V | 32 V 32 v | $7 v$ | 200 mA 200 NA | 200 C 200 C | 1 WF | 125M 6P | 120 MN 180 MN | 2 MA | ANG | val | BFX95 | $\left\lvert\, \begin{array}{ll} 2 N & 222 \\ 2 N & 2 A \\ 2 \end{array}\right.$ | A 0 0 0 |



| TRANSISTOR NUMBER | $\left\|\begin{array}{c} \text { PM } \\ \mathbf{O A} \\ \mathbf{L T} \end{array}\right\|$ | $\begin{aligned} & \text { PACK- } \\ & \text { AGE } \end{aligned}$ | $\left.\begin{array}{\|c\|c\|} \text { LEAD } \\ \text { INFO } \end{array} \right\rvert\,$ | VCB MAX | vCE MAX | $\begin{aligned} & \text { VEB } \\ & \text { MAX } \end{aligned}$ | $\stackrel{1}{\mathrm{C}}$ | $\stackrel{\mathbf{T}}{\mathrm{MAX}}$ | $\begin{aligned} & \text { P } \\ & \text { TOT } \end{aligned}$ | $\begin{array}{ll} F & C_{0 B} \\ \text { MIN } & \text { MAX } \end{array}$ | $H_{F E}$ | $\begin{gathered} \mathrm{H}_{\mathrm{FE}} \\ \text { BIAS } \end{gathered}$ | USE | MFR | $\begin{aligned} & \text { EURO } \\ & \text { EQVT. } \end{aligned}$ | $\begin{aligned} & \text { USA } \\ & \text { EQVT. } \end{aligned}$ | ISS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 8C165 | NS | $1012 t$ | L31 | 45 V | 45 V | 5 V | 150 MA | 150 C | 2 CnC | 3 N | 40 mN | 150 MA | AMG | IFK | 80169 | 2N4923 | 0 |
| 20166 | PS | T0126 | L31 | 45 V | 45 V | 5 V | 1500 ma | 150C | 20 WC | 3 N | 40 MN | 15 cma | AMG | TFK | B0140 | 2N4920 | 0 |
| BC167 | AS | 10126 | L31 | 6 CV | 60 V | 5 V | 1500 MA | 150C | 20 WC | 3M | 40 MN | 15 cma | AMG | TFK | 80169 | 2N4923 | 0 |
| ED168 | PS | $1012 t$ | L31 | 60 V | 60 V | 5 V | 1500MA | $150 C$ | 2 CWC | 3 M | 40 MN | 15 cma | ANH | TFK | BD 140 | 2N4920 | 0 |
| ED169 | ns | 10126 | L 21 | 80 V | 80 V | 5 V | 1500 ma | 150 C | 2 ChC | $3 N$ | 40 mN | 150 mA | AMH | tFk | B0169 | 2N4923 | 0 |
| 20.170 | PS | T012t | L31 | 8 cv | 80 V | 5 v | 1500 ma | 150C | 20 hc | 3 N | 15 MN | 50 cma | AHH | SEU | BC238 | 2N4920 | 0 |
| BD171 | NS | 10126 | L31 | 100 V | sov | 5 V | 500 ma | 150C | 20 wC | 3M | 40 MN | 50 MA | ALE | TFK | BD232 |  | 0 |
| 80172 | $\wedge \leq$ | 10126 | L31 | 1 cov | scv | 5 v | 50 CNA | 150C | 20 WC | 3 M | 40 MA | 50 MA | ALE | TFK | 8L232 |  | 0 |
| BL173 | AS | $1012 t$ | L31 | 170 V | 160 v | 5 V | 500MA | 150 C | 20WC | 3 M | 40 MN | 50 MA | ALE | TFK | BD232 |  | 0 |
| ED175 | NS | 10126 | L31 | 45 v | 45 v | 5 V | 34 | $135 C$ | 3 chc | 3 N | 40 NN | 150 MA | AHG | tfk | BD237 | 2N4923 | 0 |
| EC. 176 | Ps | T012t | L31 | 45 V | 45 V | 5 v | 3 A | 135C | 30 WC | 3M | 40 MN | 15 cma | AHE | IFK | BC238 | 2N4920 | 0 |
| BD 177 | NS | 10126 | 131 | 60 V | 60 V | 5 V | 3 A | $135 C$ | 3 CWC | 3 M | 40 MN | 15 CMA | AHG | TFK | BD237 | 2N4923 | 0 |
| E0178 | PS | 10126 | 131 | tov | 60 V | $5 v$ | 3 A | 135 C | 3 CWC | $3 N$ | 40 MN | 150 MA | AHH | TFK | 80238 | 2N4920 | 0 |
| 80179 | AS | T0126 | 131 | 80 V | 8 CV | 5 V | 3 A | 1350 | 30w | 3 N | 40 MN | 150 MA | AHH | TFK | BC237 | 2N4923 | 0 |
| EC180 | PS | 10126 | L31 | 8 CV | 80 V | 5 V | 34 | 1356 | 3 CkC | 3 N | 40 NN | 150 MA | AHH | TFK | BC238 | 2N4920 | 0 |
| 80181 | AS | T03 | LC5 | 55 V | 40 V | $7 v$ | 108 | 200 C | 78wC |  | 20170 | 4 A | AHG | SEL | 8CY20 | 2N3055 | 0 |
| BC182 | ns | 103 | LC5 | 7 CV | 60 V | $7 v$ | 15 A | 200 C | 117 WC |  | 20/70 | 4 A | AHC | SEU | BDY20 | 2N3055 | 0 |
| B0183 | NS | 103 | LC5 | 85 V | 80 V | 7 V | 15 A | 200 C | 117wC |  | $20 / 70$ | 4 A | $\triangle H H$ | SEL | BD $\times 50$ | 2N3773 | 0 |
| 80184 | As | T03 | L05 | 95 V | 90 v | 7 V | 15A | 200C | 117 WC |  | $20 / 70$ | 4 A | AHH | MUB |  |  | - |
| EC185 | NS | 10126 | 131 | 4 cV | 3 cv | 5 V | 4 A | 135C | 40 WC | 2M | 40 MN | 500 mA | AHG | TFK | BC441 | 2N5192 | 0 |
| RD186 | PS | 10126 | L21 | 40 V | 30 V | 5 v | 4 A | 135C | 4 CWC | 2 M | 40 Mn | 500 Na | AHE | TFK | ED442 | 2N5195 | 0 |
| B0187 | ns | T012t | 131 | 55 V | 45 V | 5 V | 4 A | 135 C | 40 WC | 2 M | 40 MN | 500MA | AHG | TFK | BD441 | 2N5 192 | 0 |
| 8C188 | PS | $1012 t$ | L31 | 55 V | 45 V | 5 V | 4 A | 1350 | 4 ChC | 2 N | 40 NN | 500 MA | AHG | TFK | B0442 | 2N5195 | 0 |
| 80189 | NS | T0126 | L31 | 70 V | 60 V | 5 v | 4 A | 135 C | 40 WC | 2 N | 40 MN | 500 mA | aHg | TFK | BD44 1 | 2N5192 | 0 |
| 80190 | PS | T0126 | L31 | 7 CV | 6 cv | 5 V | 4 A | 135 C | 40 WC | 2 M | 40 MN | 50 cma | AHH | TFK | B0442 | 2N5195 | 0 |
| E0195 | ns | TOP66 | L22 | 40 V | 30 V | 5 V | 68 | 135 C | 65 WC | 2 N | 30 mf | 1 A | AHG | TfK | BD 589 | 2N6123 | 0 |
| EL176 | PS | TOP6E | L 32 | 4 CV | 30 V | 5 V | 6 A | 1350 | 654C | 2 N | 30 MN | 1 A | AHG | TFK | 80×78 | 2N6134 | 0 |
| 80197 | NS | TOP $\in \in$ | L32 | 55 V | 45 V | 5 V | 6 A | 135C | 65 hC | 2 N | 30 MN | 1 A | AHG | TFK | 80589 | 2N6123 | 0 |
| HD198 | PS | TOP66 | L32 | 55 V | 45 V | 5 V | 6 A | 135 C | 65 WC | 2 M | 30 ma | 1 A | AHG | TFK | $80 \times 18$ | 2N6134 | 0 |
| 80199 | ns | T0P 66 | 132 | 70 V | 6 Cv | 5 V | $6 \Delta$ | 135 C | 65 WC | $2^{M}$ | 30 mN | $1 \Delta$ | aHt | TFK | BD549 | 2N6123 | 0 |
| EC200 | PS | 10P6t | L32 | 7 CV | tov | 5 V | 6 A | $135 C$ | 65 hc | $2 \mu$ | 30 Nm | $1 \Delta$ | AHH | Tfk | B0×78 | 2N6134 | c |
| 80201 | NS | TOP66 | L 32 | 60 V | 45 v | $5 v$ | 8 A | 150 C | 55 WC | 3 N | 30 mN | 3 A | AHG | MUB | BC×73 | 2N6101 | 0 |
| BC 202 | fs | TOFEG | L32 | 6 CV | 45 v | 5 V | \& A | 150C | 55 WC | 3 M | 30 mN | 3 A | AHE | mus | $30 \times 78$ | 2N6134 | 0 |
| 80203 | NS | TOP 66 | 132 | 60 V | 60 v | 5 V | 8 A | 150C | 55 nc | 3M | 30 NN | $2 \wedge$ | AHH | Mue | 8 BX 73 | 2N6101 | 0 |
| eç04 | PS | 10P66 | 132 | 60 V | 60 V | 5 V | 8 A | 150 C | 55 mC | 3 M | 30 Ma | 2 A | AHH | MUB | $80 \times 78$ | 2N6134 | 0 |
| 80205 | NS | TCFGE | L32 | 55 V | 45 V | 5 V | 1 CA | 150 C | coucl | 1500k | 30 Nm | 2 A | AHG | IFK | 8 $\times \times 73$ | 2N6101 | 0 |
| 80206 | PS | TOP66 | 132 | 55 V | 45 V | 5 V | 104 | 150 C | SCWC 1 | 1500k | 30 mN | 2 A | AHG | TFK | 80x78 | 2N6134 | 0 |
| 80207 | AS | TCP 66 | 132 | 70 V | 60 V | 5 V | 108 | 150C | 90 WCl | 5cok | 3cma | 2 A | AHH | TFK | HD× 73 | 2N6101 | 0 |
| B0208 | ps | IOP Et | L32 | 70 V | 60 V | 5 V | 104 | 150 C | 9 CWC | 1500k | 30 ma | 2 A | AHH | TFK | B0x78 | 2N61.34 | - |
| E0213 | NS | IOP 3 | 134 | 4 sV | 45 V | 7 V | 15 A | 150 C | 9 ChC | 3 N | 25 NN | 54 | AHG | TFK | B0213/8 |  | 0 |
| E0213/45 | NS | TCP 3 | L34 | 45 V | 45 v | $7 v$ | 15 A | 150C | 90wC | 3 M | 25 MN | $5 \triangle$ | $\triangle H C$ | IFK | B6213/8 |  | 0 |
| H0213/6C | NS | TOP 3 | 134 | 60 V | 60 V | 7 V | 15A | 150C | $s \mathrm{ChC}$ | 3 M | 25 MN | 54 | AHH | Tfk | B0213/8 |  | 0 |
| 80213180 | AS | TOP 3 | L34 | 80 V | 80 v | $7 v$ | 15A | 150 C | 9 CWC | 3 M | 25 MA | $5 \triangle$ | AHH | TFK | 80213/8 |  | 0 |
| Q 2124 | PS | 10P3 | 134 | 45 V | 45 v | $7 v$ | 15 A | 150 C | 90WC | 3 M | 25 MN | 5 A | AHE | TFK | BL214/3 |  | 0 |
| $80214 / 45$ | PS | TOP3 | 134 | 45 V | 45 V | 7 V | 15A | 150 C | SchC | 3 N | 25 NN | 54 | $\Delta H G$ | TFK | B02.14/8 |  | - |
| 日C214/EC | PS | TOP 2 | 134 | 6 CV | 6 cv | $7 v$ | 15 A | 150C | 90 WC | 3 M | 25Mn | 5 A | AHr | IFK | B0214/8 |  | 0 |
| R0214/80 | PS | TOP3 | L34 | 80 V | 80 V | $7 v$ | 15 A | 150 C | 9 CWC | 3 M | 25 MN | 5 A | AHH | TFK | B0214/9 |  | 0 |
| 80220 | NS | 10P66 | L32 |  | 70 V |  | 4 A | 130 C | 36 hC | 800k | $30 / 120$ | 500 MA | AHG | FCL | 80599 | 2N6123 | 0 |
| 80221 | As | TOP6E | L 32 |  | 40 V |  | 4 A | $130 C$ | 36.6 C | 800k | $30 / 120$ | 1 A | AHS, | FCU | B0539 | 2N6123 | 0 |
| E0222 | NS | ICPEE | L32 |  | 60 v |  | 4 A | 1300 | 36 hC | 80 CK | 20/80 | ECOMA | AHE | FCU | B5589 | 2N6123 | 0 |
| R0223 | PS | T0P 66 | 132 |  | 70 V |  | 4 A | 130 C | 36 WC | 800k | $30 / 120$ | 500 ma | AHE | FCL | B059C | 2N6126 | 0 |
| BD224 | PS | 10P6t | 132 |  | 40 V |  | 4 A | 130 C | 36 WC | воок | 30/120 | 1 A | AHG | FCU | BDS 9 | 2N6126 | 0 |
| 80225 | PS | TOP6t | L32 |  | 60 V |  | 4 A | 130 C | 36 hC | 800k | 20180 | 1500 MA | $A H G$ | FCL | B0590 | 2N6126 | 0 |
| 40226 | NS | 10126 | L31 | 45 V | 45 V | 5 V | 1500 ma | 125 C | 10 WC | 60 N | $40 / 250$ | 150mA | AMG | $\checkmark$ Val | BC539 | 2N6123 | 0 |
| B022 7 | PS | T0126 | 131 | 45 V | 45 v | 5 V | 1500 mA | 125 C | 10 WC | 60 M | $40 / 250$ | 15 CMA | AMG | $\checkmark$ VL | 85590 | 2N6126 | 0 |
| ED228 | As | T0126 | L31 | tov | 60 v | 5 V | 1500~A | 1250 | 1 ChC | 60 M | $40 / 160$ | 150 MA | ANH | VAL | ED539 | 2N6123 | 0 |
| 80229 | PS | 10126 | 131 | 60 V | 60 V | 5 V | 1500 ma | 1250 | 10 WC | 60N | $40 / 160$ | 150 ma | AMH | VAL | 80590 | 2N612t | 0 |
| 80230 | NS | 10126 | L31 | 10 CV | 100 V | 5 V | 1500 MA | 1256 | 1 ChC | $60 \%$ | 40/160 | 150 MA | ANH | val | BC589 | 2N6123 | c |
| 80231 | PS | 10126 | 131 | 100 V | 100 V | 5 V | 1500 ma | 125 C | 10 hC | 60 N | 40/160 | 15 CMA | ANH | VAL | B0590 | 2N612t | - |
| BC 232 | AS | T0126 | L31 | 5 cov | 30 CV | 5 v | 25 CMA | 150C | 11 WC | 10 M | 25/150 | 5 CMA | al E | MUS | B0232 |  | - |
| 80233 | NS | 10126 | L31 | 45 V | 45 v | 5 V | 2 A | 150 C | 25wC | 3 N | 25 MN | 14 | $\triangle H G$ | MLP. | 8D237 | 2N4923 | 0 |
| B0234 | PS | 10126 | L31 | 45 V | 45 V | 5 V | 2 A | 150 C | 25 WC | 3 N | 25 MN | 14 | AHG | MUB | 8C238 | 2N4920 | 0 |
| BC235 | NS | 10126 | L31 | 6 CV | 60 V | 5 V | 2 A | 150 C | 25wC | 3 M | 25 MN | 1 A | aHe | NLB | B0237 | 2 N 4923 | - |
| BD236 | PS | T0126 | L31 | 60 V | 60 V | 5 V | 2 A | 150 C | 25 WC | 3 M | 25 Mn | 14 | AHH | Mue | BD238 | 2N4920 | 0 |
| 80237 | as | T0126 | L31 | 1 cov | 100 V | 5 V | 2 A | 150 C | 25WC | 3 M | 25 MN | 1 A | AHH | MUB | B0237 | 2N4923 | 0 |
| E0238 | PS | 10126 | L31 | $\dot{10} \mathrm{CV}$ | 100 V | 5 V | 2 A | 150 C | 25 nc | 3 N | 25 NN | 1 A | AHH | Mue | BD238 | 2N4920 | 0 |
| 80253 | NS | 103 | LO5 | 350 V | 200 V |  | EA | 200C | 50 wC 2 | 2500k | 15 MN | 1 A | AHE | II日 |  |  | 0 |
| BC253A | AS | 103 | LC5 | 5 cov | 250 V |  | 64 | 200C | 50 WC 2 | 500k | 15 MA | 1 A | AHE | TiB |  |  | 0 |
| BD2538 | NS | 103 | LC5 | 700 V | 300 V |  | 6 A | 2006 | $50 W C 2$ | 2500k | 15 MN | $1 A$ | AHE | IIB |  |  | 0 |
| 802536 | NS | 103 | LC5 | 900 V | 400 V |  | 6 A | 200 C | SchC | 2500k | 15 NN | 50 WC | AHE | TIE |  |  | - |
| EC257 | NS | 10P3 | 134 | 45 V | 45 v |  | 254 | 150 C | 125 hC |  | 10 NN | 15A | AHC | JFk | B[257/1 |  | 0 |
| E0257/45 | NS | TOP3 | L34 | 45 V | 45 v |  | 25A | 150 C | 125 WC |  | 10 Na | 15 A | AHG | tFk | B2257/1 |  | 0 |
| BD257160 | NS | TCP 3 | L 34 | 60 V | 6 CV |  | 25 A | 150 C | 125 WC |  | 10 MN | $15 A$ | AHH: | TFK | 80257/1 |  | 0 |
| $80257 / 80$ | NS | ICP 3 | 134 | 8 cV | 80 V |  | 25 A | 150 C | 125WC |  | 10 MN | 15 A | AHH | TFK | 80257/1 |  | 0 |
| 20257/100 | NS | TOP 3 | L34 | 10 CV | 100 v |  | 25A | 150 C | 125 hC |  | 10 NN | 15A | AHH | TFK | BD257/1 |  | 0 |
| E0258 | PS | TCP? | L34 | 45 v | 45 v |  | 25 A | 150 C | 125 WC |  | 10 mN | 15 A | AHC | IFK | EL258/1 |  | 0 |
| BD258/45 | PS | TOP 3 | 134 | 45 V | 45 v |  | 25A | 150 C | 125 WC |  | 10 NN | 15 A | AHG | TFK | B0258/1 |  | 0 |
| 80258/60 | PS | TOP3 | L34 | 60 V | 60 V |  | 25 A | 150C | 125 hC |  | 10 ma | 15 A | AHH | TFK | BD258/1 |  | 0 |
| $80258 / 80$ $80258 / 100$ | PS | TOP3 1OP3 | L34 | 8 | \|r $\begin{gathered}80 \mathrm{~V} \\ 100 \mathrm{~V}\end{gathered}$ |  | $25 A$ 254 | 150 C 150 C | 125 WC 125 WC |  | 10 MN 10 MN | 15 A 15 A | AHH | TFK | 80258/1 |  | 0 |


| TRANSISTOR NUMBER | $\begin{aligned} & \text { PM } \\ & \text { OA } \\ & \text { LT } \end{aligned}$ | PACK- | $\begin{array}{\|l\|l\|} \hline \text { LEAD } \\ \text { INFO } \\ \hline \end{array}$ | $\begin{aligned} & \text { VCB } \\ & \text { MAX } \end{aligned}$ | $\begin{aligned} & \text { VCE } \\ & \text { MAX } \end{aligned}$ | $\begin{aligned} & \text { VEB } \\ & \text { MAX } \end{aligned}$ | $\underset{\operatorname{MAX}}{\mathbf{I}}$ | $\stackrel{T}{\mathrm{~J}}$ | $\begin{aligned} & \text { P } \\ & \text { TOT } \end{aligned}$ | $\begin{array}{ll} \text { F } & C_{O B} \\ \text { MIN } & \text { MAX } \end{array}$ | $\mathbf{H E}_{\text {FE }}$ | $\begin{gathered} \mathrm{H}_{\mathrm{FE}} \\ \text { BIAS } \end{gathered}$ | USE | MFR | $\begin{aligned} & \text { EURO } \\ & \text { EQVT. } \end{aligned}$ | USA EQVT. | ISS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 8 C 262 | PS | 10126 | Les | 60 V | 60 V |  | 64 | 150C | 36WC | 1 M | 750 mn | 500MA | AHC | MLR |  |  | 0 |
| 80262A | PS | 10126 | 169 | 80 V | 80 V |  | $6 A$ | 150 C | 36 WC | 1 N | 750 mN | 500 MA | AHD | MLE |  |  | 0 |
| E0263 | ns | 10126 | 169 | 80 V | 60 V |  | 6 A | 150C | 36 WC | IN | 750 MN | $5 C 0 \mathrm{ma}$ | AHD | mub |  |  | 0 |
| B0263A A | NS | 10126 | 165 | 100 V | 80 V |  | 6 A | 150C | 36 WC | 1 M | 750 mN | 50 cma | AHC | Nub |  |  | - |
| 80266 | PS | TOP66 | 132 | 60 V | 60 V |  | 8 A | 150C | 55 kC | 1 M | 750 mN | 3.4 | AHD | MLE |  |  | 0 |
| BL266A | PS | T0P66 | L32 | 8 CV | 80 V |  | $\varepsilon A$ | 150 C | 55 WC | 1 N | 750 MN | $3 A$ | AHD | MLB |  |  | 0 |
| 80267 | NS | TOP6E | 132 | 80 V | 60 V |  | 8 A | 150 C | 55 hC | 1 N | 750 MN | 3 A | AHD | NuE |  |  | 0 |
| 80267A | NS | T0P66 | [32 | 100 V | 80 V |  | 8 A | 150C | 55 hC | in | 750 NN | $3 A$ | AHD | MUE |  |  | 0 |
| B0301 | $\wedge$ | TCPES | L32 |  | 45 V |  |  | 150 C | 55 WC | 3 M | 30 MN | 34 | AHG | SEU | 80589 | 2N6123 | 0 |
| 80302 | PS | TCPEE | 132 |  | 45 v |  |  | 150 C | 55 WC | 3 M | 30 MN | 3 A | AHE | SEU | B0590 | 2N6126 | 0 |
| 80303 | NS | TOP6E | 132 |  | 60 V |  |  | 150 C | 55 WC | 3 N | 30 mN | 2 A | AHG | SEU | BD589 | 2N6123 | 0 |
| 80304 | PS | treteg | L32 |  | 60 V |  |  | 150 C | 55 WC | 3* | 30 MN | 2 A | AHH | SEU | 80590 | 2N6126 | 0 |
| BC306A | NS | T0126 | L31 | 36 V | 36 V | 5 V | 2500 ma | 125C | 1 CWC | 50 M | $50 / 150$ | 500MA | AHG | 178 | 80237 | 2N4923 | 0 |
| B0306B | ns | 10126 | L31 | 36 V | 36 V | 5 V | 2500NA | 125 C | 10 WC | 50 m | 100 mN | 500 mA | AHG | 118 | BD237 | 2N4923 | 0 |
| BC 307 A | AS | 10126 | 131 | 64 V | 64v | 5 V | 2500 mA | 125C | 1 CWC | 50 M | 50/150 | 500 ma | AHE | ITR | B0237 | 2N4923 | 0 |
| B03C78 | NS | 10126 | 131 | 64 V | 64 V | 5 V | 2500NA | 125C | 10 WC | 50 N | 100 mN | 5 COma | AFH | IT 8 | 80237 | 2N4923 | 0 |
| B040C | $\wedge S$ | T0126 | L31 | 170 V | 100 V | 7 V | 1 A | 150C | 15 WC | 500K | 40MN | 500 NA | AMH | TIB | B0169 | 2N4923 | 0 |
| 8041 C | NS | 10126 | L31 | 5 cov | 325V | 6 V | 14 | 150C | 20WC |  | 30/240 | 50 MA | ALE | tie | Bn232 |  | 0 |
| 80433 | AS | 10126 | L31 | 22 V | 22 V | 5 v | 4 A | 150 C | 36 WC | 3 N | 50 Mn | 14 | AHG | MUP | 80441 | 2N5192 | - |
| EC433A | AS | 10126 | 131 | 22 V | 22 V | 5 v | 4 A | 1506 | 36WC | 3 N | 100 mN | 500 mA | AHG | SID | 80441 | 2N5192 | 0 |
| 804338 | Ns | 10126 | 131 | 22v | 22 V | $5 v$ | 4 A | 150 C | 36 hC | 3 N | 160Ma | 5 COMA | AHG | SID | 80441 | 2N5192 | 0 |
| 80433C | NS | 10126 | L31 | 22 V | 224 | 5 v | 4 A | 150C | 36 WC | 3M | 250 MN | 50 cmA | AHG | SID | B0441 | 2N5192 | 0 |
| 90434 | PS | 10126 | L31 | 22 V | 22 V | 5 v | 4 A | 150 C | 36 WC | 3 M | 50 MN | 2 A | AHG | MUB | B0442 | 2N5195 | 0 |
| 80434 A | PS | T0126 | L2 1 | 22 V | 22 V | 5 v | 4 A | 150 C | 36 hC | 3 M | 100 NN | 500 MA | AHG | SID | 80442 | 2N5195 | 0 |
| 804348 | P § | 10126 | L31 | 22 V | 22 V | sv | 4 A | 150C | 36 WC | 3 N | 160 mN | 500 mA | AHG | SIO | B0442 | 2N5195 | 0 |
| 80434C | PS | 10126 | 131 | 22 V | 22 V | sv | 4 A | 150 C | 36 hC | 3 M | 250 MN | $5 \operatorname{con} A$ | AHG | SID | 80442 | 2N5195 | 0 |
| 80435 | AS | 10126 | 131 | 32 V | 32 V | 5 V | 4 A | 150c | 36 WC | $3{ }^{3 M}$ | 50 Mn | 2 A | AHG | MUB | 80441 | 2N5192 | 0 |
| 85435A | $\wedge$ A | 10126 | 131 | 32 V | 32 V | 5 V | 4 A | 150 C | 36 WC | 3 N | 1004 N | 500MA | AHG | SID | 80441 | 2N5192 | 0 |
| BC4358 | NS | T0126 | 131 | 32 V | 32 v | 5 V | 4 A | 150 C | 36WC | 3 N | 160 MN | 500ma | AHG | SID | B0441 | 2N5192 | - |
| BD435C | NS | 10126 | L31 | 32 V | 32 v | 5 v | 4 A | 150 C | 36 kC | 3 M | 250 NV | 500 mA | AHG | SID | BD44 1 | 2N5192 | 0 |
| 80436 | PS | 10126 | 131 | 32 V | 32 v | 5 v | 4 A | 1500 | 36WC | 3 M | 50 MN | $2 \triangle$ | ANE | MUB | 80442 | 2N5195 | 0 |
| B0436A | PS | 10126 | L31 | 32 V | 32 V | sv | 4 A | 150 C | 36 hC | 3 N | 100 mN | 500 MA | AHG | SIC | BD442 | 2N5195 | 0 |
| 804368 | PS | 10126 | L31 | 32 V | 32 V | 5 v | $4 \Delta$ | 150c | 36 wC | 3 M | 160 MN | 500 MA | AHG | SID | B5442 | 2N5195 | 0 |
| BD436C | PS | T0126 | L31 | 32 V | 32 V | 5 v | 44 | 150 C | 36 WC | 3 N | 250 MN | 500 mA | AHG | SID | B 10442 | 2N5195 | - |
| 80437 | $\mathrm{N} \leqslant$ | T0120 | L31 | 45 V | 45 V | 5 v | 4 A | 150C | 36 WC | 3 M | 40 MN | 2 A | AHG | MUP | B0441 | 2N5192 | 0 |
| 80438 | PS | TC12e | 131 | 45 V | 45 V | 5 V | 4 A | 150C | 36 WC | 3 M | 40 MN | 2 A | AHC | MUB | 80442 | 2N5195 | 0 |
| 80439 | NS | 10126 | L31 | 6 cV | 60 V | 5 V | 4 A | 1500 | 36 WC | 3 N | 25 NN | 2 A | AHH | TFK | B044 1 | 2N5192 | 0 |
| 80440 | PS | T0126 | L31 | 60 V | tov | 5 V | 4 A | 150C | 36 WC | 3 N | 25 NN | 2 A | AHH | TFK | B0442 | 2N5195 | c |
| RD441 | $\wedge S$ | T0126 | L31 | 8 CV | 80 V | 5 V | 4 A | 150C | 36 WC | 3 M | 15 MN | 2 A | AHH | TFK | B0441 | 2N5192 | 0 |
| 80442 | PS | 10126 | 131 | 80 V | 80 V | 5 V | 4 A | 1500 | 36 WC | 3 M | 15 MN | $2 \triangle$ | AHH | TFK | 80442 | 2N5195 | 0 |
| B0461 | AS | 10126 | 165 | 35 V | 3 CV | 6 V | 4 A | 1500 | 30 HC | 50 N | 40 MN | 2 A | RHC | IIB |  |  | 0 |
| 80462 | PS | 10126 | 165 | 35 V | 30 V | 6 V | 4 A | 150C | 30 WC | 50 N | 40 NN | 2 A | RHG | TIB |  |  | 0 |
| BD463 | $\mathrm{N} \leqslant$ | 10126 | L69 | 35 V | 30 V | 6 V | 44. | 150C | 30 kC | 50 M | 30 mN | 2 A | RHG | TIP |  |  | 0 |
| 80464 | PS | 10126 | L69 | 35 V | 30 v | 6 V | 4 A | 150C | 30 WC | 50 m | 30 mN | 2 A | RHG | TIR |  |  | 0 |
| BC406 | NS | IC126 | Les | 45 V | 45 V | 10 V | 1200 mA | 150 C | 8 WC |  | 4000 MN | 500MA | ANC | TIB |  |  | 0 |
| 80477 | $\mathrm{p} \subseteq$ | T0126 | 169 | 45 V | 45 V | 10 V | 1200na | 150 C | 8 WC |  | 4000 mN | 5 Coma | AHD | TIP. |  |  | 0 |
| 80575 | NS | TCPEE | 132 |  | 45 V |  | 3 A | 150C | 30 WC | 3M | 25 MN | 14 | AHG | MOB |  |  | 0 |
| 80576 | PS | TCPE6 | 132 |  | 45 v |  | 34 | 150C | 3 CWC | 3M | 25 MN | 1 A | AHC | MOE |  |  | 0 |
| 80577 | AS | TOP66 | 132 |  | tov |  | 3 A | 150 C | 3 OWC | 3 3 | 25 MN | 1 A | AHG | MOB |  |  | 0 |
| 80578 | PS | 10366 | 132 |  | 60 V |  | 3 A | 150 C | 30WC | 3 N | 25 MN | 1 A | AHG | MOB |  |  | 0 |
| 80579 | NS | TOP66 | L32 |  | 80. |  | 3 A | 150C | 30 wC | 3 N | 15 NN | 1 A | AHH | NOE |  |  | 0 |
| 80580 | PS | TCPE6 | L32 |  | 80 V |  | 3 A | 150C | 30 WC | 3 M | 15 MN | 1 A | AHH | MOB |  |  | 0 |
| 80581 | NS | TCPEE | 132 |  | 100v |  | 3 A | 150 C | 30 WC | 3 M | 15 MN | 1 A | AHH | MC9 |  |  | 0 |
| BD582 | -S | 10P66 | L32 |  | 1 cov |  | 31 | 150 C | 30 WC | 3 N | 15 MN | 1 A | AHG | MUB |  |  | 0 |
| 80585 | AS | TOP66 | L32 | 45 V | 45 v | 5 v | 4 A | 150C | 42 WC | 3 M | 25 MN | 2 A | AHG | TFK | B6589 | 2N6123 | 0 |
| 80586 | PS | TCP66 | 132 | 4 EV | 454 | 5 V | 4 A | 150 C | 42 wC | 3M | 25 Mn | 2 A | AHG | IFK | B0590 | 2N6128 | 0 |
| B0.587 | AS | TOP 66 | L32 | 60 V | 60. | 5 v | 4 A | 150C | 42 WC | $3{ }^{3}$ | 25 MN | 2 A | AHH | TFK | B0589 | 2N6123 | 0 |
| 80598 | PS | TOP66 | L32 | 60 V | 60 V | 5 V | 4 A | 150C | 42 WC | 3 M | 25Mn | 2 A | AHH | TFK | B0590 | 2N6126 | 0 |
| 8С589 | NS | 10966 | L32 | 80 V | Rov | 5 v | 4 A | 150 C | 42 hC | 3 N | 15 NN | 2 A | AHH | TFK | B0589 | 2N6123 | 0 |
| 80590 | PS | TOP6E | L32 | 80 V | 804 | 5 V | 4 A | 1506 | 42 WC | 3 N | 15 MN | 2 A | AHH | TFK | B0590 | 2N6126 | 0 |
| 80599 | NS | TOPE6 | 132 | 80 V | 80 V | 5 v | 8 A | : 50C | 55 WC | 3M | 15 MN | 3 A | AHH | TFK | 80X 73 | 2N6101 | 0 |
| 80595 | NS | TOP66 | L32 | $45 v$ | 45 v | 5 v | 8 A | 150 C | 55 wC | 3 N | 25 NN | 3 A | AHG | TFK | $80 \times 73$ | 2N6101 | 0 |
| 80596 | PS | TOP66 | L32 | 45 v | 45 v | 5 v | 8 A | 150C | 55 WC | 3N | 25 MN | 3 A | AHG | TFK | 8 Cx 78 | 2N6134 | 0 |
| BC597 | NS | 10966 | L 132 | 6 CV | 60 V | 5 V | 8 A | 150C | 55 WC | 3 N | 25 MN | 3 A | AHH | TFK | 80x 13 | 2N6101 | 0 |
| BD598 | PS | TOPE6 | L32 | 60 V | 60 V | 5 V | 84 | 150 C | 55 WC | 3 M | 25 MN | A | AHH | K | BDX78 | 2N6134 | 0 |
| 80600 | PS | TOPE6 | 132 | 8 CV | 804 | 5 V | 8 A | 150 C | 55wC | 3 M | 15 MN | 3 A | AHH | TfK | $8 \mathrm{Cl78}$ | 2N6134 | 0 |
| 80601 | NS | T0P66 | L32 |  | 100 V |  | 104 | 150 C | 90 WC | $3 N$ | 15 NN | 3 A | АHH | MOB |  |  | 0 |
| 80602 | PS | T0F66 | L32 |  | 100 V |  | 10 A | 150C | 90 WC | 3 N | 15 MN | 3 A | AHH | MCB |  |  | 0 |
| B0605 | ns | TOPEE | L32 |  | 45 v |  | 10A | 150C | 90wC | 1500 K | 15 MN | 4 A | AHG | NUB |  |  | 0 |
| B0606 | DS | TOP60 | L32 |  | 454 |  | 10A | 150 C | 90 WC | 1500K | 15 MN | 4 A | AHG | MUB |  |  | 0 |
| e0607 | $n s$ | 10966 | L32 |  | 60 V |  | 108 | 150C | 90 WC | 1500k | 15 MN | 4 A | AHG | MUB |  |  | 0 |
| 80608 | PS | TCPGE | 132 |  | 60 V |  | 104 | 150C | 90 WC | 1500 K | 15 MN | 4 A | AHG | MUB |  |  | 0 |
| 20609 | NS | TOP66 | L32 |  | 80 V |  | 10A | 150C | 90 WC | 1500 K | 15 MN | 4 A | AHH | MUR |  |  | 0 |
| 80610 | P S | TCP66 | L32 |  | 80. |  | 104 | 150C | 90 WC | 1500 K | 15 MN | 4 A | AHH | MUB |  |  | 0 |
| 80675 | NS | 10126 | L31 | 45 V | 45 v | 5 V | 4 A | 150 C | 4 OWC | 1 M | 750 MN | 2 | A | TFK |  |  | 0 |
| 80676 | PS | 10126 | L 31 | 45 V | 45 V | 5 V | 4 A | 150C | 40 nc | 1 N | 750Mn | 2 A | AHD | TFK |  |  | 0 |
| 80677 | $\mathrm{N} \leqslant$ | 10126 | L31 | 6 CV | 60 V | 5 V | 4 A | 150C | 40 WC | 1 N | 750 MN | 2 A | AHC | TFK |  |  | 0 |
| 80678 | PS | 10126 | L31 | 60 V | 60 V | 5 V | 4 A | 150C | 40 WC | 1 M | 750 MN | 2 A | AHD | TFK | BD442 | 2N5195 | 0 |
| 80679 80680 |  | 10126 10126 | $6{ }_{6}^{131}$ L31 | 88 CV |  | 5 V | 4 A | 150 C 1506 | 40 WC | 1 M | 750 MN 750 MN | 1500 ma |  |  | BC442 | 2N5195 |  |


| TRANSISTOR NUMBER | $\begin{gathered} \text { PM } \\ \text { OA } \\ \text { LT } \end{gathered}$ | $\begin{aligned} & \text { PACK- } \\ & \text { AGE } \end{aligned}$ | $\left.\begin{array}{\|l\|} \text { LEAD } \\ \text { INFO } \end{array} \right\rvert\,$ | $\begin{aligned} & \text { VCB } \\ & \text { MAX } \end{aligned}$ | $\left\lvert\, \begin{array}{c\|} \text { VCE } \\ \text { MAX } \end{array}\right.$ | $\begin{aligned} & \text { VEB } \\ & \text { MAX } \end{aligned}$ | ${ }_{\text {MAX }}^{\mathbf{I}}$ | $\stackrel{\mathbf{T}}{\underset{\text { MAX }}{J}}$ | $\begin{aligned} & \mathbf{P} \\ & \text { TOT } \end{aligned}$ | $\begin{array}{ll} F_{i} & C_{0 B} \\ \text { MIN } & \text { MAX } \end{array}$ | $H_{F E}$ | $\begin{gathered} \mathrm{H}_{\mathrm{FE}} \\ \text { BIAS } \end{gathered}$ | USE | MFR | EURO EQVT. | USA EQVT. | ISS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 20695 | NS | TOPEG | 132 | 4 sv | 45 V | 5 V | 5 A | 150 C | 70 WC | 1 M | 750 MN | 4 A | AHE | TFK | ED×73 | 2N6101 | 0 |
| 80696 | PS | 10866 | 132 | 45 V | 45 v | 5 V | 5 A | 150 C | 70 WC | 1 M | 750 MN | 4 A | AHA | TFK |  |  | 0 |
| 85697 | NS | TOP66 | 132 | 6 CV | 60 V | 5 V | 5 A | 150C | 70 hc | 1 N | 750 MN | 4 A | AHH | TFK | BDx73 | 2N6101 | 0 |
| 80698 | PS | TOP66 | L32 | 60 V | 60 V | 5 V | 5 A | 150C | 70 WC | 1 N | 750 MN | 4 A | AHA | TFK |  |  | 0 |
| B06s | AS | TCPEG | 132 | 8 CV | 80 V | 5 V | 5 A | 150C | 70WC | 1 M | 75 CMN | 3 A | AHH | TFK | BDX 73 | 2N6101 | 0 |
| ed700 | PS | TOP66 | 132 | 80 V | 80V | 5 v | 5 A | 150 C | 7 ChC | 1 M | 750 mN | 3 A | AHA | TFK |  |  | 0 |
| BD701 | AS | 10P66 | 132 | 10 cV | 100 V | 5 V | 5 A | 150 C | 70WC | 1 m | 750 MN | 3 A | AHH | IFK | $80 \times 73$ | 2N6101 | 0 |
| 80702 | PS | 10126 | 121 | 10 CV | 100 V | 5 V | 5 A | 150C | 7 chc | $1{ }^{(N 0}$ | 750 mN | 3 A | AHH | IFK | B0442 | 2N5195 | 0 |
| 80x11 | NS | 103 | LO5 | 160 V | 140 V | 7 V | 10 A | 200 C | 117 hC |  | $20 / 70$ | 3 A | AHH | ATI | BDx11 | 2N3442 | 0 |
| $80 \times 14$ | PS | T06t | 443 | 90 V | 55 V | 7 V |  | 200C | 29 WC | 800 K | 25/100 | 50 CmA | AHE | SEL | B0×14 | 2N3740 | 0 |
| $80 \times 18$ | PS | 103 | L05 | 100 V | 60 V | 7 V | 15 A | 2006 | 117 nc | $4 N$ | 20/70 | 4 A | AHH | SEL | BDx18 | 2N3792 | 0 |
| B0×18N | PS | 103 | L05 | 7 CV | 60 V | $7 v$ | 15 A | 200 C | 117 WC | 4 N | $20 / 70$ | 4 A | AHH | SEU | B $\times 18$ | 2N3792 | 0 |
| 8C×35 | NS | T0126 | 131 | 10 CV | 60 V | 5 V | 5 A | 150C | 36 WC | 50 M | 45/450 | 500 MA | AHH | $\mu$ UB | B6441 | 2N5192 | 0 |
| B0×36 | NS | T0126 | 131 | 120 V | 60 V | 5 V | 5 A | 150C | 36 WC | 50 M | $45 / 450$ | 500 MA | AHH | MUR | BD441 | 2N5192 | 0 |
| $80 \times 37$ | ns | 10126 | 131 | 120 V | cov | 5 v | 5 A | 150 C | 36 WC | 50 m | 45/450 | 500 mA | AHH | MIJ | 80441 | 2N5192 | 0 |
| 20×62 | PS | 103 | 105 | $6 C V$ | 60 V |  | 12A | 200 C | 9 ChC | $1{ }^{\prime \prime}$ | 1000 NN | 3 A | AHO | NLE |  |  | 0 |
| $8 \mathrm{BC62A}$ | PS | 103 | LO5 | 80 V | 80 V |  | 12 A | 200C | 90 WC | 1 N | 1000 mN | 3 A | AHD | MUB |  |  | 0 |
| BEX63 | As | 103 | 1 C 5 | 80 V | 60 V |  | 12 A | 200 C | 90 WC | 1 M | 1000 mN | 3 A | AHC | MUB |  |  | 0 |
| 80×63A | NS | 103 | LC5 | 100 V | 80 V |  | 12 A | 200C | 9 CWC | 1 M | 1000 mN | 3 A | AHD | MUB |  |  | 0 |
| $80 \times 64$ | PS | 103 | LC5 | 60 V | 60 V |  | 12 A | 200 C | 117 mC | 1 N | 1000 mN | 5 A | AHD | MLE |  |  | 0 |
| EC×64A | PS | 103 | LC5 | 8 CV | 80 V |  | 12A | 2 COC | 117 WC | 1 N | 1000 mN | 5 A | AHS | NLE |  |  | 0 |
| $8 \mathrm{BC} \times 5$ | NS | 103 | 105 | 80 V | 60 V |  | 12 A | 200C | 117 hc | 1 M | 1000 mN | 5 A | AHD | mue |  |  | 0 |
| B0×65A | AS | 103 | LC5 | 1 cov | cov |  | 12A | 200C | 117 WC | $1{ }^{M}$ | 1000 MW | $5 A$ | AHC | MUB |  |  | 0 |
| $80 \times 66$ | PS | 103 | L05 | 6 CV | 6 cv |  | 208 | 200 C | 150 WC | 3 M | 1000 mN | 1 CA | AHC | MUR |  |  | 0 |
| EEx6EA | PS | 103 | LC5 | 8 CV | 80 v |  | 208 | 200 C | 15 ChC | $3 N$ | 1000 mN | 1 CA | AHO | MLE |  |  | 0 |
| EE×67 | NS | tc3 | LC5 | ccv | 60 V |  | 2CA | 200 C | 150 WC | 3 M | 1000 mN | 10 A | AHC | NUB |  |  | 0 |
| 80×67A | NS | 103 | LC5 | 100 V | cov |  | 20A | 200 C | 15 CWC | $3 M$ | 1000NN | 10 A | AHD | mue |  |  | 0 |
| ED $\times 70$ | $\wedge$ A | 10066 | 132 | 70 V | cov | 8 V | 104 | 150 C | 75 hC |  | 20/80 | 4 A | AHH | ATI | $80 \times 72$ | 2N6100 | 0 |
| $80 \times 71$ | AS | 10P66 | 132 | 7 CV | 60 V | 8 V | 104 | 150 C | 75 WC |  | 20/80 | 4 A | AHH | ATI | $80 \times 73$ | 2N6101 | 0 |
| E $6 \times 72$ | NS | 10660 | 133 | 8 CV | 70 V | 8 v | 10. | 150 C | 75kC |  | 20180 | 5 A | $\triangle \mathrm{HH}$ | ATI | 80x72 | 2N6100 | 0 |
| $8 \mathrm{~B} \times 73$ | AS | TCPE6 | L32 | 80 V | 70 V | 8 V | 10 A | 150C | 75wC |  | 20180 | $5 \triangle$ | AHH | ATI | 8C×73 | 2N6101 | 0 |
| BC $\times 74$ | AS | T026E | 1.33 | 45 V | 40 V | 5 V | 164 | 150 C | 75 WC |  | 15/60 | 8 A | AHG | ATI | $80 \times 72$ | 2N6100 | 0 |
| EDX75 | NS | 10P66 | Lミ2 | 4 EV | 40 V | 5 V | 154 | 150 C | 75 hc |  | 15160 | 8 A | AHG | ATI | $80 \times 75$ | 2N6103 | 0 |
| $80 \times 77$ | ns | TOP66 | L32 | 8 CV | 80 v | 5 V | 12A | 150C | 55 WC | 1 M | 30 mN | 2 A | AHM | mub | B6x73 | 2N6 101 | 0 |
| B6x78 | PS | TOPE6 | 132 | 8 CV | 80 v | 5 V | \& A | 150C | 55 WC | 3 M | 3 Mm | 2 A | AHH | NUB | BCx78 | 2N6134 | 0 |
| BDYio | ns | $\underline{03}$ | LC5 | 50 V | 40 V |  | 4 A | 1750 | 15 CWC | 1 M | 1c/50 | 2 A | AHG | MUB | 80Y20 | 2N3055 | 0 |
| ecyll | ns | 103 | LC5 | 10 CV | 70 v |  | 4 A | 1750 | 150 WC | 1 N | 10/50 | 2 A | AHH | mus | BC×50 | 2N3773 | 0 |
| BCY15 | NS | $\times 03$ | LC5 | 36 V | 36 V | $5 V$ | 2500 MA | 1750 | 12 hC | 50 N | $50 / 600$ | 50 CMA | RHG | 1 TE | B0107 |  | 0 |
| eoyls | NS | $\times 03$ | LO5 | 36 V | 36 V | 5 V | 2500 Na | 175 C | 12 WC | 50 N | $50 / 600$ | 500 mA | RHG | IT ${ }^{\text {P }}$ | 80107 |  | 0 |
| BCY15A | AS | $\times \mathrm{C}$ | LC5 | 36 V | 36 V | 5 V | 250 cma | 175 C | 12 WC | 50 M | $50 / 150$ | 50 CmA | RHG | 118 | BC107 |  | 0 |
| EDY15e | NS | $\times 03$ | LC5 | 36 V | 36 V | $5 v$ | 2500 ma | 1750 | 12 hc | 50 N | 1 CONN | 500 Na | RHG | ITE | 8D107 |  | 0 |
| B0Y15C | NS | $\times 03$ | L05 | 36 V | 36 V | 5 V | 2500 ma | 1750 | 12 WC | 50 N | 200 MN | 500 Na | RHG | ITB | BC107 |  | 0 |
| ecy 16 | NS | $\times \mathrm{C} 3$ | LC5 | 64 V | 64 V | $5 v$ | 250 cma | 175C | 12 hc | 50 N | $50 / 300$ | 50 CNA | R+G | ITE | 35107 |  | 0 |
| BCY16A | NS | $\times 03$ | LCS | 64 V | 64 V | 5 V | 2500 ma | 1750 | 12 wC | 504 | $50 / 150$ | 500 Na | RHG | It ${ }^{\text {P }}$ | B0107 |  | 0 |
| Boyler | As | $\times 03$ | LC5 | 64 V | 64 V | 5 V | 250 cNa | 175 C | 12WC | 50 M | 100 mA | $5 C 0 N A$ | RHG | ITB | BD107 |  | 0 |
| ecy 20 | NS | 103 | LC5 | 10 CV | 60 v | $7 v$ | 15A | 2000 | 115hC | 500k | 20/70 | 4 A | $\triangle H G$ | NLE | 30 Y 20 | 2N3055 | 0 |
| EDYZ 3 | NS | T03 | LCS | tov | 60 V | 10 V | $6 A$ | $200 C$ | 87 nC | 10 N | 15/180 | 2 A | RHG | SEU | B DY24 | 2N3448 | 0 |
| BCY23A | AS | $\mathrm{T}_{1} 3$ | LC5 | 6 CV | 6 cv | 10 V | 6 A | 200 C | ع7wc | 10 M | 15/45 | $2 \Delta$ | RHG | SFU | 80Y24 | 2N3448 | 0 |
| B0Y238 | NS | 103 | L05 | 60 V | tov | 10 V | 6 A | 200 C | 87 WC | 109 | 30/90 | 2 A | RHG | SEU | BDY24 | 2N3448 | 0 |
| EOY23C | As | TO3 | 105 | 60 V | 60 v | 10 v | 68 | 200 C | 87 hC | 10N | 75/180 | ? 4 | RHG | SEL | BDY24 | 2N3448 | 0 |
| ECY24 | NS | 153 | 105 | 10 cV | 90 v | 10 V | EA | 200 C | 87 hc | 1 ON | 15/180 | 2 A | RHH | SES | BCY 24 | 2N3448 | 0 |
| BDY24A | NS | 103 | LC5 | 100 V | sov | 10 V | 64 | 200 C | 87 hC | 10 N | 15/45 | 2 A | Rha | SEU | BDY24 | 2N3448 | - |
| SOY248 | ns | T03 | LC5 | 1 cov | cov | 1 cv | $6 \pm$ | 200C | 87 WC | 10 M | 30/90 | $2 A$ | RHH | SEU | ROY24 | 2N3448 | 0 |
| B0Y24C | AS | 103 | 1 CS | 1 CCV | 9 Cv | 1 CV | 64 | 200C | 87 WC | 10 M | 75/180 | 2 A | RHH | SEU | BDY24 | 2N3448 | 0 |
| BDr25 | NS | 103 | LC5 | 200 V | 140 V | lov | 6 A | 200C | 87 nc | 10 N | 15/180 | 2 A | RHE | SEL |  |  | 0 |
| ECY25A | NS | 103 | LC5 | 2 Ccv | 14 CV | 10 V | ¢A | 200 C | 87 WC | 10 M | 15/45 | 2 A | RHE | SEU |  |  | 0 |
| 80r258 | NS | 103 | L05 | 2 COV | 140 V | 10 V | 6 A | 200 C | 87 mC | 10 M | 30/90 | 2 A | RHE | SEU |  |  | 0 |
| BDYZ5C | ns | 103 | 105 | 2 cov | 14 CV | 10 V | 6 A | 200 C | 87 WC | 10 M | $75 / 180$ | 2 A | RHE | SEU |  |  | - |
| 80Y2t | AS | 103 | 105 | 30 CV | 180 V | 10 V | 64 | 200c | 87 wC | 10M | 15/180 | 2 A | RHE | SEU | BDY28 | 2N5157 | 0 |
| ecy 27 | NS | t03 | L 05 | 40 CV | 200 V | 10 V | 6 A | 200C | 87 hC | 10 N | 15/180 | 2 A | RHE | SEU | BCY28 | 2N5157 | c |
| e0res | $\wedge 5$ | 103 | LC5 | 5 cov | 25 cv | 10 V | $6 \pm$ | 200 C | 87 WC | 10 M | 15/180 | 2 A | RHE | SEU | 8CY28 | 2N5157 | 0 |
| 3CY34 | As | 10126 | 131 | 60 V | 40 v | 5 v | 3 A | 150 C | 13 WC | s0m | 30/300 | 2 A | VHG | TFK |  |  | 0 |
| BDY 38 | NS | 103 | LC5 | 50 V | 40 V |  | 6 A | 2006 | 115 hc | 500k | 30 mN | 2 A | AHG | MLE | EDY20 | 2N3055 | 0 |
| 8CY5 3 | As | T03 | LO5 | 10 CV | 60 V | $7 v$ | 12 A | 200C | 60 WC | 10N | 20160 | 2 A | RHH | SEC | B0Y56 |  | 0 |
| SOY54 | NS | 103 | LCS | 18 CV | 120 V | 7 V | 12A | 200C | towc | $10^{N}$ | $20 / 60$ | 2 A | RHE | SEU | BCY56 |  | 0 |
| B0Y5 5 | AS | 103 | LC5 | 100 V | cov | $7 v$ | 15 A | 200 C | 115 WC | $10^{0 N}$ | $20 / 70$ | 4 A | RHH | SEL | BDY5t |  | 0 |
| 80Y56 | AS | 103 | L05 | 15 CV | 1200 | 7v | 15 A | 2000 | 115 WC | 10 M | 20170 | 4 A | RHH | SEU | 8CY56 |  | 0 |
| EDY57 | NS | 103 | LC5 | 12 CV | 80 V | 10 V | 25A | 200c | 175 hc | 10 N | $20 / 60$ | 10A | RHH | SEU | BDY58 |  | 0 |
| BDY5 8 | NS | 103 | L05 | 160 V | 125 v | 10 V | 25 A | 200C | 175 nc | 10 N | 20/60 | 10A | RHH | SEU | 80Y58 |  | 0 |
| EOYGC | NS | tc3 | LC5 | 12 CV | 60 y | 5 V | 10 A | 175C | 30 WC | 30 m | $45 / 450$ | 5 COMA | RHG | NUB |  |  | 0 |
| eov61 | AS | 103 | LC5 | 100 V | tov | 5 V | 10 A | 175 C | 3 chc | 30 N | 45/450 | 500 MA | RHG | mue |  |  | 0 |
| E0Y62 | AS | 103 | 105 | 6 CV | 30 V | 5 V | 1 CA | 175 C | 30 WC | 30 N | 45/450 | 500 MA | RHG | MUB |  |  | 0 |
| BCY63 | NS | 1061 | 146 | 100 V | 80 V |  | 1 CA | 200C | 50 WC | 40 N | $30 / 150$ | 5 A | RHH | T18 |  |  | 0 |
| BDY54 | NS | 1063 | L 60 | 100 V | 80 V |  | 30A | 200C | 10 CWC | 30 M | 20/100 | 15 A | RHH | TI日 |  |  | 0 |
| B0Y65 | ns | 105 | 104 | 150 V | 100 V |  | 1 A | 200C | 15 WC | 30 M | 50/300 | 2CCNA | RMH | TIB |  |  | 0 |
| EDY6e | NS | $\times 26$ | L5s | 150 V | 100 V |  | 1 A | 2006 | 15kC | 30 N | 50/300 | 200NA | RNH | TIE |  |  | 0 |
| BCY69 | PS | 1061 | 146 | 100 V | 80 V |  | 12 A | 200C | 50 WC | 30 N | 20/80 | 6 A | RHH | TIB |  |  | 0 |
| 80Y70 | PS | 505 | 104 | 100 V | 80 V |  | 2 A | 200 C | 15 WC | 30 M | 30/200 | 1 A | RHH | TIB |  |  | 0 |
| B0Y71 BOY72 | NS <br> ns | 1066 1066 | 14 <br> 14 | 90 V 150 V | 55 V 120 V | $7 v$ | 4 4 | 200C | 29 nC 25 wC | 800 K 800 K | $80 / 20$ $60 / 180$ | 500 Na 500 Na | AHG | SEU | BUY 38 <br> BDY72 | $\begin{aligned} & 2 N 3054 \\ & 2 N 3441 \end{aligned}$ | 0 |


| TRANSISTOR NUMBER | $\begin{gathered} \text { PM } \\ O A \\ \text { LT } \end{gathered}$ | $\begin{array}{\|r\|} \text { PACK- } \end{array}$ | $\begin{array}{\|l\|} \text { LEAD } \\ \text { LNFO } \end{array}$ | $\begin{aligned} & \text { VCB } \\ & \text { MAX } \end{aligned}$ | $\begin{array}{c\|} \text { VCE } \\ \text { MAX } \end{array}$ | VEB MAX | ${ }_{\operatorname{MAX}}^{\mathbf{c}}$ | $\underset{\operatorname{MAX}}{\mathbf{T}}$ | $\begin{aligned} & \text { P } \\ & \text { TOT } \end{aligned}$ | $\begin{array}{ll} F & C_{0} \\ \text { MIN } & \text { OBX } \end{array}$ | $\mathrm{H}_{\mathrm{FE}}$ | $\begin{gathered} \mathrm{H}_{\mathrm{FE}} \\ \text { BIAS } \end{gathered}$ | USE | MFR | $\begin{aligned} & \text { EURO } \\ & \text { EQVT. } \end{aligned}$ | $\begin{aligned} & \text { USA } \\ & \text { EQVT. } \end{aligned}$ | ISS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| BOY73 | NS | 103 | L05 | 100 V | 60 y | $7 v$ | 15A | 200 C | 117 hC | 800K | 50/U50 | 4 A | AHG | SEU | BDY20 | 2N3055 | 0 |
| 80Y74 | NS | 103 | L05 | 150 V | 120 V | 7 V | 10 A | 200C | 117 WC | 800K | 50/150 | 3 A | AHH | SEU | BD $\times 50$ | 2N3773 | 0 |
| BDY76 | AS | 103 | 105 | 10 CV | 60 V | 7 V | 204 | $200 C$ | 150 WC | 800 K | 40/120 | 1 CA | AHG | SEU | BCY40 | 2N3772 | 0 |
| BCY78 | NS | 1066 | 143 | 90 V | 55 V | 7 V | 4 A | 200 C | 25 WC | 8 N | 25/100 | 500 mA | RHG | SEU | BDY78 |  | 0 |
| BDY79 | NS | 1066 | 143 | 150 V | 120 V | 7 V | 4 A | 200C | 25 wC | gM | 25/100 | 500 MA | RHH | SEU | B0Y79 | 2N5050 | 0 |
| B0Y80a | NS | 10P66 | L32 | 40 V | 35 v | 10 V | 4 A | 150 C | 36hC |  | 40/80 | 500 ma | AHG | MIS | 80589 | 2N6123 | 0 |
| EDY808 | NS | TOP66 | 132 | 40 V | 35 V | 10 V | 4 A | 150 C | 36 WC |  | 70/140 | 500 MA | AHG | MIS | 80589 | 2N6123 | 0 |
| B0Y80C | NS | TOP66 | 132 | 4 CV | 35 v | 1 CV | 4 A | $150 C$ | 36 WC |  | 120 MN | 500 mA | AHE | MIS | B0589 | 2N6123 | 0 |
| edrbia | NS | TOP66 | L32 | 6 CV | 50 V | 10 V | 4 A | 150 C | 36hC |  | 40/80 | 500 MA | AHG | MIS | B0589 | 2N6123 | 0 |
| boysie | NS | TOP66 | L32 | 60 V | 50 V | 10 V | 4 A | 150C | 36 kC |  | 70/140 | 500 ma | AHG | MIS | B0589 | 2N6123 | 0 |
| Borsic | AS | IOP 66 | 132 | 6 CV | 5 CV | 10 V | 4 A | 150 C | 36WC |  | 120 MN | 500 ma | AHG | MIS | BD589 | 2N6 123 | 0 |
| BDY82A | PS | TOP66 | 132 | 40 V | 35 v | 5 V | 4 A | 150 C | 36 WC |  | 40180 | 500 MA | AHG | MIS | B0590 | 2N6126 | 0 |
| EDY828 | PS | T0P66 | 132 | 4 CV | 35 v | 5 V | 4 A | 150 C | 36WC |  | 10/140 | 500 MA | AHG | MIS | B 0590 | 2N6126 | 0 |
| Boy82C | PS | TOPE6 | 132 | 4 CV | 35 v | 5 V | 4 A | 150C | 36WC |  | 120 MN | 500 mA | AHE | MIS | B0590 | 2N6126 | 0 |
| BDY83A | PS | TOP 66 | 132 | 60 V | 50 V | 5 V | 4 A | 150 C | 36 hC |  | 40/80 | 500 ma | AHG | MIS | BD590 | 2N6126 | 0 |
| BDY838 | PS | 10966 | 132 | 6 V | 50 V | 5 V | $4 \Delta$ | 150 C | 36 WC |  | $70 / 140$ | 500ma | AHG | MIS | BC590 | 2N6126 | 0 |
| BOY83C | PS | IOP6E | L32 | 6 CV | 50 V | 5 V | 4 A | 150 C | 36 hc |  | 120 MN | 500 mA | AHG | MIS | BD590 | 2N6126 | 0 |
| B0Y90 | NS | 103 | L05 | 120 V | 100 V | 6 V | 15 | 175 C | 40 WC | 35 N | 30/120 | 5 A | RHH | Mue |  |  | 0 |
| B0Y91 | AS | 103 | LC5 | 10 CV | 8 CV | 6 V |  | 175 C | 40 WC | 35 M | 30/120 | 5 A | RHH | MUR |  |  | 0 |
| B0Y92 | NS | t03 | L05 | 80 V | 60 v | 6 V |  | 175C | 4 WWC | 35 M | 30/120 | 5 A | RHH | MUB |  |  | 0 |
| 80y9 3 | NS | 103 | 105 | 75 CV | 350 v | 6 V | GA | 150c | 30 WC | 4N | 15160 | $1 \Delta$ | AHE | MUB |  |  | 0 |
| BCY94 | NS | 103 | LCS | 75 CV | 30 cv | 6 V | EA | 150C | 30 hC | 4 N | $15 / 60$ | 1 A | $\triangle H E$ | Mue |  |  | 0 |
| B0Y95 | NS | 103 | 105 | 600 V | 250 v | 6 V | 6 A | 150C | 3 ChC | 4 M | 15/60 | 14. | AHE | Mus |  |  | 0 |
| Boyg6 | NS | 103 | L05 | 750 V | 350 v | 6 V | 15A | 150C | 40 WC | 5 M | 15/60 | $2 A$ | AHE | MUB |  |  | 0 |
| B0Y97 | NS | 103 | L05 | 75 CV | 300 v | 6 V | $15 A$ | 150C | 4 CWC | 5 M | 15/60 | 2 A | AHE | MLB |  |  | 0 |
| bors 8 | NS | 103 | LC5 | 600 V | 250 v | 6 V | $15 A$ | 150C | 40 hc | 5 M | 15/60 | 2A | AHE | nue |  |  | 0 |
| EF 108 | NS | 105 | LC4 | 135 V |  | 3 V | 50 MA | 175C | 800 NWF | 50M 3P | $501 p$ | 3 cma | TVM | OBS | EF 178 |  | 0 |
| BF 109 | NS | 105 | 104 | 135 V | 110 V | 2 V | 50MA | 175C | 2500 MWC | 80M 3RO | 20 NN | 1 Cma | IVH | OBS | BF 178 |  | 0 |
| EFF10 | AS | 105 | 104 | 170 V | gov | 3 V | 30 NA | 1756 | 600 MWF | 100M 7P | 30 MN | 10 MA | TVH | OBS | BF 178 |  | 0 |
| 8FIl1 | as | 1039 | 104 | 200 V |  | 5 V | 80 MA | 1756 | 3 WC | GON 3R 5 | 20MN | 60 Na | TVE | SID | BF179 |  | 0 |
| EF 114 | NS | 105 | 104 | 135 V |  | 3 V | 40 ma | 175 C | 565 MhF | 40 N 7 P | 20Nn | 10 Na | IVM | OBS | BF178 |  | 0 |
| BF 115 | NS | 1072 | L51 | 50 V | 30 V | 5 V | 3 CMA | 175 C | 145MWF | 115 M 1R3 | 45/165 | 1 MA | FRN | MUB | BF 185 |  | 0 |
| BF 117 | ns | ros | L04 | 140 V | 140 V |  | 100 MA | 175C | 680 NWF | 40 M 4 P | 25 MN | 30 Na | TVE | ITB | 8F 179 |  | 0 |
| BF118 | NS | 105 | L04 | 250 V | 250 V | 5 V | 100 ms | 175 C | 800 MWF | G0N 7P | 25 NN | 30 Na | ALE | ITP | BF 337 | 2N4927 | 0 |
| 8 8119 | AS | T05 | LC4 | 160 V | 160 v | 5 V | 100 Na | 175 C | 800 MWF | 60N 7P | 25 NN | $30^{\mathrm{Na}}$. | ALE | ITP | BF337 | 2N4927 | 0 |
| 8F12C | NS | 1018 | $1 \mathrm{Cl}_{1}$ | 220 V | 220 v | 5 V | 50 ma | 175 C | 300 MWF | 55M 7P | 20ma | 1 CmA | ALE | OBS | BF 337 | 2N4927 | 0 |
| 8F121 | AS | $\times 24$ | L52 | 40 V | 30 V | 4 V | 25 MA | 125 C | 330 MWF | $175 \mathrm{MOR28}$ | 30 MN | 4 MA | TIG | ITB | SF167 |  | 0 |
| 8F123 | AS | +24 | Lb2 | 40 V | $25 v$ | 4 V | 25 MA | 125 C | 330 NWF | 775 MOR 46 | 35 MN | 7 MA | TIA | ITB | BF 173 |  | 0 |
| 8F 125 | NS | +24 | L52 | 40 V | $25 v$ | 4 V | 25 MA | 125 C | 33 CNWF | 225N0R46 | 35 MN | 7 MA | tia | 1 TP | BF173 |  | 0 |
| EF 127 | NS | +24 | 152 | 40 V | 30 V | 4 V | 25 NA | 125 C | 330 MWF | 175 MOR28 | 30 NV | 4 MA | IIG | Ife | BF167 |  | 0 |
| BF137 | NS | 105 | 104 | 160 V | $1 \in C V$ | 5 V | 100MA | 175 C | 680 MWF | 50 M - 4 P | 25 MN | 3 CMA | TVE | ITB | BF 179 |  | 0 |
| BF 140 | NS | 105 | L04 | 135 V |  | 4 V | 50 NA | $175 C$ | 800 MkF | 40N 4 P | 15 MN | 20 MA | TVH | OBS | BF 178 |  | 0 |
| BF140A | ns | 105 | L04 | 150 V |  | 4 V | 30 MA | 1756 | 800NWF | 40 N 4 P | 15 MN | 20 MA | TVH | CBS | BF178 |  | 0 |
| BF 1400 | NS | 105 | LO4 | 180 V |  | 4 V | 50 MA | 1756 | 80 CNWF | 35 N 4 P | 15 MN | 2 CMA | tVE | oes | BF179 |  | 0 |
| BF 140 OR | NS | T018 | LCI | 135 V |  | 3 V | 50 MA | 175C | 600 MWF | 90 M 4 P | 20MN | 10 MA | TVH | CBS | BF178 |  | 0 |
| BF 140 S | ns | TC5 | LC1 | 135 V |  | 3 V | 50 MA | 1750 | 1WF | 90 M 4 P | 20Mn | 10 MA | TVH | ORS | BF 178 |  | 0 |
| BF 152 | NS | T0106 | 117 | 3 CV | 12 V | 2 V | 25 MA | 1256 | 20 CmFF | 600 1 P 2 | 25 NN | 3 MA | IUO | SGI | BF193 |  | 0 |
| EF 153 | NS | 10106 | 117 | 30 V | 12v | 2 V | 25 NA | 125 C | 200 MmF | $300 \mathrm{M} \mathrm{1P2}$ | 20 MN | 3 ma | FRM | SGI | BF185 |  | 0 |
| BF154 | $\wedge$ A | T010t | $L 17$ | 30 V | 20 V | 4 V | 50 MA | 1250 | 30 CMWF | 200M 3P5 | 25 MN | 1 CMA | IIG | SG I | BF167 |  | 0 |
| EF 155 | NS | 1072 | L06 | 40 V | 40 V | 3 V | 20 MA | 1756 | 175MWF | $400 \mathrm{M} \mathrm{CP8}$ | 20 MN | 2 MA | tue | SGI | BF190 |  | 0 |
| BF155R | NS | 1018 | L01 | 155 V |  | 3 V | 50 MA | 1750 | 600 NWF | 90n 4 P | 20 MN | 10 MA | TVH | nuc | BF178 |  | 0 |
| BF155S | NS | TC5 | 101 | 155 V |  | 3 V | 50 MA | 175 C | 1 hF | 90N 4 F | 20 NN | 1 cma | TVH | NUC | BF178 |  | 0 |
| BF 156 | NS | 1039 | L04 | 120 V | 120 V | 5 V | 150 MA | 200C | 800 MhF | 30 N 12 P | 30 MN | 30 MA | TVH | SGI | BFL18 |  | 0 |
| BF 157 | ns | 1039 | L04 | 150 V | 150 V | 5 V | 100 ma | 2 coc | 800 MWF | 30 M 12P | 30 MN | 3 cma | TVE | SGI | BF179C |  | 0 |
| BF1578 | ns | 1039 | LC4 | 175 V | 175 V | 5 V | 100ma | 200C | 800 MWF | $30 \mathrm{M} \mathrm{12P}$ | 30 mN | 30 MA | TVE | SGI | 8 F 179 C |  | 0 |
| EF158 | nS | 10106 | L17 | 3 CV | 12 V | 2 V | 50 MA | 125 C | 200 MWF | 600N 1P2 | 20 MN | 4 MA | TIA | SGI | BF173 |  | 0 |
| BF 159 | NS | T010t | L17 | 40 V | 20 V | 2 V | 50 MA | 125 C | 200 MWF | 600 M 1 P 2 | 20 MN | 4 MA | IIA | SGI | BF173 |  | 0 |
| BF 160 | NS | 10106 | 117 | 30 V | 12 V | 2 V | 50 Na | 1250 | 200 MWF | $400 \mathrm{M} \mathrm{1P2}$ | 20 NN | 3 Na | FRM | SGI | BF 185 |  | 0 |
| BF 161 | ns | 1072 | 106 | 50 V | 50 V | 4 V | 20 MA | 1750 | 175 MWF | 400M0P45 | 20 MN | 3 MA | TUO | SGI | BF183 |  | 0 |
| BF162 | ns | 10106 | 117 | 40 V | 40 V | 4 V | 50 MA | 125 C | 200 NWF | 400 N 2 P 4 | 30 mN | 4 MA | FVG | SG 1 | BF 200 |  | 0 |
| BF 163 | NS | T0106 | 117 | 40 V | 40 V | 4 V | 50ma | 125 C | 200 MWF | 400N OP8 | 30 nm | 4 MA | IIG | SGI | 8F167 |  | 0 |
| PF 164 | As | T0106 | L17 | 40 V | 40 V | 4 V | 25NA | 125 C | 200 MWF | 400 M 196 | 30 MN | 4 MA | IIG | SGI | BF167 |  | 0 |
| 日F 165 | ns | 10105 | LC4 | 30 V | 15 V | 4 V | 25 MA | 1250 | 300 MWF | $200 \mathrm{M} \mathrm{3R5}$ | 20 MN | 2MA | FRN | SGI | BF 195 |  | 0 |
| BF 166 | NS | 1072 | L06 | 40 V | 40 V | 3 V | 25 MA | 1750 | 175 MWF | 400 N 1 P 2 | 20 NN | 2 MA | FVG | SGI | BF 200 |  | 0 |
| EF167 | ns | 1072 | L51 | 40 V | 30 V | 4 V | 25 MA | 1756 | 150 MWF | 300 M OR 3 | 30 MN | 4 MA | TIG | MUB | BF157 |  | 0 |
| BF 168 | NS | 1018 | LO1 | 50 V | 30 V | $4 v$ | 25 NA |  | 260 MWF | 275M 296 | S0ma | 7Na | FRM | OBS | BF185 |  | 0 |
| BF 169 | AS | T018 | LCI | 50 V | 30 V | 5 V | 50 MA | 175 C | 300 MWF | 200M 6P | 40 MN | 10 MA | FRN | OBS | BF 185 |  | 0 |
| BF173 | ns | 1072 | L51 | 40 V | 25 V | 4 V | 25MA | $175 C$ | 260 MWF | 350 M OR 3 | 40/100 | 7 MA | TIA | MUB | BF 173 |  | 0 |
| BF 174 | NS | 7035 | L04 | 150 V | 150 V |  | 100 ma | 2006 | 800 mmF | 40 N 7 P | 30 MN | 10 MA | TVE | SGI | BF179C |  | , |
| EF 175 | NS | T072 | L06 | 40 V | 40 V | 3 V | 25MA | 175 C | 175 MWF | 250M OP8 | 30 MN | 2MA | IIG | SGI | $8 F 167$ |  | , |
| 8F176 | NS | 10105 | L04 | 40 V | 40 V | 4 V | 50 MA | 125 C | 250MHF | 225M 3PO | 20Mn | 10 MA | IIA | SGI | BF 173 |  | 0 |
| 8 F 177 | ns | T039 | L04 | 100 V | 60 V | 5 V | 5 Mas | 200 C | 600 MWF | 60 N 3R6 | 20 MN | 10 MA | TVM | MUE | BF179C |  | 0 |
| 8F178 | AS | 1039 | 104 | 185 V | 115 V | 5 V | 50 Ma | 2006 | 600 MWF | 60N 3R6 | 20 MN | 15 MA | TVN | MUB | BF179C |  | 0 |
| 8F179 | NS | 1039 | L04 | 250 V | 115 V | 5 V | 50 ma | 200 C | 60 CNWF | 60 N 3R6 | 20 MN | 2 CMA | IVH | Mue | BF119C |  | 0 |
| BF 179 A | NS | 1039 | 104 | 160 V | 115 V | 5 V | 50 MA | 200 C | 60 CMWF | 60M 3R5 | 20 MN | 3 cma | TVE | MUP | BF179C |  | 0 |
| BF1798 | NS | 1039 | 104 | 220 V | 115 V | 5 V | 50MA | $200 C$ | 600 MHF | 60 M 3R5 | 20 MN | 30 Na | TVE | MLB | BF 179 C |  | 0 |
| BF179C | NS | 1039 | L04 | 250 V | 115 V | 5 V | 50 MA | 200 C | 60 CMhF | 60N 3R5 | 20 NN | 30 ma | TVE | MUE | BF179C |  | 0 |
| BF180 | ns | 1072 | L06 | 30 V | 20 V | 3 V | 20MA | 175C | 15 CMWF | 335 MOR 56 | 13 mN | 2 MA | TUG | MUP | BF180 |  | 0 |
| BF 181 BF 182 | NS | 1072 1072 | L06 | 30 V | 20 V | 3 V | 20 MA | $175 C$ $175 C$ | 15 CMWF 150 MWF | $300 \mathrm{MOR56}$ $325 M 0866$ | 13 MN 10 mN | 2MA | TUO | MUB | BF 180 BF 182 |  | 0 |


| TRANSISTOR NUMBER | $\left\|\begin{array}{c} P M \\ O A \\ L T \end{array}\right\|$ | $\begin{aligned} & \text { PACK- } \\ & \text { AGE } \end{aligned}$ | $\begin{array}{\|c\|c\|} \hline \text { LEAD } \\ \text { INFO } \end{array}$ | VCB MAX | VCE MAX | $\begin{aligned} & \text { VEB } \\ & \text { MAX } \end{aligned}$ | $\underset{\operatorname{MAX}}{\mathbf{c}}$ | $\underset{\text { MAX }}{\mathbf{T}}$ | TOT | $\begin{array}{ll} F & C_{0 B} \\ \text { MIN } & \text { MAX } \end{array}$ | $H_{F E}$ | $\begin{gathered} \mathrm{H}_{\mathrm{FE}} \\ \text { BIAS } \end{gathered}$ | USE | MFR | $\begin{aligned} & \text { EURO } \\ & \text { EQVT. } \end{aligned}$ | USA EQVT． | ISS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| EF 183 | NS | 1072 | LC6 | 25 V | 20 V | 3 V | 15 MA | 1750 | 15CNWF | 400MCR66 | $10^{\text {m }}$ | 3 MA | TuO | mue | BF 183 |  | 0 |
| BF184 | NS | 1072 | L51 | 30 V | 20 V | 5 V | 30 MA | 175C | 145 MWF | 150 M 1R3 | 751750 | 1 MA | FRH | MUB | BF 184 |  | 0 |
| BF185 | NS | T072 | L51 | 30 V | 20 V | 5 V | 3 cma | 175C | 145 MWF | $110 \mathrm{M} \mathrm{1R3}$ | 34／140 | IMA | FRM | MUB | BF 185 |  | 0 |
| BF186 | NS | 1039 | LC4 | 165 V |  | 5 V | 50 MA | 200C | 750 NWF | 60M 4P | 20MN | 40 MA | TVH | OBS | BF 178 |  |  |
| EF187 | NS | 1018 | LC1 | 40 V |  |  | 25 MA | 175C | 16 CMHF | 250N | 40 NN | 10 MA | FVG | OBS | BF 200 |  | 0 |
| 8F188 | NS | 1072 | LCE | 50 V | 50 V | 5 V | 5 Cma | 175 C | 20 CMWF | 300M | 25 MN | 1 CMA | FVG | 0es | EF200 |  | 0 |
| BF189 | NS | 1072 | LC6 | 50 V | 30 v | 5 V | 25 MA | $175 C$ | 160 MHF | 150 M | 65 MN | ina | FVG | OBS | BF 200 |  | 0 |
| BF194 | NS | $\times 09$ | L11 | 30 V | 20 V | 5 V | 30 Na | 125 C | 250 MkF | 130 N IR 9 | 67／220 | 1 NA | FRH | Mue | EF 184 |  | 0 |
| BF195 | ns | $\times 09$ | L11 | 30 V | 20 V | 5 V | 30 MA | 1250 | 250 MHF | 100 N IRS | 36／125 | 1 NA | FRN | MUB | BF 185 |  | 0 |
| EF196 | NS | $\times 09$ | L11 | 40 V | 30 V | 4v | 25MA | 125C | 25 CMWF | 200N OR 4 | 27 NN | 4 MA | IIG | MUE | BF167 |  | 0 |
| EF 197 | As | $\times 09$ | 111 | 40 V | 20 V | 4 V | 25 NA | 125 C | 250 MLF | 275M OR6 | 38 MN | 7 Na | TIA | MUB | BF 173 |  | 0 |
| 8F198 | As | $\times 10$ | L15 | 40 V | 30 V | 4 V | 25 MA | 1250 | 250 MHF | 200M 0R4 | 27 MN | 4 MA | TIG | TFK | BF167 |  | 0 |
| 8F199 | NS | $\times 10$ | 1.19 | 40 V | 20 V | 4 V | 25 MA | $125 C$ | 25 CMWF | 275 N OR6 | 3enn | 7 MA | IIA | TFK | BF173 |  | 0 |
| BF200 | ns | 1072 | L06 | 30 V | 20 V | 3 V | 20MA | 175 C | 150 MWF | 325 MOR 56 | 15 MN | 2 MA | fVG | MUB | BF200 |  | 0 |
| BF206 | ns | 1072 | LC6 | 30 V | 20 V | 3 V | 2 CMA | 175C | 20CNHF | 250 M CR 5 | 20 MN | 2NA | FVG | oes | BF200 |  | 0 |
| 8F207 | ns | 1072 | 106 | 40 V | 30 V | 4 V | 25 NA | 1750 | 150 MWF | 200M OP 3 | 40 MN | 4 MA | FVG | OBS | BF 200 |  | 0 |
| BF208 | NS | 1072 | 106 | 40 V | 25 V | 4 V | 25 MA | 175 C | 230 NHF | 300MOR46 | 50 MN | 7 MA | FVG | OBS | BF 200 |  | 0 |
| BF20s | NS | 1072 | LC6 | 30 V | 20 V | 3 V | 20 MA | $175 C$ | 200 MmF | 250 N OR6 | 15 MN | 2 ma | FVG | CPS | BF 200 |  | 0 |
| 9F212 | NS | 1072 | L06 | 30 V | 20 V | 3 V | 2 cma | 175C | 200 MWF | 350N OR 5 | 22 NN | 2MA | FVG | OBS | BF200 |  | 0 |
| BF 213 | ns | 1072 | LC6 | 20 V | 15 V | 3 V | 50 NA | 1750 | 200 MHF | 3COM OR6 | 15 MN | 2 MA | TUG | OBS | BF 180 |  | 0 |
| EF214 | NS | 1072 | L51 | 30 V | 30 V | 4 V | 30 Na | 1750 | 160 MmF | 150N OP 7 | 75 NN | 1 ma | FRH | OBS | BF 184 |  | 0 |
| EF215 | AS | T072 | L51 | 30 V | 30 V | 4 V | 30 MA | 1750 | 160 MHF | 150 N OP7 | 35 MN | 1 MA | FRN | OBS | BF185 |  | 0 |
| EF222 | NS | 1072 | LOE | 50 V | 5 CV | 4 V | 20 MA | 175 C | 175 MHF | 200 N | 20 MN | 2 MA | fVG | SG I | BF 200 |  | 0 |
| BF 223 | NS | $\times 09$ | L11 | 32 V | 25 V | 4 V | 30 Na | 140C | 350 MWF | 375 M CR 7 | 40 MN | 15 MA | ila | TFK | BF 173 |  | 0 |
| BF 224 | AS | $\times 10$ | 419 | 45 V | 30 V | 4 V | 50 Na | 150 C | 360 MWF | 300MOR46 | 30 mN | 7 MA | TIA | TIB | BF 173 |  | 0 |
| EF224J | NS | 1092 | 153 | 45 V | 30 V | 4 V | 50 MA | 150 C | 360 MhF | 300～0R46 | 30NN | 7MA | TIA | TIE | BF173 |  | 0 |
| BF224JF | NS | 1092 | L58 | 45 V | 30 V | 4 V | 50 MA | 150C | 360 MWF | 300N0R46 | 30 MN | 7MA | TIA | TIB | BF173 |  | 0 |
| BF 225 | ns | $\times 10$ | 415 | 50 V | 40 V | 4 V | SCNA | 150C | 360 NWF | 400 MCR 44 | 30 MN | 4 MA | TIG | TIB | 8F167 |  | 0 |
| BF225J | NS | 1092 | L53 | 50 V | 40 V | 4 V | 50 MA | $150 C$ | 360 MWF | 400M0944 | 30 MN | 4 MA | IIG | TIS | BF 167 |  | 0 |
| BF225JF | ns | T092 | 158 | 50 V | 40 V | 4 V | 5 CmA | 150 C | 360 MWF | 400 NOR 44 | 30 mN | 4 MA | TIG | TIE | BF 167 |  | 0 |
| EF 226 | NS | 1072 | 151 | 30 V | 30 V | 4 V | 5 CMA | $175 C$ | 165 NhF | 150N 1R4 | 34／165 | 1MA | FRM | SES | BF185 |  | 0 |
| BF 227 | NS | $\times 25$ | L56 | 40 V | 25 V | 4 V | 25 MA | 125 C | 50 MWF | 3nJMOR46 | 30 Mn | 3NA | TIA | TFK | BF173 |  | 0 |
| BF228 | AS | ＋25 | L55 | 1 COV | 80 V | 7 V | 50 MA | 125 C | 50 MWF | 50 M | 30 MN | 2 MA | ALt | TFK | BS $\times 21$ | 2N1990R | － |
| BF229 | NS | ＋25 | L56 | 30 V | 20 V | 5 V | 30 MA | 1250 | 50 MWF | 139M 1R7 | 67／220 | 1 MA | FRH | TFK | BF194 |  | 0 |
| EF230 | NS | $\times 25$ | 156 | 30 V | 20 V | 5 V | 30 MA | 125 C | 5 CMWF | 100N 1R7 | $36 / 125$ | 1 MA | FRM | TFK | BF185 |  | 0 |
| EF232 | As | 107e | L51 | 25 V | 25 V | 4 V | 3 CMA | 175C | 27 CMWF | 300MOR68 | 30 MN | 7 MA | IIA | SID | BF173 |  | 0 |
| BF 233 | NS | $T 0106$ | 418 | 30 V | 30 V | 4 V | 30 MA | 1250 | 300 MWF | 150 M 120 | 40／350 | 1 MA | FRH | SES | BF184 |  | 0 |
| 8F23312 | AS | T0166 | L18 | 30 V | 30 V | 4 V | 3 CNA | 125 C | 300 MWF | 150 M 1RC | 40／70 | 1 MA | FRH | SES | BF184 |  | 0 |
| BF233／3 | AS | 19106 | 118 | 30 V | 30 V | 4 V | 30 MA | 1250 | 300 MWF | 150N 1RC | 60／100 | 1 MA | FRH | SES | BF184 |  | － |
| BF233／4 | NS | tcict | L18 | 30 V | 30 v | 4 V | 30 mA | 125 C | 30 CNmF | 150 N IRO | 90／150 | 1 MA | FRH | SES | BF184 |  | 0 |
| BF 23315 | ns | 10106 | 418 | 30 V | 3 Cv | 4 V | 30 MA | 125 C | 300 MHF | 150M 1RC | 14 CmN | 1NA | FRt | SES | EF184 |  | 0 |
| BF233／6 | NS | 10106 | L18 | 30 V | 30 V | 4 V | 30 MA | 125 C | 300 MHF | 150 M LRC | 200 MN | 1 MA | FRH | SES | BF 184 |  |  |
| EF234 | NS | T0166 | L18 | 30 V | 30 V | 4 V | 30 MA | 1250 | 300 MhF | 150N 1RC | 90／330 | 1 MA | FRH | SGI | BF184 |  | 0 |
| BF235 | AS | tolce | L18 | 30 V | 30 V | 4 V | 30 NA | 125 C | 300 NmF | 150 M IRC | 40／165 | 1 MA | FRN | SES | BF185 |  | 0 |
| EF236 | NS | 10106 | L18 | 3 CV | 3 cv | 4 V | 3 CmA | 125 C | 30 CNWF | 150N 1RO | 34／165 | IMA | FRM | SES | BF185 |  | 0 |
| EF237 | ns | $\times 10$ | 419 | 45 V | 30 V | 4 V | 3 CNA | 150 C | 360 MWF | OR6 | 30 MN | 1 MA | FRN | T18 | 袏185 |  | － |
| EF238 | As | ＋10 | L15 | 45 V | 30 V | 4 V | 30 MA | 150 C | 360 NWF | OR6 | 60 MN | IMA | FRH | TIR | 8F184 |  | 0 |
| EF240 | NS | $\times 10$ | L19 | 40 V | 40 V | 4 V | 25 MA | 15cC | 30 CMhF | $215 N 0 R 34$ | 67／220 | 1 MA | TIG | TFK | BF167 |  | 0 |
| EF241 | NS | $\times 10$ | L19 | 40 V | 40 V | 4 V | 25 NA | 150 C | 30 CMWF | 200MOR 34 | 36／125 | 1 ma | FRM | TFK | 8F167 |  | 0 |
| BF 243 | PS | $\times 10$ | L1S | 35 V | 32 V | 5 V | 50 Na | 150 C | 200 MWF | 80 M | 30 MN | 1 MA | AL G | oes |  |  | － |
| ef244 | FE |  |  |  |  |  |  |  |  |  |  |  | FET | TIE |  |  | 0 |
| EF245 | FE |  |  |  |  |  |  |  |  |  |  |  | FET | SES |  |  | 0 |
| EF24E | FE |  |  |  |  |  |  |  |  |  |  |  | FET | T18 |  |  | 0 |
| 日F 247 PF 248 | FE | 1018 | LC 1 | 30 V | 25 V | 3 V | 60CNA | 175C | 400 MWF | 180M 9P | $30 / 300$ | 10MA | FET | SES | ESW64 | A | 0 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| EF249 | PS | T018 | LCI | $30 v$ | $25 v$ | 3 V | EOCMA | 175C | 40 CNHF | 180N 9F | 30／300 | 10 MA | RLG | IIf | BSW24 | 2N2907A | 0 |
| EF250 | NS | r018 | LO1 | 15V | 15 V | 3 V | GOONA | 175 C | 400 MWF | 20N 10 P | 75 mN | 1 coua | RLG | TIF | BC109 | 2N930 | 0 |
| BF251 | AS | 1072 | L51 | 30 V | 30 V | 4 V | 25 MA | 175 C | 15 CMWF | 300 M CR 3 | 30 mN | 4 MA | tie | SG I | BF167 |  | 0 |
| 日F 252 | NS | 1072 | 151 | 40 V | 30 V | 4 V | 25 Na | 175 C | 150 MWF | 100 MOR 74 | 30 NN | 2 MA | FRM | SGI | BF195 |  | 0 |
| BF 254 | as | $\times 10$ | 119 | 30 V | 20 V | 5 V | 30 NA | 150 C | 30 CMWF | 130 M IR 7 | 67／220 | IMA | FRH | MUB | BF184 |  | 0 |
| ef255 | NS | $\times 10$ | LIS | 3 CV | 20 V | 5 V | 30 MA | 150C | 30 CNHF | 100N 1R7 | 36／175 | INA | FRM | MLE | BF185 |  | 0 |
| EF256 | FE |  |  |  |  |  |  |  |  |  |  |  | FET | MUB |  |  | 0 |
| EF 257 | ns | 1039 | LC4 | 160 V | 160 V | 5 V | 100NA | 175 C | 500 MWF | 55 M 7P． | 25 MN | 3 cms | IVN | SES | BF 257 |  | 0 |
| BF258 | NS | 1039 | LC4 | 250 V | 250 V | 5 V | 100MA | 175C | 800 NWF | 55M 7P | 25 MN | 30 MA | IVH | SES | BF258 |  | 0 |
| BF259 | NS | 1039 | LC4 | 300 V | 300 v | 5 V | 100mA | 175C | 500 MWF | 90N 7P | 25 MN | 30 mA | VLE | SES | BF 259 |  | 0 |
| EF260 | NS | 1072 | L51 | 45 V | 30 V | 4 V | 50 MA | 175 C | 15 CMWF | 400M0R 32 | 35 MN | 1 MA | fvg | ATI | BF20C |  | 0 |
| BF 261 | NS | 1072 | L51 | 40 V | 30 V | 4 V | 50 MA | 175 C | 150 MWF | 365 MOR 32 | 35 MA | 1 MA | IIG | ATI | BF 167 |  | 0 |
| BF268 | As | 1018 | LCI | 30 V | 30 V | 4 V | 25 NA | 1756 | 150 MWF | 600 M | 25 MN |  | ULA | OBS | BFY90 | 2N2857 | 0 |
| BF 270 | NS | 1072 | L06 | 40 V | 40 V | 4 V | 20 MA | 1756 | 150 MWF | 300 M OR2 | 30 MN | 3MA | TIG | SG I | BF167 |  | 0 |
| EF271 | NS | 1072 | LCE | 30 V | 30 V | 4 V | 50 MA | 200C | 25 cmkF | 450 N | 30 mN | 10 mA | TIA | SGI | BF173 |  | 0 |
| 8F 273 | $\mathrm{n} \leq$ | 1010t | L18 | 25 v | 25 V | 4 V | 5 Cma | 125C | 200 NWF | 400M OR6 | 35 MN | IMA | FVG | SGI | EF200 |  | 0 |
| BF 273 C | NS | T010t | LiE | 25 V | 25 V | 4 V | 50 MA | 1250 | 200 MWF | $400 \mathrm{M} \mathrm{OR6}$ | 70／120 | 1 MA | FVG | SGI | BF 200 |  | 0 |
| BF 2730 | ns | 10166 | 118 | 25 V | 25 V | 4 V | 50 MA | 1256 | 200 MmF | 4 CON OR6 | 35／75 | 1 ma | FVG | SGI | BF 200 |  | 0 |
| EF274 | ns | T0106 | 118 | 25 V | $25 v$ | 4 V | 50 MA | 125 | 200 MWF | 400 N OR 6 | 70 MN | 1 MA | TIA | SGI | BF173 |  | 0 |
| BF274B | NS | 10106 | L18 | 25 V | 25v | 4 V | 5 CMA | 1250 | 20 CMFF | 400N CR6 | 100 mN | 1 MA | FRH | SGI | BF173 |  | 0 |
| 8F274C | $\wedge \leq$ | 10106 | 418 | 25 V | 25 V | 4 V | 5 CMA | 125C | 200MWF | 4 COM 026 | 70／120 | 1 MA | TIA | SCI | 8F173 |  | 0 |
| BF 287 | AS | 1012 | L06 | 40 V | 40 V | 4V | 20 MA | 2006 | 250 MWF | 400 MOR 42 | 40 MN | 2 MA | FVG | SGI | BF 200 |  | 0 |
| EF288 | NS | 1072 | LC6 | 40 V | 40 V | 4 V | 20 MA | 2000 | 250 MWF | $250 \mathrm{NOR48}$ | 65NN | 1 ma | FVG | SGI | BF200 |  | 0 |
| EF 290 BF 291 | NS | 1072 1018 | L06 | 40 V 50 V | $4 \mathrm{4ov}$ | 4 V 5 V | 20NA | 200 C 2 COC | 250 MWF 36 CNWF | 700NOR42 <br> 260 M <br> 1 | 50 MN $60 / 300$ | 3 MA 10 MA | ruo | SGI | BF183 BFX93 | 2N918 | 0 |


| TRANSISTOR NUMBER | $\begin{gathered} \text { PM } \\ \text { OA } \\ \text { LT } \end{gathered}$ | PACK- | $\left.\begin{array}{\|l\|} \text { LEAD } \\ \text { INFO } \end{array} \right\rvert\,$ | $\begin{aligned} & \text { VCB } \\ & \text { MAX } \end{aligned}$ | $\begin{gathered} \text { VCE } \\ \text { MAX } \end{gathered}$ | $\begin{aligned} & \text { VEB } \\ & \text { MAX } \end{aligned}$ | ${ }_{\operatorname{MAX}}^{\mathbf{C}}$ |  | тот | $\begin{array}{ll} F & C_{0 B} \\ \text { MIN } & \text { MAX } \end{array}$ | $H_{F E}$ | $\begin{gathered} \mathrm{H}_{\mathrm{FE}} \\ \mathrm{BIAS} \end{gathered}$ | USE | MFR | $\begin{aligned} & \text { EURO } \\ & \text { EQVT. } \end{aligned}$ | $\begin{aligned} & \text { USA } \\ & \text { EQVT. } \end{aligned}$ | ISS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| BF291A | AS | 1018 | LCl | 50 V | 4 CV | 5 V | 100mA | 200C | 360 MHF | 260M 3P5 | 60 MN | 10 ma | VLA | SG I | BFX93 | 2N918 | 0 |
| EF2918 | NS | 1018 | LO1 | 50 V | 40 V | 5 V | 100ma | 200 C | 360 MmF | 260 N 3 P 5 | 100 mN | 10 MA | VLA | SGI | BFX93 | 2N918 | 0 |
| BF292 | NS | 1039 | L04 | 220 V | 220 V | 5 V | 300 MA | 200C | 800 MmF | $30 \mathrm{M} \mathrm{12P}$ | 30 NN | 10 Ma | TVH | SGI | BF258 |  | 0 |
| BF 292 A | NS | 1039 | LO4 | 150 V | 150 V | $5 . v$ | 100 ma | 200 C | 800 MWF | 30M 12P | 30MN | 10 MA | TVM | SG I | BF257 |  | 0 |
| 8F2928 | As | 1039 | LC4 | 190 V | 190 V | 5 V | 100 ma | 200C | 800 MHF | 30M 12P | 30 MN | 10 ma | TVH | SG I | BF258 |  | 0 |
| BF2S2C | AS | 1039 | 104 | 220 V | 220 V | 5 V | 300 ma | 200 C | 800 MhF | 30N 12P | 30 MN | 10 ma | TVH | SGI | BF258 |  | 0 |
| BF 293 | NS | 1018 | 1 Cl | 50 V | 45 v | 5 V | 50 MA | 200C | 36 CMWF | 250M 3P5 | 50/300 | 10 MA | VLA | SG I | BSW64 | 2N2222A | 0 |
| BF 2934 | NS | 1018 | 101 | 50 V | 45 v | 5 V | 50 MA | 200C | 360 MwF | 190M 5P4 | 170 TP | 10 MA | VLA | SGI | BSW64 | 2N2222A | 0 |
| BF2930 | NS | 1018 | 101 | 50 V | 45 v | 5 V | 50ma | 200C | 360 MHF | 190M 5P4 | l00tp | 10 mA | VIA | SGI | BSW64 | 2N2222A | 0 |
| 8F294 | AS | 1039 | 104 | 16 CV | 160 V |  | 100 mA | 200 C | 800 MWF | 40M 3P5 | 30 MN | 10 MA | IVN | SGI | BF257 |  | 0 |
| BF297 | NS | $\times 10$ | L2C | 160 V | 160 V | 5 V | 100 ma | 150 C | 625 MmF | 95N 10P | 30/150 | 30 MA | IVM | Ith | BF257 |  | 0 |
| BF 298 | NS | $\times 10$ | 120 | 250 V | 250 V | 5 V | 100 MA | 150 C | 625 MWF | 95 M 10P | 30/150 | 30 ma | TVH | 11w | BF258 |  | 0 |
| BF299 | NS | $\times 10$ | L2C | 300 V | 300 V | 5 V | 100ma | 150C | E 25 MWF | 95M 10 P | 30/150 | 30 MA | TVE | TW | BF259 |  | 0 |
| EF 302 | NS | 1072 | L51 | 40 V | 30 V | 4 V | 50 Ma | 1756 | 150 MwF | 325 MOR 38 | 35/125 | 1 Ma | TIG | ATI | BF167 |  | 0 |
| EF303 | ns | 1072 | 151 | 40 V | 30 V | 3 V | 50 ma | 175 C | 150 MWF | 250 MOR 38 | 110 MN | 1 MA | FRH | ATI | 8F184 |  | 0 |
| BF 304 | NS | 1072 | 151 | 40 V | 30 V | 4 V | soma | $175 C$ | 15 CMWF | 250MOR 25 | 35/12C | 1 MA | FRM | SGI | BF167 |  | 0 |
| BF 305 | NS | 105 | 104 | 180 V | 150 V | 5 V | 50 MA | 200C | 600 MHF | 50 M 3 P 5 | 20 MN | 30 MA | TVM | ATI | BF 257 |  | 0 |
| BF 306 | AS | 1072 | L51 | 40 V | 25 V | 4V | 25 MA | 1756 | 175 MWF | 500M0P23 | 3 mmN | 7 MA | TIA | AT 1 | BF173 |  | 0 |
| EF308 | NS | 1072 | ᄂ51 | 40 V | 35v | 4 V | 50 ma | 175C | 150 MWF | 800MOP25 | 40 mN | 1 MA | ULA | SGI | BFY90 | 2N 2857 | 0 |
| 8F309 | NS | 1072 | 151 | 40 V | 35 v | 4 v | Sona | 175C | 150 MWF | 800 MOP 25 | 75 MN | 1MA | ULA | SGI | BFY90 | 2N2857 | 0 |
| BF310 | NS | $\times 10$ | 120 | 30 V | 30 V | 4 V | 25 MA | 150 C | 300 MWF | 275M 1P6 | 2 gmN | 4 MA | ila | SID | BF173 |  | 0 |
| 8F311 | AS | $\times 10$ | 419 | 35 v | 25 V | 4 V | 4 cma | 140 C | 350 MhF | 375M OR 7 | 40 MN | 15 MA | TIA | TFK | BF 173 |  | 0 |
| 8F314 | AS | $\times 10$ | 12 C | 30 V | 30 V | 4 V | 25 MA | 150C | 300 MWF | 225M0226 | 29MN | 4 MA | FVG | TFK | BF200 |  | 0 |
| BF 220 | FE |  |  |  |  |  |  |  |  |  |  |  | FET | 118 |  |  | 0 |
| EF 321 A | NS | 10106 | 117 | 30 V | 20 V | 5 V | 30NA | 125C | 300 MmF |  | 60/100 | IMA | FRH | SES | BF200 |  | 0 |
| BF 3218 | NS | T0106 | 117 | 3 CV | 2 OV | 5 V | 3 cma | 1250 | 300 MWF |  | 85/135 | 1 MA | FRH | SES | BF200 |  | 0 |
| EF321C | NS | 10106 | 117 | 30 V | 20 V | 5 V | 30 MA | $125 C$ | 300 MhF |  | 110 NN | 1 MA | FRH | SES | BF200 |  | 0 |
| BF 3210 | AS | 10106 | 117 | 30 V | 20 V | 5 V | 30 MA | 125 C | 30 CMWF |  | 145 NN | 1 MA | FRH | SES | BF200 |  | 0 |
| BF321E | NS | 10106 | 117 | 3 Cv | 20 V | 5 V | 30 ma | 125C | 300 MWF |  | 190 MN | 1 MA | FRH | SES | BF200 |  | 0 |
| BF 321 F | NS | TC106 | $L 17$ | 30 V | 20 V | 5 V | 30 MA | 125 C | 300 MmF |  | 250 mN | 1 MA | FRH | SES | BF200 |  | 0 |
| BF322 | NS | TC39 | LC4 | 30 V | 25 v | 3 V | 500 ma | 1756 | 400 NwF | 150~ 12P | 30 MN | 10 Ma | RLC | IIB | 8SW34 | 2N2219A | 0 |
| BF 323 | PS | 1039 | 104 | 30 V | 25 V | 3 V | 600 Mw | $175 C$ | 400 MWF | 150N 12P | 30 MN | 10 MA | RLG | TIB | BF×29 | 2N2905 | 0 |
| BF 324 | PS | $\times 10$ | L20 | 30 V | 30 V | 4 V | 25 Na | 150 C | 250 MWF | 350N OP 1 | 25/160 | 4 MA | FVG | Ite | BF200 |  | 0 |
| BF 325 | AS | $\times 10$ | 120 | 50 V | 40 V | 4 V | 50 NA | 150C | 250 MWF | $350 M O R 58$ | 25 MN | gMa | FVG | 110 | BF 200 |  | 0 |
| BF 329 | NS | $\times 09$ | L11 | 40 V | 30 v | 4 V | 50 MA | 1256 | 250 MWF | 365MOR 32 | 35 MN | 1 MA | IIG | ATI | BF 167 |  | 0 |
| BF 330 | AS | $\times 09$ | 111 | 40 V | 25 V | 4 V | 25 NA | 125 C | 250 MkF | 500N0R46 | 38 MN | 7 MA | TIA | ATI | 8F173 |  | 0 |
| BF 332 | NS | $\times 09$ | L11 | 30 V | 20 V | 5 V | 30 MA | 125 C | 250 MWF | 300N 1R7 | 66/220 | 1 MA | FRH | ATI | BF184 |  | 0 |
| BF 3328 | NS | $\times 09$ | 111 | 30 V | 20 V | 5 V | 30 Na | 125C | 250 MWF | 300 M 197 | 105 MN | 1 Ma | FRH | ATI | BF184 |  | 0 |
| BF333 | AS | $\times 09$ | 111 | 30 V | 20 V | 5 V | 30 ma | 1250 | 250 MWF | 200M 127 | $36 / 120$ | 1 MA | FRM | AT I | BF185 |  | 0 |
| 8F333C | AS | $\times 09$ | 111 | 30 V | 20 V | 5 V | 30 MA | 1256 | 250 MHF | 200M LR7 | $69 / 120$ | 1 Ma | FRH | ATI | BF184 |  | 0 |
| EF333C | NS | $\times 09$ | 411 | 30 V | 20 V | 5 V | 30 Na | 125 C | 250 MmF | 200n 1R7 | 36/74 | 1 MA | FRM | ATI | BF185 |  | 0 |
| BF 334 | AS | $\times 09$ | L11 | 40 V | 30 V | 4 V | 25 MA | 125 C | 250 NWF | 215M 2R0 | 65/220 | 1 MA | FRH | VAL | BF184 |  | 0 |
| 8F 335 | NS | $\times 09$ | L11 | 40 V | 3 cv | 4 V | 25 MA | 125C | 250 MWF | 185M 2RC | 35/125 | 1 ma | FRM | val | BF 185 |  | 0 |
| BF 336 | as | 1039 | LC4 | 185 V | 180 V | 5 V | 100 NA | 2006 | 800 MhF | 80N 6P | 20 NN | 30 Na | TVH | MUE | BFR258 | 2N4927 | 0 |
| 8F337 | AS | 1039 | 1.4 | 300 V | 225 v |  | 100ma | 200 C | 800 MWF | 80N 6P | 20MN | 30 NA | TVE | MUB | BF259 | 2N4927 | 0 |
| BF 338 | NS | 1039 | 104 | 250 V | 200 V |  | 100Na | 200 C | 80 CMhF | 80M 6P | 20 ma | 3 CMA | TVH | MUB | BF258 | 2N4927 | 0 |
| BF 339 | PS | $\times 10$ | 119 | 25 V | 18 v | 4 V | 25 MA | 150 C | 250 MWF | 250M1P75 | 30 MN | 2 Na | FRM | 110 |  |  | 0 |
| BF 344 | AS | 1018 | L57 | 3 Cv | 20 V | 4 V | 50 MA | 1750 | 150 MWF | 250M 1R7 | $90 / 220$ | 1 MA | FRH | ATI | BF184 |  | 0 |
| BF345 | NS | 1018 | 157 | 3 cv | 20 V | 4 V | 50 MA | 1756 | 15 CMWF | 250 N 1R7 | 40/115 | 1 MA | FRM | ATI | BF185 |  | 0 |
| EF346 | FE |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| BF 347-48 | FE |  |  |  |  |  |  |  |  |  |  |  | FET | tie |  |  | 0 |
| EF350 | FE |  |  |  |  |  |  |  |  |  |  |  | $\left\lvert\, \begin{aligned} & \text { FET } \\ & \text { FET } \end{aligned}\right.$ |  |  |  | 0 |
| EF351 | FE |  |  |  |  |  |  |  |  |  |  |  | FET |  |  |  | 0 |
| EF353 | FE |  |  |  |  |  |  |  |  |  |  |  | FET |  |  |  | 0 |
| EF354 | FE |  |  |  |  |  |  |  |  |  |  |  | FET |  |  |  | 0 |
| BF 357 | NS | $\times 10$ | Líc | 30 V | 15 v | 3 v | 5 CMA | 150 C | 200 MmF | 800N 3 P | 20Nn | 5 Ma | ULA | IIk | BFY90 | 2N2857 | 0 |
| BF357K | $\wedge 5$ | 1092 | L01 | 30 V | 15 v | 3 V | 50 Na | $150 C$ | 200 MmF | 1200 N 1R7 | 20 mN | 5 MA | TUG | IIW | BFY30 | 2N2857 | 0 |
| BF 366 | NS | 1092 | L14 | 30 V | 30 V | 3 V | 25 MA | 135 C | 31 CNWF | 400 M | 15 MN | 3 MA | FVG | MOB | BF200 |  | 0 |
| BF 367 | NS | 1092 | L13. | 40 V | 30 V | 4 V | 25 MA | 135 C | 310 MWF | 301MOR44 | 271200 | 4 MA | FVG | MCB | RF200 |  | 0 |
| BF 368 | NS | 1092 | 121 | 25 V | 15 V | 4 V | 5 CMA | 1350 | 310 MWF | $250 \mathrm{MOR1}$ B | 25/125 | 1 Ma | FVE | MOS | BF 200 |  | 0 |
| 8F 368 K | NS | 1092 | 116 | 25 v | 15 V | 4 V | 50 MA | $135 C$ | 31 CNMF | $250 \mathrm{NOR18}$ | 25/175 | 1 NA | FVG | MOE | BF200 |  | 0 |
| $8 F 369$ | NS | 1092 | L21 | 30 V | 20 V | 4 V | 50 Na | 135 C | 31 CmWF | 400N0R18 | 70/220 | 1 MA | FVG | MOR | BF200 |  | 0 |
| 9F369K | AS | 1092 | L16 | 30 V | 20 V | 4 V | 5 CNA | 135 C | 310 MiF | 400M OR 18 | 70/220 | 1MA | FVG | NOB | BF200 |  | 0 |
| 3F 371 | NS | 1092 | 113 | 40 V | 30 V | 4 V | 100 MA | 135 C | 310 MWF | 500MOR46 | 40MN | 7MA | IIA | MOB | BF 173 |  | 0 |
| 8 F373 | $n s$ | T092 | L1t | 40 V | 30 V | 4 V | 100 MA | 135C | 500 MWF | 300N OR6 | 40 MN | 7MA | Tra | MOB | BF173 |  | 0 |
| BF377 | NS | $\times 10$ | Líc | 30 V | 15 V | 2 V | 25 MA | 150C | 30 CNWF | 500 N 122 | 25 NN | 2 Ma | TU0 | IFK | BF183 |  | 0 |
| BF 378 | NS | $\times 10$ | L19 | 30 V | 15 V | 2v5 | 25 MA | 150C | 300 MmF | 500M OR9 | 25 MN | 2 MA | TU0 | IFK | BF183 |  | 0 |
| EF375 | PS | $\times 10$ | L20 | 40 V | 25 V | 4 V | 25NA | 150C | 300 MWF | 26 MOOR 33 | $801 P$ 40 MN | 10 MA 10 MA | FVG | TFK MOB |  |  | 0 |
| BF 380 | NS | $\times 17$ | 135 | 18 CV | 180 V | 8 V | 14 | 150 C | 1WF | 50 M | 40 MN | 10 MA | TVH | MOB | BF258 |  |  |
| BF381 | NS | $\times 17$ | 135 | 250 V | 250 V | 8 V | 1 A | 150C | 1 hF | 60N | 40 NN | 10 ma | TVH | MOE | $8 F 258$ |  | 0 |
| BF 382 | NS | $\times 17$ | 135 | 30 CV | 300 v | 8 V | 1 A | 150C | 1WF | 60 M | 40 MN | 10 Na | TVE | NOB | BF259 |  | 0 |
| BF 384 | NS | $\times 10$ | 419 | 30 V | 20 V | 5 V | 30 Na | 150C | 250 MwF | 400 M 125 | 75/750 | 1 MA | FRH | 110 | BF 194 |  | 0 |
| EF385 | NS | $\times 10$ | 119 | 30 V | 20 V | 5 V | 3 CMA | 150 C | 250 MWF | 4 COM 125 | 34/140 | 1 MA | FRH | TID | 8F185 |  | 0 |
| EF387 | ns | 105 | 104 | 10 cV | 100 v | $5 v$ | 100MA | 2006 | 600 MWF | 60N 3R 5 | 30MN | 15 MA | TVN | ATI | 8F257 |  | 0 |
| EF 388 | NS | 105 | LC4 | 150 V | 1204 | 5 V | 100 NA | 200C | 60 CMWF | 60N 3R5 | 30 NN | 15 MA | IVM | ATI | BF257 |  | 0 |
| BF 3898 | AS | 105 | LC4 | 220 V |  | 5 V | 100 Na | 200 C | 600 MWF | 60M 325 | 20 MN | 2 CMA | TVE | ATI | BF258 |  | 0 |
| BF 389 C | NS | 105 | 104 | 250 V |  | 5 V | 100 MA | 200C | 600 NWF | 60M 32 L 5 | 20 MN | 20 MA | TVH | ATI | BF258 |  | 0 |
| EF 390 BF394 | NS | 105 1092 | L.C4 | 300 V 30 V | 30 y | 5 V 4 V | 100 ma <br> 50 ma | 200C | 600 MWF 310 MWF |  | 20 NN 65 NN | 20 MA <br> 1 MA | TVE | A TI | BF259 BF184 |  | 0 |



| TRANSISTOR NUMBER | $\begin{gathered} \text { PM } \\ \text { OA } \\ \mathbf{L T} \end{gathered}$ | PACK- | $\begin{aligned} & \text { LEAD } \\ & \text { INFO } \end{aligned}$ | $\begin{aligned} & \text { VCB } \\ & \text { MAX } \end{aligned}$ | $\begin{aligned} & \text { VCE } \\ & \text { MAX } \end{aligned}$ | VEB <br> MAX | ${ }_{\text {MAX }}^{\mathbf{c}}$ | $\stackrel{T}{\mathrm{~J}} \underset{\mathrm{MAX}}{ }$ | тот | $\begin{array}{ll} F & C_{0 B} \\ \text { MIN } & \text { MAX } \end{array}$ | $\mathbf{H E}_{\text {FE }}$ | $\begin{gathered} \mathrm{H}_{\mathrm{FE}} \\ \mathrm{BIAS} \end{gathered}$ | USE | MFR | $\begin{aligned} & \text { EURO } \\ & \text { EQVT. } \end{aligned}$ | $\begin{aligned} & \text { USA } \\ & \text { EQVT. } \end{aligned}$ | ISS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| BF539 | NS | $\times 12$ | 127 | 60 V | 45 v | 5 V | 500~ma | 175C | 350 MHF | 150M 5P | 40/120 | 10 ma | AMG | FEE | BFS38 | NIL | 0 |
| 8FS40 | PS | +12 | 127 | 45 V | 35 V | 5 V | 500 ma | 175C | 350 MWH | 150M 5P | 100m | 10 MA | AMG | FEB | BFS40 | N1L | 0 |
| BFS40A | PS | +12 | 127 | 25 V | 25 v | 5 V | 500 mA | $175 C$ | 350 MWH | 150M 5P | 50/300 | 10 MA | AMG | FEB | BFS40 | N1L | 0 |
| BFS 41 | PS | +12 | 127 | 45 V | 45 V | 5 V | 500mA | 175C | 350 MWH | 150 N 5 P | 40/120 | 10 MA | AMG | FEB | BFS40 | N1L | 0 |
| BFS4.2 | NS | $\times 12$ | 127 | 60 V | 30 V | 5 V | 14 | 175C | 35 CMWF | 60 N 25 P | 40/120 | 15 MmA | RMG | FEB | BFS43 | NLL | 0 |
| BF543 | NS | $\times 12$ | 127 | 60 V | 60 V | 5 V | 1 A | 175 C | 350 MWF | 60M 25P | 60/200 | 150 MA | RNG | FEB | BF 543 | N1L | 0 |
| BFS44 | PS | $\times 12$ | 127 | 60 V | 304 | 5 v | 1 A | 1756 | 350 MWF | 60M 25P | 40/120 | 150 MA | RMG | FEB | BFS45 | N1L | 0 |
| BFS 45 | PS | +12 | 127 | 60 V | 60 V | 5 V | 1 A | 175C | 350 MHF | 60 N 25 P | 60/200 | 150 MA | RMG | FEB | BFS45 | N1L | 0 |
| BFS 46 | NS | +12 | L27 | 30 V | $15 v$ | 3 v | 500 mA | 175C | 350 MWH | $600{ }^{\text {N } 1 \text { P7 }}$ | 20 MN | 3 MA | VLA | FEB | BFS46 | NIL | 0 |
| BFS46A | NS | +12 | L27 | 30 V | 15 v | 3 v | 500 MA | 175C | 350 MWH | 600 M 1P7 | 20 mN | 3 MA | VLA | FER | BFS46 | NLL | 0 |
| BFS50 | NS | 1039 | 104 | 36 V | 18 v | $3{ }^{5} 5$ | 400MA | 200C | 2750 NWC | 600M 4P5 | 10 MN | 120 MA | UNP | TFK |  |  | 0 |
| EFS51 | NS | 1039 | LC4 | 40 V | 20 V | 4 V | 750MA | 2006 | 5 WC | 450N 15P | 15 MN | 500 MA | VHP | TFK |  |  | 0 |
| BFS59 | ns | $\times 11$ | $L 23$ | 60 V | 30 V | 5 V | 1 A | 125C | 50 CNWF | 150M 15P | 40/300 | 150 NA | AMG | FEE | BC387 | 2N4401 | 0 |
| BFS60 | NS | $\times 11$ | L23 | 60 V | 40 v | 5 V | 1 A | 125C | 50 cmwf | 150 M 15 P | 100mN | 150 mA | AMG | FEB | BC387 | 2N4401 | 0 |
| BF 561 | $N \leq$ | $\times 11$ | 123 | 80 V | 60 V | 5 V | 1 A | 125 C | 50 CMWF | $150 \mathrm{M} \mathrm{15P}$ | 40/160 | 150NA | AMG | FE | BC 387 | 2N4401 | 0 |
| EF562 | NS | 1072 | 151 | 40 V | 25 V | 4 V | 25 MA | 175 C | 200 MWF | 580 NOR33 | 3 5MN | 7 MA | VLA | TFK |  |  | 0 |
| BFS85 | PS | +12 | L27 | 25 V | 12 V | 2 V | 500 MA | 175C | 35 CNWH | 1G 1P9 | 25/150 | 2 MA | ULA | FEB | BFS88 | N1L | 0 |
| EFS 88 |  | +12 | 127 | 30 V | $15 v$ | 2 V | 500 mA | 175 C | 350 MWH | $1 \mathrm{G} 1 \mathrm{1P9}$ | 25/150 | 2 MA | ULA | FEB | BFS88 | N1L | 0 |
| BFS92 | PS | 105 | 104 | 100 V | 60 v | 6 V | 1 A | 200 C | 800 MWF | 40 M 20P | 30 MN | 150 MA | AMH | MUB |  | N4929 | 0 |
| BFS9 3 | PS | 105 | LC4 | 100 V | 60 V | 6 V | 1 A | 200C | 800 MWF | 40 M 20 P | 70 MN | 150NA | ANH. | MLB |  | 2N4929 | 0 |
| 8F594 | PS | 105 | 104 | 80 V | 40 V | 6 V | 1 A | 200c | 800 MWF | 40 N 20 P | 40 MN | 150 MA | AMG | MUB | BFS95 | 2N4036 | 0 |
| BFS95 | PS | 105 | 104 | 80 V | 40 V | 6 V | 1 A | 200C | 80 CNWF | 40 N 20 P | 70 MN | $15 \mathrm{cNa}^{\text {a }}$ | AMG | Mue | BFS95 | 2N4036 | 0 |
| BF S96 | PS | $\times 11$ | 123 | 60 V | 30 V | 5 V | 14 | 125C | 500 MWF | $150 \mathrm{M} \mathrm{15P}$ | 40/300 | 150NA | $A^{\prime N G}$ | FEB | BC388 | 2 N 4403 | 0 |
| BFS97 | PS | $\times 11$ | 123 | 60 V | 30 V | 5 V | 1 A | 125C | 500 MWF | 150M 15P | 100 ma | 150 NA | AMG | FEB | EC 398 | 2 N 4403 | 0 |
| BFS 8 | PS | $\times 11$ | 123 | 80 V | 60 V | 5 V | 1 A | 125C | 500 MWF | 150M 15P | 40/160 | 150NA | AMH | FES | BC388 | 2N4403 | 0 |
| EFS99 | NS | 1018 | LOL | 120 V | 90 v | 5 V | 100NA | 175 C | 300 MWF | 1 CON 9 P | 20 MN | 20 ma | ALH | ATI | BC394 | 2N4390 | 0 |
| BF139 | NS | 1039 | L04 | 90 V | $80 v$ | sv | 1 A | 2 COC | 800 NWF | 100M 10P | 50 MN | $10 \mathrm{CNA}^{\text {a }}$ | RMG | 118 | BSW54 | 2N2219A | 0 |
| BF 140 | NS | 1039 | 104 | 70 V | 60 v | 5 V | 1 A | 200 C | 800 MWF | 100M 10 P | 75 M | 100 N | RNE | 11 | BSW54 | 2N2219 | 0 |
| BFT41 | ns | 1039 | L04 | 60 V | 50 V | 5 V | 14 | 200C | 800 MmF | 100 10 P | 100 NN | 100 MA | RN | T IB | BSW54 | 2N2219 | 0 |
| BFT47 | AS | 1039 | L04 |  | 16 CV |  |  | 2 COC | 5HC | 50 M | 25 MN | 30 MA | TVM | SEU | BF 257 |  | 0 |
| BF 148 | NS | 1039 | 104 |  | 250 V |  |  | 200 C | 5 wC | 50 N | 25 NN | 3 CMA | TVH | SEU | BF258 |  | 0 |
| 8FT49 | AS | TC39 | LC4 |  | 300 V |  |  | 200 C | 5WC | 50 M | 25 MN | 3 CMA | TVE | SEC | BF259 |  | 0 |
| BFT60 | PS | 1039 | LC4 | 80 V | 35 V | 6 V | 14 | 200C | 800 NWF | 60M 8P | 50 MN | 150 MA | $A^{\prime} \mathrm{C}$ C | TIB | BFS95 | 2N4036 | 0 |
| BFT61 | PS | 1039 | LC4 | 60 V | 30 V | 5 V | 1 A | 200C | 80 CMWF | $60 \mathrm{~N} \mathrm{8P}$ | 40 MN | 150 MA | AMG | T1E | BFS95 | 2N4036 | 0 |
| EFT62 | PS | 1039 | 104 | 40 V | 20 V | 6V | 1 A | 200C | 800 MWF | $60 \mathrm{~N} \mathrm{8P}$ | 60 MN | 150 MA | AMG | 118 | BFS45 | 2N4036 | 0 |
| BFT79 | PS | 1039 | 104 | sov | 8 cv | 5 V | 14 | 200C | 800 MwF | 100 M 10 P | 50 mN | 1 Con A | RMG | IIE | BFS93 | 2N4037 | 0 |
| BFTBO | PS | 1039 | LC4 | 70 V | 60 v | 5 v |  | 200C | 800 MWF | 100M 10P | 75 MN | 100*A | RNG | TIB | BFS 93 | 2N4037 | 0 |
| BFT31 | PS | 1039 | 104 | 60 V | 50 V | 5 V |  | 200C | 800 NWF | 100 10 P | 100MN | 100 Ms | RMG | IIB | BFS95 | 2N4036 | 0 |
| efvgoa | NS | 105 | 104 | 70 V | 50 v | 5 V | 800 ma | 200 C | 800 MhF | 300N 10P | 100 MN | 150 MA | VMG | T18 | BSW54 | 2N2219 | 0 |
| BFV908 | NS | T05 | 104 | 70 V | 50 V | 5 V | 1 A | 200 C | 1 WF | 300 N 10P | 40 NN | 150 mA | VMG | TI8 | BSW34 | 2N 2219 | 0 |
| BF | FE |  |  |  |  |  |  |  |  |  |  |  | FET | MLB |  |  | 0 |
| BF | FE |  |  |  |  |  |  |  |  |  |  |  | FET | MLE |  |  | 0 |
| EFW16A | NS | 105 | L04 | 40 V | 25 V |  | 300 ma | 2000 | 1500 NWC | 600 N | 25 MN | 150 MA | UMP | MUB |  |  |  |
| EFh17A | NS | 105 | $1 \mathrm{LC}_{4}$ | 40 V | 25 V |  | 300 mA | 200 C | 150 CNWC | 550 N | 25NN | 150 MA 1 MA | VMP | NUE |  |  | 0 |
| BF620 | pS | 1018 | LCl | 60 V | 60 v | 6 V | 100 ma | 200C | 360 MWF | $40 \mathrm{M} \mathrm{6P}$ | 100 mN | 1 MA | ALN | TIB | 8 CY 71 | 2N3965 | 0 |
| BFW21 | PS | 1018 | 101 | 8 CV | 8 cv | 6 V | 100ma | 200 C | 360 NWF | 40M 6P | 100ma | 1 MA | ALN | 118 | BCr70 | 2N3965 | 0 |
| EFW22 | PS | 1018 | 101 | 45 V | 45 v | 6 V | 100 MA | 200 C | 360 NmF | 50 N 6P | 250 mN | 1 MA | ALN | IIB | BCY70 | 2N3965 | 0 |
| BFW23 | PS | 1018 | LCl | 60 V | 60 V | 6 V | 100 Na | 200 C | 36 CMH | 50 N 6P | 250 MN | 1 MA | aln | T18 | BCY70 | 2N3965 | 0 |
| BFw24 | ns | 1039 | LC4 | 100 V | 60 V | $7 v$ | 1 A | 200 C | 800 MWF | 60 M 25 P | 40 MN | 15 CNA | AMG | MCU | BFX85 | 2N1893 | 0 |
| BFW25 | NS | 1039 | 104 | 80 V | 40 V | $7 v$ | 1 A | 200C | 800 MWF | 70 M 75 P | 100 NN | 15 cma | AMG | mou | 8FY51 | 2N2297 | 0 |
| AFh26 | NS | 1039 | 104 | 80 V | 40 V | $7 v$ | 1 A | 200C | 800 NWF | 60M 25P | 40 mN | 150 NA | AMG | MOU | BFY5 1 | 2N2297 | 0 |
| EFb3C | NS | 1072 | LCE | 20 V | 10 V |  | 100 mA | 2006 | 25 CNWF | 800* | 25 MN | 5 MA | ULA | Mue |  |  | 0 |
| BFW31 | PS | 1018 | LOI | 50 V | 30 V | 5 V | 700 MA | 150C | 500 MWF | 12 P | 70 MN | 100 ma | $A^{\prime N}$ | 1 I | BSW24 | 2N2907A | 0 |
| BFW32 | AS | 1018 | LCl | 50 V | 30 V | 5 v | 700 NA | 150C | 500 MWF | 12 P | 70 MN | 10 cma | AMG | TIB | BSW24 | 2N2907A | 0 |
| BFW33 | AS | 1039 | L04 | 120 V | 80 V | 7 V | 500 MA | $200 C$ | 800 NWF | 50 M 15P | 40 MN | 150 Na | ANH | 118 | BF×85 | 2N1893 | 0 |
| BFW 34 | n S | 1039 | 104 | 50 V | 30 V | 6 V | 200 ma | 200 C | 600 NmF | TON 10 P | 40 NN | 6MA | AMA | LTt | BFY5 1 | 2N2297 | 0 |
| BFW35 | NS | 1039 | LC4 | 50 V | 30 V | 6 V | 200MA | 200C | 600 NWF | 70 M 10 P | 80 MN | 6NA | AMA | LIT | 8FY51 | 2N2297 | 0 |
| BFW43 | PS | 1018 | LCl | 1 bov | 150 v | 6 V | 100 MA | 200C | 400 MmF | 60M 7P | 40 MN | 10 MA | ALH | TIB |  | 2N4357 | 0 |
| BFW44 | PS | 1039 | 104 | 150 V | 150 V | 6 V | 100 MA | 2006 | 700 MWF | 60M 7P | 40 MN | 10 MA | ALH | SGI |  | 2N4358 | 0 |
| EFW54-56 | FE |  |  |  |  |  |  |  |  |  |  |  | FET | TIB |  |  | 0 |
| ef657 | NS | $\times 09$ | L1C | 80 V | 60 V | 6 V | 1 A | 125 C | 30 CMWF | 80 N 12 P | 80nn | 1 CONA | AMS | MUE | BFW57 |  | 0 |
| BFW's | AS | -09 | L1C | 80 V | 604 | 6 V | 14 | 125 C | 300 MWF | 80 M 12 P | 50 mN | $1 C^{\prime} \times$ | AMS | MUB | BFW57 |  | 0 |
| BFW59 | AS | $\times 09$ | LIC | 40 V | 35 v | 6 V | 14 | $125 C$ | 300 NWF | 90 M 12 P | 80 mN | 10 cma | AMS | MUB | BFW 57 |  | 0 |
| EFW60 | NS | ×09 | L1C | 40 V | 35 v | 6 V | 14 | 125 C | 300 MWF | RON 12P | 50 NN | 100 MA | AMS | MUE | BFW57 |  | 0 |
| EFW61 | FE |  |  |  |  |  |  |  |  |  |  |  | FET | MUB |  |  | 0 |
| BFWEC | NS | 105 | 104 | 50 V | 30 V | 6 V | 200ma | 150 C | 600 MkF | 70M 10P | 80 mN | 6MA | ALA | LTI | BFY51 | 2N 2297 | 0 |
| BFW87 | PS | - 09 | 1 c | 60 V | cov | 5 V | 500 Na | 1250 | 300 MWF | 100M 12 P | 80 MA | 150 mA | AMS | MUB | BFW87 |  | 0 |
| BFW8 8 | PS | $\times 09$ | LIC | 60 V | 60 V | $5 v$ | 500MA | 1256 | 300 NWF | 100M 12P | 40 MN | 150 MA | ANS | MUB | BFW87 |  | 0 |
| BFh89 | PS | -09 | LIC | 4 CV | 40 V | 5 V | 500 MA | $125 C$ | 30 CNWF | 100N 12 P | 80 mN | 150 mA | AMS | MUE | BFX87 |  | 0 |
| 8FW90 | - ${ }^{\text {S }}$ | x09 | L10 | 40 V | 40 V | 5 V | 500 NA | 125C | 300 MFF | 100N 12 P | 40 MN | 150 mA | AMS | MUA | BFW87 |  | 0 |
| 8FW91 | PS | $\times 09$ | L1c | 20 V | 2 cv | 5 V | 500ma | 125 C | 300 MWF | 100M 12 P | 40 MN | 150 MA | AMS | mue | BFW87 |  | 0 |
| BFh97 | NS | $\times 11$ | L23 | 30 V | 15 V | 3 V | 5 CNA | 125 C | 250 MwF | 600 N 1P 7 | 20 MN | 3 MA | VLA | FEE | BF×73 | 2N918 | 0 |
| BF×12 | PS | 1018 | L01 | 2 V | 15 V | 5 V | 100 MA | 2006 | 300 MWF | 150 ${ }^{\text {m }}$ P | 20 MN | 10 MA | Al A | TIB | BCY7 1 | 2N3965 | 0 |
| EF×13 | PS | 1018 | 1 Cl | 20 V | 15 V | 5 V | 100 MA | 175 C | 300 MmF | 150N 6 P | $40 / 200$ | 10 MA | RLS | 11 | BSW24 | 2N2907A | 0 |
| BFX17 | NS | 1039 | L04 | 60 V | 40 V | 6 V | 14 | 200C | 800 MmF | 250N 12 P | 35 MN | 100 ma | R MG | SGI | BSW54 | 2N2219A | 0 |
| $85 \times 29$ | PS | 105 | 104 | 60 V | 60 V | 5 V | gocma | 200 C | 600 MWF | 100M 12P | 50 MN | 10 MA | RMG | MUB | BFX29 | 2N2905A | 0 |
| BF $\times 30$ | PS | 105 | LC4 | 65 V | 65 V | 5 V | 600 mA | 200 C | 60 CMWF | 100N 12 P | 50 MN | 10 MA | RMS | MUE | BF $\times 29$ | 2N2905 | 0 |
| BF $\times 33$ | As | 1039 | 104 | 55 V | 30 V | 3 V 5 | 400 MA | 200 C | 2850 MWC | 480 M 225 | 25 MN | 80 MA | VMP | TFK |  |  | 0 |
| BF×34 | NS | 1039 105 | 104 | 120 V 120 V | 60 V | 6 V | 5 A | 200C | $8{ }^{87 \mathrm{CNWF}} \mathrm{5WC}$ | 70 Ml COP | $40 / 80$ $40 / 150$ | 2 A | AHH | SGI | BUY4 7 |  | 0 |


| TRANSISTOR NUMBER | $\begin{array}{\|c\|} \hline \mathbf{P M} \\ \mathbf{O A} \\ \mathrm{LT} \\ \hline \end{array}$ | PACKAGE | $\left\|\begin{array}{l} \text { LEAD } \\ \text { INFO } \end{array}\right\|$ | $\begin{aligned} & \text { VCB } \\ & \text { MAX } \end{aligned}$ | $\begin{array}{c\|} \text { VCE } \\ \text { MAX } \end{array}$ | $\begin{aligned} & \text { VEB } \\ & \text { MAX } \end{aligned}$ | $1$ MAX | $T$ MAX | TOT | $\begin{array}{ll} F_{T} & C_{0 B} \\ \text { MIN } & \text { MAX } \end{array}$ | $\mathbf{H E}_{\text {FE }}$ | $\begin{gathered} \mathrm{H}_{\mathrm{FE}} \\ \text { BIAS } \end{gathered}$ | USE | MFR | EURO EQVT. | USA EQVT. | ISS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| BF×35 | PS | 1018 | LCl | 2 CV | 15 V | 5 V | 100 mA | 200 C | 30 CNWF | 150M 8P | 50MN | 1 CMA | ALN | Mou | BCY7 1 | 2N3965 | 0 |
| BF $\times 37$ | PS | 1018 | LO1 | 60 V | tov |  | Soma | 200 C | 360 MmF | 40 M | 70/300 | 10UA | ALN | mub |  |  | 0 |
| BF $\times 38$ | PS | 1039 | $1 \mathrm{C4}$ | 55 V | 55 v | 5 v | 1 A | 200C | 800MWF | 100M 20P | 85MN | 100 Ms | RMG | TIB | BFS95 | 2N4036 | 0 |
| 8F×39 | PS | 1039 | L04 | 55 V | 55 V | 5 v | 14 | 200 C | 800 MWF | 100M 20P | 40 MN | 100 Ma | RMG | TIB | BFS95 | 2N4036 | 0 |
| EF $\times 40$ | PS | 1039 | LC4 | 75 V | 75 V | 5 V | 14 | 200c | 800 MWF | 100~ 20 P | 85 NN | 100 MA | RMg | SGI | BFS93 | 2N4037 | 0 |
| EF×41 | PS | 1039 | 104 | 75 V | 75 V | 5 V | 1 A | 200 C | 800 M WF | 100M 20P | 40 MN | 1 COMA | RMG | SGI | 8FS93 | 2N4037 | 0 |
| BF×5C | NS | 1018 | LCl | 80 V | 35 V | 6 V | 14 | 200C | 600 MWF | 60M 12P | 30 M | 150MA | AMG | RTC | BS $\times 33$ | 2N731 | 0 |
| BF× 51 | AS | 1018 | LO1 | 60 V | 30 V | 6 V | 1 A | 200C | 600 MwF | 50N 12P | 40 MN | 150 NA | AMG | RTC | BS $\times 33$ | 2N731 | 0 |
| 8F×52 | ns | T018 | LO1 | 40 V | 20V | 6 V | 1 A | 2006 | 600 MWF | 60N 12P | 60 MN | 150 MA | AMG | RTC | BS $\times 33$ | 2N731 | 0 |
| BF×65 | PS | 1018 | LCI | 45 V | 45 v | 6 V | 50 ma | 175C | 36 CNWF | 40M 6P5 | 100 MN | IMA | ALN | FCU | BC179 | 2N3965 | 0 |
| 8F $\times 68$ | $\wedge \leq$ | 1039 | 104 | 75 V | 30 V | $7 v$ | 1 A | 200C | 800 MWF | 70M 25P | 100mN | 150 Ma | amg | SG 1 | 8FY51 | 2N2297 | 0 |
| BF×68A | NS | 1039 | LC4 | 80 V | 40 V | 7 V | 1 A | 200 C | 800 MWF | 70M 20p | 100 mN | 150 Na | ANG | SG I | BFYS1 | 2N2297 | 0 |
| 8F×69 | NS | 1039 | L04 | 75 V | 30 V | $7 v$ | 1 A | 2006 | 800 NmF | 60N 25P | 40 NN | 150 MA | Ang | SGI | BFYS 1 | 2N2297 | 0 |
| BF×69A | NS | 1039 | 104 | 80 V | 40 V | 7 V | 14 | 200C | 80 CMWF | 60M 20P | 40 MN | 150 NA | amg | SGI | BFYS 1 | 2N2297 | 0 |
| 9F× 73 | As | 1072 | L06 | 30 V | 15 V | 3 V | 50 MA | 200C | 200 MWF | 600M 2P | 20MN | 3 MA | VLA | IIB | BFX 73 | 2N918 | 0 |
| BF×74 | PS | 1039 | 104 | 50 V | 35 V | 5 V | 60c\%A | 2006 | 600 MWF | 60 M 45 P | 30 MN | 150 MA | Ang | 118 | BFS95 | 2N4036 | 0 |
| BF×74A | PS | 1039 | 104 | 60 V | 60 V | 5 V | 600ma | 200C | 800 MWF | 100M 20P | 30 MN | 150MA | RMG | Ti8 | BF×29 | 2N2905A | 0 |
| EFX84 | NS | 105 | 104 | 100 V | 60 V | 6 V | 1 A | 2006 | 80 CNWF | 50 N 12 P | 30 mN | 15 CMA | AMG | Mue | BFY50 | 2N2297 | 0 |
| EF $\times 85$ | NS | 105 | L04 | 100 V | 60 V | 6 V | 1 A | 200C | 80 CMWF | 50 N 12 F | 70 MN | 150MA | AMH | MuB | B SW66 | 2N4001 | 0 |
| EF $\times 86$ | ns | 105 | LC4 | 40 V | 35 V | 6 V | 14 | 200C | 800 MWF | $50 \mathrm{M} \mathrm{12P}$ | 70 MN | 15 CMA | AMC | MUS | BF×85 | 2N2 297 | 0 |
| efx87 | PS | 105 | LC4 | 50 V | 50 V | 5 V | 600 MA | 2006 | 600 MmF | 100~ 12 F | 40 mN | 10 ma | AMg | MLB | $8 \mathrm{~B} \times 3 \mathrm{C}$ | 2N2905A | 0 |
| 8FX88 | PS | 105 | 104 | 40 V | 40 V | 5 V | 600 NA | 200C | 60 CNWF | 100~ 12P | 40 NN | 10 MA | AMG | MUB | BF×30 | 2N2905A | 0 |
| 8FX89 | NS | 1072 | 106 | 30 V | 15 V |  | 50 MA | 200C | 20 CNWF | 1100 M | 25/150 | 2MA | UL A | MLB |  |  | 0 |
| 8F×90 | PS | 1018 | LCl | 180 V | 180 V | 6 V |  | 200C | 40 CMWF | $40 \mathrm{M} \mathrm{7P}$ | 80 NN | 10 MA | ALH | SGI | BC 285 | 2N1990R | 0 |
| BF×92 | NS | 1018 | LC1 | 50 V | 45 v | 6 v | 30 NA | 175C | 300 MWF | $30 \mathrm{M} \mathrm{8P}$ | 40 MN | loua | ALN | TIH | BC 109 | 2N930 | 0 |
| BFX94 | NS | 1018 | 1 Cl | 6 CV | 3.0 V | 5 V | gocma | 175C | 50 CNWF | 250N 8F | 40 NN | 150 Na | ang | IIE | BSW64 | 2N2222A | 0 |
| EF $\times 95$ | NS | 1018 | LCl | 60 V | 30 V | 5 V | goona | 175 C | 500 MWF | 250N 8P | 100 MN | 150 mA | AMG | 119 | BSW64 | 2N2222A | 0 |
| BF×96 | AS | tcs | LC4 | 60 V | 3 OV | 5 V | 800Na | 175 C | 800 MWF | 250M 8P | 40 MN | 15 cma | RMS | TIB | BSW 54 | 2N2219A | 0 |
| BFX97 | NS | 105 | LO4 | 60 V | 3 CV | 5 V | 80 cma | 1756 | 800 MWF | 250M 8P | 100 mN | 150MA | RNS | 113 | BSW54 | 2N2219A | 0 |
| EFY18 | NS | 1018 | LC 1 | 60 V | 40 V | 3 V | 100NA | 1756 | 300 MmF | 200N 7P | 30 NN | 10NA | RLG | ITB | BSW64 | 2N2222A | 0 |
| efyls | NS | 1018 | LCl | 3 CV | 20 V | 5 v | 10 cma | 175C | 30 Cm mF | 300~ 78 | 50 MN | 1 CmA | RLE | 17 E | BSW64 | 2N2222A | 0 |
| 9FY34 | NS | 1039 | 104 | 75 V | 50 V | $7 v$ | 14 | 200 C | 80 CMWF | 60M 25P | 40 NN | 15 CMA | ANG | ATI | BFYSI | 2N 2297 | 0 |
| EFY37 | As | 1018 | LC1 | 25 V | 20 V | 5 V | locka | 175 C | 300 MWF | 200M 4P | 35 MN | 10 MA | RLE | 178 | BSW64 | 2N2222A | 0 |
| BFY39 | NS | 1018 | L01 | 45 V | 25 V | 5 V | 100MA | 1750 | 300 NWF | 100M 8P | 35MN | 10 mA | ALG | ITB | BC107 | 2N929 | 0 |
| BFY40 | NS | 105 | 1 C 4 | 60 V | 30 V | $7 v$ | 80 CmA | 200C | $800^{\mathrm{n} m F}$ | 40 N 20 P | 50 MN | 50 MA | $\triangle N G$ | TIB | BFY5 1 | 2N2297 | 0 |
| EFY45 | ns | TC39 | LC4 | 14 CV | 90 V | 5 v | 3 CMA | 2 COC | 70 CN | 100M 3P5 | 40 MN | 1 CMA | ALH | 510 | BF156 | 2N1990 | 0 |
| BFY5C | NS | 105 | 104 | 80 V | 35v | 6 V | 1 A | 2006. | 800 MWF | 60 M 12 P | 30 MN | 15 CNA | ANG | MUB | BFY50 | 2N1893 | 0 |
| bFY50E | as | 105 | 104 | 80 V | 40 v | 6 V | 14 | 200C | 800 M | 60 M 12 P | 44 MN | 150 NA | ANG | RTC | EfY51 | 2N2297 | 0 |
| BFY51 | AS | 105 | 104 | 60 V | 30 V | 6 V | 1 A | 2006 | 800 MWF | 50 12P | 40 MN | 150NA | AME | MUS | BFYS 1 | 2N2297 | 0 |
| efysz | NS | 105 | LC4 | 4 CV | 20 V | 6 V | 14 | 2006 | 80 CMhF | 50 N 12 P | 60 NN | 15cma | ANG | Mue | BFY5 1 | 2N2297 | 0 |
| BFY53 | NS | TC5 | LC4 | 40 V | 20 V | 6 V | 1 A | 2 COC | 800 MWF | 50 M 12 P | 30 mN | 15 CNA | AME | MUB | EFY51 | 2N2297 | 0 |
| BFY55 | ns | 103 | LC4 | 80 V | 35v | 7 V | 14 | 200 C | 800 MWF | 60P 12P | 40 MN | 150MA | ANG | R IC | 8FY51 | 2N2297 | 0 |
| BFY56 | NS | 1039 | LC4 | 80 V | 55 V | 7 V | 1 A | 200c | 800 MmF | 40 N 25 P | 30 NN | 150 Na | $A^{\prime N} \mathrm{G}$ | SGI | BFY5 1 | 2N2297 | 0 |
| BFY56A | AS | r039 | LC4 | 80 V | 45 V | 7 V | 1 A | 2000 | 800 NWF | 50N 25p | 40 NN | 150 AA | AMG | SGI | BFY5 1 | 2N2297 | 0 |
| BFY64 | PS | 105 | LC4 | 4 cV | 4 cv | 5 V |  | 200 C | 70 CNWF | 200M 10P | 80 MN | 1 CNA | RMG | MCB | BFX29 | 2N2905 | 0 |
| EFY65 | NS | 1035 | LC4 | 100 V | 20 V | $7 v$ | 100 Na | 1750 | 565 MWF | 50 M 15P | 50 mN | 10 NA | ALH | TFK | BF15t | 2N1990 | 0 |
| BFY67 | NS | 1039 | 104 | 75 V | 30 V | 7 V | 500 MA | 2006 | 800 WWF | S0N 25 P | 40 MN | 150 MA | AMG | $\checkmark$ AL | BFYS 1 | 2N2 297 | 0 |
| BFY68 | NS | r039 | LC4 | 75 V | 30 V | 7 V | 500 ma | 200 C | 800 MmF | 70~ 25 P | 100 N | 150 mA | ANG | VAL | BFY5 1 | 2N2297 | 0 |
| BFY74 | NS | T018 | LCl | 60 V | 45 v | 5 V | 100 ma | 2 COC | 36 CMWF | 250 N 4 P | 40 MN | 10 ma | AlG | SGI | BSW64 | 2N2222 | 0 |
| BFY75 | as | T018 | LCl | 60 V | 45 v | 5 v | 100 NA | 200C | 360 NWF | 250M 4P | 65 MN | $1 \mathrm{CNA}^{\text {d }}$ | Alc | SG I | BSW64 | 2N2222 | 0 |
| Efryt | NS | 1018 | LCl | 45 V | 45 V | 6 V | 5 CNA | 200 C | 360 MmF | 40 N 6 F | 140 mN | 1 NA | $\Delta L N$ | TIB | 8C109 | 2N930 | 0 |
| BFY77 | As | 1018 | 101 | 45 V | 45 v | 6 V | 50 MA | 200 C | 360 NWF | 40 N 6 P | 200 MN | 1 MA | ALN | 118 | 8C109 | 2N930 | 0 |
| BFY8C | NS | 1018 | 1 Cl | 100 V | 80 V | 7 V | 100 MA | 175C | 865 NmF | 50 N PP | 30 NN | 2MA | ALH | TIP | BC394 | 2N4 390 | 0 |
| EFY85-86 | NS |  |  |  |  |  |  |  |  |  |  |  | dua | TFK |  |  | 0 |
| Efye8 | AS | 1072 | L 51 | 40 V | 25 V | $3 \vee 5$ | 25NA | 175 C | 175 MWF | 750MOR 28 | 40 MN | 5MA | IUG | TFK | BF18C |  | 0 |
| efygo | NS | 1072 | LC6 | 30 V | 15v | 2 V | 20 MA | 175C | 20 CNHF | 1000 2 P | $25 / 150$ | 2Na | lla | NLE | BFY90 | 2N2857 | - |
| 8L×13 | NS | +28 | 465 | 65 V | 36 V |  | 6 A | 200 C | 70 WC | 250 N | 10/120 | 1 A | RHP | MUE |  |  | 0 |
| $81 \times 65$ | A S | TC5 | LC4 | 36 V | 1 EV |  | 2 A | 150C | 3 WC | 700 M | 10 m | 100 MA | UHP | Mus |  |  | 0 |
| BL×66 | NS | $\times 27$ | 164 | $3 \in \mathrm{~V}$ | 18 V |  | 2 A | 150 C | 4 wC | 700 M | $10^{10 N}$ | 100 MA | UHP | MLE |  |  | 0 |
| EL $\times 67$ | NS | $\times 27$ | 164 | 36 V | 18 V |  | 2 A | 150C | 4500 MmC | 700 M | 10 NN | 100 mA | ur | MUB |  |  | 0 |
| 㫙6, | NS | $\times 28$ | L65 | 36 V | 18 v |  | 1 CA | 2 ccc | 5 chC | 50 N | $307 p$ | 1 A | UHP | NLE |  |  | 0 |
| $82 \times 91$ | NS | +27 | 164 | 65 V | 33 V |  | 800 NA | 2000 | 4 WC | 600 N | 10 MN | 100 ma | UND | MUB |  |  | 0 |
| BLx92 | $\wedge$ A | +27 | L $\in 4$ | 65 V | 33 V |  | 2 A | 2 COC | 6WC | 600 M | 10 MN | 1 CCMA | LHP | MUB |  |  | 0 |
| BLX93 | AS | +27 | L $\in 4$ | 65 V | 33 V |  | 3 A | 2006 | 12 WC | 600M | 10 MN | 100 MA | UHP | MLB |  |  | 0 |
| 8LX94 | NS | $\times 28$ | L 65 | 65 V | 36 V |  | 6 A | 2006 | 5 ChC |  | 10/100 | 1A | UHP | MLE |  |  | 0 |
| Elyl7 | NS | 1C3t | L13 | 10 cv | 5 cV | 4 V | 1 CA | 2 COC | 100 WC | 35M | 5/25 | 10 A | VHA | $\checkmark \triangle L$ | BLY17 |  | 0 |
| BLY33 | NS | 105 | 104 | 66 V | 33 v |  | 150 CNA | 150C | 5 WC | 250 M | 10 MN | 200 MA | VMp | MUE |  |  | 0 |
| ELY34 | ns | 105 | LC4 | 40 V | 20 V |  | 1500 NA | 150 C | 5 WC | 250 M | 10 MN | 200MA | VHP | MUB |  |  | 0 |
| 81Y47 | ns | 103 | 105 | 100 V | 75 V |  | 3 A | 2006 | 40 WC | 15 M | 30/100 | $1 \wedge$ | RHH | T18 |  |  | 0 |
| ELY47A | NS | 1066 | 143 | 10 CV | 75 V |  | 3 A | 200 C | 4 CWC | $15 *$ | $30 / 100$ | 1 A | RHH | TIE |  |  | 0 |
| etrus | AS | to3 | LC5 | 1 ccv | 75 V |  | 3 A | 200 C | 40 WC | 15M | $60 / 200$ | 1 A | RHH | 118 |  |  | 0 |
| BLY48A | NS | 1066 | 143 | 100 V | 75 v |  | 3 A | 2006 | 4 CWC | 15 M | $60 / 200$ | 1 A | RHH | 118 |  |  | 0 |
| BLY49 | NS | 103 | L05 | 250 V | 150 V |  | 3 A | 200C | 4 ChC | 15N | 30/100 | 1 A | RHH | TIE |  |  | 0 |
| BLY49A | ns | 1066 | 143 | 250 V | 150 V |  | 3 A | 200C | 40 WC | 15 N | 30/100 | 14 | RHH | IIB |  |  | 0 |
| BLY5C | NS | 103 | L05 | 25 CV | 150 V |  | 34 | 200C | 40 hc | 15 N | $60 / 200$ | 1 A | RHH | TIE |  |  | 0 |
| Bly50a | ns | T06t | 143 | 250 V | 150 V |  | 3 A | 200 C | 40 WC | 15 M | 601200 | 1 A | RHh | TIB |  |  | 0 |
| BLY53A | AS | $\times 27$ | $1 \in 4$ | 36 V | 18 V |  | 4 A | 150C | 8 WC | 650M | 10 MN | 500 mA | UHD | MUB |  |  | 0 |
| BLY83 | NS | +27 | LE4 | 6 EV | 33 V |  | 7500 mA | 150 C | 12 WC | 250 N | 10/220 | 1 A | VHP | MUB |  |  | 0 |
| ELY84 BLY85 | NS | $\times 27$ $\times 27$ | L 164 | 40 V 40 V | 20v |  | 7500NA | 150 C 150 C | 12 WC | 250M | 10 MN | 1 l | VHP | MUB ${ }_{\text {MUB }}$ |  |  | 0 |


| TRANSISTOR NUMBER | $\begin{gathered} \hline \mathbf{P M} \\ \text { OA } \\ \text { LT } \end{gathered}$ | $\begin{aligned} & \text { PACK- } \\ & \text { AGE } \end{aligned}$ | $\begin{array}{\|l\|} \text { LEAD } \\ \text { INFO } \end{array}$ | $\begin{aligned} & \text { VCB } \\ & \text { MAX } \end{aligned}$ | $\begin{gathered} \text { VCE } \\ \text { MAX } \end{gathered}$ | VEB MAX | ${ }_{\text {MAX }}^{\mathbf{I}}$ | $\begin{gathered} \mathbf{T} \underset{\text { MAX }}{ } \end{gathered}$ | тот | $\begin{array}{ll} \text { F } & C_{0 B} \\ \text { MIN } & \text { MAX } \end{array}$ | $\mathbf{H E}_{\text {FE }}$ | $\begin{gathered} \mathrm{H}_{\mathrm{FE}} \\ \text { BIAS } \end{gathered}$ | USE | MFR | $\begin{aligned} & \text { EURO } \\ & \text { EQVT. } \end{aligned}$ | $\begin{aligned} & \text { USA } \\ & \text { EQVT. } \end{aligned}$ | ISS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| BLY89A | NS | $\times 28$ | 165 | 36 V | 18 V |  | 10 | 2 COC | 70WC | 325M | 10/120 | 14 | VHP | MUB |  |  | 0 |
| birg3a | NS | +28 | L65 | 65 V | 36 V |  | 9 A | 200C | 70 WC | 250* | 10/120 | 14 | VHP | MUB |  |  | 0 |
| BLYg7 | NS | $\times 27$ $\times 28$ | L 64 | 66 V | 33 V |  | 3 A | 150 C | 1 CWC | 250M | 10 MN | 200mA | VHP | MUB |  |  | 0 |
| Bty98 | NS | $\times 27$ | Le4 | 60 V | 33 v |  | 3 A | 150C | 8 WC | 400M | 10 MN | 500 MA | HP | MUB |  |  | 0 |
| BSS 10 | ns | 1018 | LO1 | 40 V | 15 V | 6 V | 50 cma | 175 C | 300 MWF | 600M 3P5 | 40/150 | 10 MA | RNG | SG I | BSW64 | 2N22 | 0 |
| 8SS11 | NS | 1018 | 101 | 40 V | 15 V | 4 V | 500~A | 175C | 360 MmF | 500N 4 P | 40/120 | 10 MA | ULS | SGI | B $5 \times 20$ | 2369 | 0 |
| BSS12 | NS | T018 | L01 | 30 V | 12 V | 5 V | 200mA | 175 C | 360 MHF | 400M 3P | 30/120 | 10 MA | VLS | SGI | BS×20 | 2N2369 | 0 |
| BSS13 | NS | 1039 | L04 | 60 V | 35 v | 5 V | 2 A | 200C | 1 WF | 250 M | 15 NN | 1 A | UNS | ATI | BSS27 | 2N5262 | 0 |
| BSS14 | NS | 105 | 104 | 75 V | 50 V | 5 V | 2 A | 200C | 1 WF | 250M 9P | 25 MN | 1 A | UMS | ATI | BSS27 | 2N5262 | 0 |
| BSS15 | AS | 1039 | 104 | 100 V | 75 V | 7 V | 2 A | 200 C | 1WF | 50 M | 30/130 | 500 ma | AMH | AT: | BSS42 | 2N5320 | 0 |
| ESS16 | NS | 1039 | 104 | 75 V | 50 V | 5 v | 2 A | 200 C | 1wF | 50 N | $40 / 250$ | 5 COMA | H | AII | BSS42 | 5320 | 0 |
| BSS17 | PS | 1039 | LC4 | 1 cov | 75 v | $7 v$ | 2 A | 200 C | 1 W | 50 M | 30/130 | 50 cma | AMH | at I |  | 2N4929 | 0 |
| BSS18 | PS | 1039 | 104 | 75 V | 50 V | 5 v | 2 A | 200C | 1 WF | 50 M | 40/250 | 500 MN | ANG | ATI | BSS18 | 2N5323 | 0 |
| ESS23 | NS | T018 | LCI | 45 V | 40 V | 6 V | 1 A | 200C | 500 MmF | 100N 10P | 30 MN | 500 Ma | AMS | TFK | BS $\times 33$ | 2N731 | 0 |
| BSS26 | AS | T018 | L01 | 60 V | 40 V | 6 V | 1 A | 200C | 360 MhF | 300M 12P | 25 NN | 500MA | AMS | SGI | B $\times 33$ | 2N731 | 0 |
| ESS27 | NS | 105 | L04 | 70 V | 45 | 5 V | 14 | 200 C | 80 cm | 300M 12 P | 25 | 500 MA | VMS | NUP | BSx59 | 2N3444 | 0 |
| BSS28 | ns | T05 | LC4 | 50 V | 30 | 5 V | 1 A | 200C | 800 MWH | 300 M 12 P | 30 M | 500 ma | VMS | MUB | BSS27 | 2N5262 | 0 |
| BSS29 | ns | 105 | L04 | 50 V | 30 V | 5 V | 1 A | 200C | 800 MWH | 300M 12P | 20 MN | 500 mA | VMS | MUB | BS | 2N5 262 | 0 |
| BSS30 | NS | 1039 | 104 | 100 V | 60 V | 7 V | 500MA | 200C | 80 c | 50 N 19 P | 40/120 | 150 MA | ANH | SGI | BSW6 | 2N4001 | 0 |
| ESS31 | NS | T039 | 104 | 100V | 60 V | 7 V | 600NA | 200C | 800 MWF | 60 N 15 P | 100 mN | 150 mA | AMH | ATI | BF156 | 2N1990 | 0 |
| BSS32 | NS | 1039 | 104 | 120 V | 80 V | 7 V | 500 mA | 2000 | 800 M | 50M 15P | 40/120 | 150MA | H | ${ }^{\text {A }} 11$ | 8SW66 | 2N4001 | 0 |
| BSS34 | NS | 1092 | 121 | 100 V | 80 V |  | 200mA | $125 C$ | 625 | 90 Nr 8 | 50 NN | 10 mA | AMH | TIB |  |  | 0 |
| BSS 35 | NS | T092 | L21 | 120 V | 100 V |  | 200mA | 1256 | 6251 | 90\% 8P | 45 M | 10 MA | H | TB |  |  | 0 |
| BSS38 | NS | $\times 10$ | L二C | 120 V | 80 V |  | 25 CMA | 150C | 300 MmF | GON | 20 | 1 MA | AMS | MLB | BSX | 9R | 0 |
| BSS40 | NS | r018 | LC1 | 60 V | 40 V | 5 V | 1 A | 200C | 360 MmF | 200M 10P | 25 MN | 5COMA | ANS | RTC | BSX33 | 2N731 | 0 |
| BSS41 | ns | TC | 101 | 60 V | 30 V | 5 | 1 A | 2000 | 360 NWF | 200M 1 1 P | 254 N | 500 MA | ANS | RTC | ESX33 | 2N731 | 0 |
| BSS42 | NS | 1039 | 104 |  | 120 V |  | 1500 MA | 200 C | 1 kF |  | 50 MN | 1 A | ANH | TFK | BSS42 | 2N5320 | 0 |
| ESS4 3 | NS | 1039 | L04 |  | 150 V |  | 1500 Na | 200C | 1 wF |  | 40 | 1 A | MH | TFK | BSS42 | 2N5320 | 0 |
| BSS44 | PS | T639 | 104 |  | 60 v |  | 5 A | 200C | 80 CNWF |  | 40 M | 2 A | AHG | TFK | BSS44 |  | 0 |
| BS 548 | NS | TC39 | L04 |  | 25 CV |  | 1 A | 200C | 890 MmF |  | 40 N | 70 Ma | RNE | K |  |  | 0 |
| BS549 | AS | 103 | 104 |  | 35 cV |  | $1 A$ | 200 | MWF |  | 651 | 50 mA | RME | IF |  |  | 0 |
| ESS50 | NS | 105 | 104 | 6 CV | V |  | 14 | 2006 | 5 nc |  | 1500 N | 500ma | AN | MLE |  |  | 0 |
| 8S551 | NS | T05 | C4 | 80 V | 60 V |  |  | 200 C | 5 hC |  | 1500 m | 500 mA | O | NuE |  |  | 0 |
| B\$552 | AS | 105 | LC4 | 1 cov | 80 V |  | 1 A | 200C | 5wC |  | 1500 mA | 50 CNA | AML | MUB |  |  | 0 |
| BS 568 | PS | $\times 10$ | L2C | 110 V | 100 v | 6 V | 100MA | 150C | 300 MW | 50M 5P | 30 MN | 25 MA | ALH | MUB | BSV68 | N3497 | 0 |
| BSV15 | PS | 103 | L04 | 40 V | 40 V | 5 v | 1 A | 200 | 800 MwF | $50 \mathrm{~N} \mathrm{30P}$ | 40 MN | 1 CONA | AMG | rFk | BFR23 | 03 | 0 |
| 8SV15/t | PS | 1039 | C4 | 40 V | 4 CV | 5 v | 1 A | 200C | 80 CMW | $50 \mathrm{M} \mathrm{30P}$ | 40 | 1 COMA | AMG | TFK | BFS93 | 37 | 0 |
| BSV15/10 | PS | 1039 | LC4 | 40 V | 40 V | 5 v | 14 | 200 C | 300 MWF | 50 M 30 P | 63 M | 1 CONA | ANG | IFK | BFS93 | 2N4037 | 0 |
| ESV15/16 | PS | 1039 | LC4 | 40 V | 40 V | 5 V | 1 A | 200 C | 800 MWF | $50 \mathrm{M} \mathrm{30P}$ | 100 mN | 100 MA | ANG | TFk | BFS93 | 2N4037 | 0 |
| bSvit | PS | 1039 | 104 | 60 V | 60 | 5 V | 1 A | 2006 | 800 MW | 50 N 30 P | 40 MN | 100 ma | AMG | TFK | BFR23 | 2N4036 | 0 |
| BSV16/6 | PS | 1039 | 104 |  | 60 | 5 v | 1 A | 200 C | 80 cm | 50\% 30P | , | OMA | am | TFK | 8FS93 | 37 | 0 |
| BSV16/10 | PS | T039 | LC4 | 60 | 60 V | 5 v | 1 A | 2 COC | 800 NwF | $50 \mathrm{M} \mathrm{30P}$ | 63 M | 1 COMA | $\triangle M G$ | TFK | 8FS93 | 2 N 4037 | 0 |
| BSV16/1t | PS | 1039 | LC4 | 60 V | 60 V | 5 v | 1 A | 200C | 800 M | $50 \mathrm{M} \mathrm{30P}$ | 100 M | 100MA | AN | TFK | 8FS93 | 2N4037 | 0 |
| ESVIT | PS | 1039 | LC4 | 80 V | 80 V | 5 V | $1 A$ | 2006 | 800 Mk | 50 N 30 P | 40 MN | 100 MA | $\mathrm{ANH}^{\text {H }}$ | tf |  | 2N4929 | 0 |
| BSV17/6 | Ps | 1039 | L04 | 80 V | 80 | 5 V | 14 | 2 COC | 800 WWF | $50 \mathrm{~N} \mathrm{30P}$ | 4 CMN | 100NA | AMG | TFK | BFS93 | 2N4037 | 0 |
| BSVI7/10 | PS | 1039 | L04 | 80 V | 80 | 5 V | 14 | 200 C | 80 CmFF | $50 \mathrm{M} \mathrm{30P}$ | 63 MN | l cona | ANG | TFK | BFS93 | 2N4037 | 0 |
| BSV23 | NS | $\times 11$ | L23 | 20 V | 2 CV | 3 v | 00 NA | 125 C | 300 MWF | 200M 6P | 20 MN | A | RLS | FEB | - $5 \times 20$ | N2369 | 0 |
| BSV | ns | $\times 11$ | L23 | 20 V | 15 V | 5 v | CMA | 1256 | 300 | 200M 6P | $50 / 200$ | 10 | KLS | FER | BS×20 | 369 | 0 |
| BSV25 | NS | $\times 11$ | 1こ3 | 30 V | 12 V | 5 V | 200MA | $125 C$ | 30 CNFF | 400 4 P | 40 NN | 10 NA | VLS | FEE | BS×20 | 2N2369 | 0 |
| BSv2t | NS | $\times 11$ | L23 | 40 V | 15 v | 5 V | 200NA | 125C | 30 CMWF | 500 N 4 P | 40/120 | 1 CMA | VL S | FER | BS $\times 20$ | 2N2369 | 0 |
| BSV27 | NS | $\times 11$ | 123 | 40 V | 15 V | 5 | 00 MA | 125 C | 300 MhF | $500 \mathrm{M} \mathrm{4P}$ | 4C/120 | 1 CNa | VLS | FEB | BSx20 | N 2369 | 0 |
| ESV28 | ns | $\times 11$ | ᄂ23 | 100 V | 100 V | 5 v | 100 Na | 1250 | 300 MWF | 50 M 10 P | 30 ms | 2 NA | Lt | FEB | BS $\times 21$ | N1990 | 0 |
| BSV29 | AS | $\times 11$ | L23 | 120 V | 120 V | 5 V | 1 coma | 125 | 300 | 50 N 10P | 30 mN | 2 MA | ALH | FER | BS $\times 21$ | N1990R | 0 |
| BSV33 | PS | $\times 11$ | L23 | 12 V | 12 V | 4 V | 200MA | 125C | 3 CONhF | 400 N 6 P | 40/150 | 3 CMA | VLS | FEE | BSW25 | 2N354t | 0 |
| BSV35 | NS | $\times 12$ | L27 | 40 V | 15 V | 5 v | 500 MA | 175C | 35 CMWh | 500 N 4 P | 40/120 | 1 CMA | VLS | FEB | BSV35 | NIL | 0 |
| BSV35A | AS | +12 | 127 | 25 V | 12 v | 5 V | 50 cma | 1750 | 350 NWH | 300M 6P | 20 MA | 10 Na | VLS | FEB | BSV35A | N1L | 0 |
| asvic | NS | $\times 12$ | 127 | 15 V | 6 V | 4 V | 500 mA | 175C | 350 MmH | 600N 3 P | 30/150 | 20 Na | VLS | FEE | BSV35 |  | 0 |
| -SV37 | PS | $\times 12$ | 127 | 12 V | 12 v | 4 V | 500 Na | 175C | 350 MwH | $400 \mathrm{~N} \mathrm{6P}$ | 40/150 | 30 MA | VLS | FE? | BSV37 |  | 0 |
| ESV4C | NS | 1018 | LCl | 40 V | 20 V | 5 V | l00mA | 175C | 360 MWF | 300M 10P | 40/120 | 10 NA | RLE | 1 18 | BSW64 | 2N2222A | 0 |
| BSV41 | NS | 1018 | LCl | 40 V | 20 V | 5 V | 100 mA | 175 C | 36 cmWF | 300M 10 CP | 100 mN | 1 CMA | RLG | ITA | BSW64 | 2N2222A | 0 |
| esv42 | PS | 10.39 | 104 | 70 V | 700 | 5 V | 500 MA | 200 C | GOOMWF | ICON 12P | 75/150 | 150MA | AMC | ItB | BFS95 | 2N4036 | 0 |
| BSV43A | PS | 1039 | LC4 | 60 V | 60 V | 5 V | 50CMA | 200C | 60 CNFF | 100N 12P | 40/120 | 150 MA | Ang | ITE | BFS95 | 2N403t | 0 |
| BSV43E | PS | 1039 | LC4 | 60 V | 60 V | 5 V | s00NA | 200 C | 600 mWF | 100N 12P | 100 mN | 150 MA | AMG | ITB | BFS 75 | 2N4036 | 0 |
| BSV44A | PS | 1039 | LC4 | 60 V | 40 V | 5 V | 500 Na | 2 COC | 600 NWF | 100M 12 P | 40/120 | 15 cma | $A^{\prime} \mathrm{C}$ | ITB | BFS95 | 2N4036 | 0 |
| BSV44E | PS | 1039 | LC4 | 60 V | 40 V | 5 V | 500 MA | 200C | 600 MWF | 100M 12P | 100 mN | 15 CMA | $A^{\prime N G}$ | I 19 | BFS95 | 2N4036 | 0 |
| BSV45A | PS | 1039 | L04 | 30 V | 30 V | 5 V | 500 MA | 200C | 600 NWF | 100~ 12 P | 40/120 | 150 MA | AMG | ITB | BFS95 | 2N4036 | 0 |
| 8SV45B | PS | 1039 | LC4 | 30 V | 30 v | 5 V | 500MA | 200 C | 600 mbF | 100N 12 P | 100 mN | 150 MA | AMG | 178 | BFS95 | 2N4036 | 0 |
| BSV46 | PS | T018 | LCl | 70 V | 70 V | 5 V | 500 ma | 200C | 40 MmFF | 100M 12 P | 75/150 | 150 MA | AMG | IIP | B SW24 | 2N2907A | 0 |
| BSV47A | PS | 1018 | LCl | 60 V | 60 V | 5 V | 500 mA | 200C | 400 MWF | 100 M 12 P | 40/120 | 150 NA | AMG | ITB | BSn24 | 2N2907A | 0 |
| BSV478 | PS | 1018 | 201 | 60 V | 60 V | 5 V | 500 MA | 200 C | 400 MWF | 100M 12P | 100 mN | 150MA | AMG | I TB | BSW24 | 2N2907A | 0 |
| BSV48A | PS | 1018. | LO1 | 60 V | 60 V | 5 V | 500Na | 200C | 400 MWF | 100N 12P | 40/120 | 150 MA | AMG | ITP | BSW24 | 2N2907A | 0 |
| BSV48B | PS | 1018 | LCl | 60 V | 60 V | 5 V | 50 CmA | 200C | 40 CMWF | 100M 12P | 100mN | 150 MA | AMC | ITB | BSW24 | 2N2907A | 0 |
| BSV49A | PS | 1018 | 101 | 30 V | 30 V | 5 V | 500 MA | 2000 | 400 MWF | 100M 12P | 40/120 | 150 MA | AME | ITB | BSW24 | 2N2907A | 0 |
| ESV49E | PS | 1018 | LO1 | 30 V | $30 v$ | 5 V | 500 mA | 200C | 400 MmF | 100 N 12 P | 100 MN | 150 MA | AMG | ITB | BSW24 | 2N2907A | 0 |
| BSV52 | AS | $\times 1$ | L2S | 20 V | 12v | 5 V | 50 MA | 1256 | 150 NWF | 400 N 4 P | 40/120 | 10 MA | VL | MUB | BSV35 | Nil | 0 |
| BSV52R | NS | $\times 12$ | L27 | 20 V | 12 V | 5 v | 50 ma | 125C | 15 CMmF | 400 N 4 P | 40/120 | 1 CmA | VLS | mue | BSV35 | N1L | 0 |
| BSV57 | LJ |  |  |  |  |  |  |  |  |  |  |  | UJT | TFK |  |  | 0 |
| BSV60 | ns | 1039 | L04 | 45 V | 40 V | 5 V | 3 A | 200C | 800 MWF | 50 75P | 50/150 | 2 A | AHG | TFK | BSV64 | 2N4877 | 0 |
| BSV64 ESV68 | NS | 105 | L04 | 100 V | 60 V | 5 V | 5 A | 200 C | 87 cmwF 25 cmWF | 50 M | 40 NN | 2 A | AHG | MLE | BSV64 | 2N4877 | 0 |


| TRANSISTOR NUMBER | $\begin{gathered} \mathbf{P M} \\ \mathbf{D A} \\ \mathbf{L T} \end{gathered}$ | $\begin{aligned} & \text { PACK- } \\ & \text { AGE } \end{aligned}$ | $\begin{aligned} & \text { LEAD } \\ & \text { INFO } \end{aligned}$ | VCB MAX | VCE | VEB <br> MAX | 1 <br> C MAX | T <br> J MAX | $\begin{aligned} & \mathbf{P} \\ & \text { TOT } \end{aligned}$ | $\begin{array}{ll} F_{\mathrm{T}}^{\mathrm{T}} & \mathbf{C}_{0} \\ \mathbf{N} \end{array}$ |  |  FE | H FE BIAS | USE | MFR | $\begin{aligned} & \text { EURO } \\ & \text { EQVT. } \end{aligned}$ | $\begin{aligned} & \text { USA } \\ & \text { EQVT. } \end{aligned}$ | ISS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| ESV69 | NS | 1039 | 104 | 40 V | 40 V |  | 1A | 2000 | 800 MhF | 100* | 10 F | 30 MN | 500 MA | RNS | TFK | BSS14 | 2N3735 | 0 |
| ESV17 | AS | T05 | 104 | 40 V | 40 V |  | 800 Ma | 200C | 800 MWF | 200 M | 9 P | 30 MN | 500 ma | RMS | SGI | BSW54 | 2N2219A | 0 |
| ESV78-79 | FE |  |  |  |  |  |  |  |  |  |  |  |  | FET | ME |  |  | 0 |
| BSV80 | FE |  |  |  |  |  |  |  |  |  |  |  |  | FET | MUB |  |  | 0 |
| BSV81 | FE |  |  |  |  |  |  |  |  |  |  |  |  | FET | MUB |  |  | 0 |
| ESva 2 | PS | 1039 | LC5 | 9CV | 80 V | 5 V | 14 | 175C | 80 CMhF | 60N | 20 P | 15NN | 500~A | ans | ATI | BFS93 | 2N4037 | 0 |
| BSV83 | PS | 1039 | L05 | 90 V | 80 V | 5 V | 14 | 175C | 80 CMWF | 60 M | 20 P | 30 MN | 150 Ma | AMS | ATI | BFS293 | 2N4037 | 0 |
| ESV84 | NS | 1039 | 104 | 120 V | 70 V | 7 V | 1 A | 175C | 80CNWF | 60 M | 20P | 40 MN | 150NA | AMH | ATI | BFX85 | 2N1893 | 0 |
| BSV85 | NS | 1018 | LC1 | 50 V | 30 V | 5 v | 1 A | 175C | 375 MWF | 100 M | $12 P$ | 55 MN | 150 MA | AMG | ATI | BSX 33 | 2N731 | 0 |
| BSW19 | PS | T018 | LC1 | 35 V | 30 V | 5 V | locma | 1750 | 300 MWF | 150M | $7{ }^{18}$ | 40 MN | 10 MA | ALG | TFK | BC Y 70 | 2N3965 | 0 |
| BShisa | PS | 1018 | 101 | 35 V | 30 V | 5 V | 100 mA | 1750 | 30 CNWF | 150N | 7 P | 100 mN | 1 CMA | ALG | IFK | BCY70 | 2N3965 | 0 |
| BSh20 | PS | $\times 10$ | L20 | 35 V | 30 V | 5 V | 100 ma | 150 C | 280 MmF | 150N | 7 P | 40/120 | 10 MA | RLS | TFK | BS×20 | 2N2369 | 0 |
| B 5 W20A | PS | $\times 10$ | L20 | 35 V | 30 V | 5 V | 100 mA | 150 C | 280 MWF | 150 M | 7 P | 10/300 | 10 MA | RLS | TFK | BS×2C | 2N2369 | 0 |
| BSh21 | PS | 1018 | 101 | 25 V | 25 V | 5 V | 200MA | 1756 | 300 MWF | 150M | 8 P | 75 MN | 2MA | RLS | MOB | BCY 70 | 2N3965 | 0 |
| BSh21A | PS | 1018 | LC 1 | 50 V | 50 V | 5 V | 200MA | 175C | 30 CMWF | 150N | 8 P | 75 NN | 2 MA | RLS | MOB | BCY70 | 2N3965 | 0 |
| ESn22 | PS | 1018 | LCl | 25 V | 25 V | 5 V | 20 CMA | 175 C | 30 CNWF | 150 N | 8 F | 180 mN | 2 Na | RLS | MIS | BCy>0 | 2N3965 | 0 |
| BSW22A | PS | 1018 | LO1 | 50 V | 50 V | 5 V | 200 ma | 175C | 30 CMWF | 150 M | 8 P | 180 MN | 2 MA | RLS | MIS | BCY70 | 2N3965 | 0 |
| BSW23 | PS | 1039 | LC5 | 60 V | 40 V | 5 V | 60 cma | 200C | 600 MWF | 200M | 8 P | 40 MN | 150 Ma | RMG | SGI | BS×29 | 2N2905A | 0 |
| BSW24 | PS | 1018 | L01 | 60 V | 40 V | 5 V | 600MA | 200C | 400 NWF | 200 M | 8 P | 40 MN | 150 MA | AMG | TIB | BSW24 | 2N2907A | 0 |
| BSW25 | PS | 1018 | 101 | 12 V | 12 V |  | 200MA | 2006 | 36 CMFF | 800 N | 5 P | 40 MN | 30 MA | ULS | MOB | BSW25 | 2N3546 | 0 |
| BSW26 | As | 1018 | C1 | 50 V | 4 cv | $4 v$ | 1 A | 2000 | 500 MWF | 200mN |  | 20MN | 5 Ccma | ALS | IIH | ES×33 | 2N731 | 0 |
| BSn27 | NS | 1039 | L04 | 60 V | 50 V | 4 v | 1 A | 2006 | 800 MWF | 200 M | 10P | 20MN | loona | Rrs | tis | BSW54 | 2N2219A | 0 |
| ESW28 | NS | 1039 | LC4 | 60 V | 50 V | 4 V | 1 A | 2006 | 800 MmF | 200 N | 10 P | 20 MN | 100NA | RNS | TIE | BSW54 | 2N2219A | 0 |
| ESW29 | AS | T039 | L04 | 40 V | 30 V | 4 V | 1 A | 2000 | 800 MWF | 200 N | 10 P | 20MN | 100ma | RMS | TIB | BSWj4 | 2N2219A | 0 |
| ESn36 | PS | 1039 | 104 | 32 V | 32 V | 4 V | 500MA | 200 C | 80 CNhF | 150 N | 15 P | 50 mN | 50 MA | RMG | IIF | 8FX29 | 2N2905A | 0 |
| BSW39 | As | 1039 | ${ }^{4} 4$ | 100 V | eov | $7 v$ | 1 A | 2000 | 790 MWF | 50 M | 20P | 40 MN | 1 cona | AMH | TFK | 8SW66 | 2N4001 | 0 |
| BSW40 | PS | 1039 | 104 | 100 V | 80 V | $7 v$ | 14 | 2006 | 790 NFF | 50 M | 20 P | 40 MN | 100 MA | ANH | TFK |  | 2N4929 | 0 |
| ESW41 | NS | 1018 | LC 1 | 40 V | 25 v | 5 V | 300ma | 200C | 1 nH | 250 N | 8 P | 20 MN | 50 MA | VLS | VAL | BSW64 | 2N2222A | 0 |
| BSW42 | NS | 10106 | L 17 | 25 V | 25 v | 5 V | 200MA | 125C | 300 MWF | 150 N | 8 P | 75/225 | 2 MA | AlG | SEU | BC207 | 2N4966 | 0 |
| B 54.2 A | AS | T0106 | L17 | 50 V | 50 V | $7 v$ | 200ma | 125C | 30 CMFF | 150 M | 8 P | 75/225 | 2 MA | AL C | SEU | BC207 | 2N4966 | 0 |
| ESW42E | As | 101c6 | 117 | 60 V | tov | $7 v$ | 200~a | 1250 | 300 MWF | 150M | 8 P | 75/225 | 2 Na | ALG | SEL | BC 207 | 2^4966 | 0 |
| BSW43 | AS | T01c6 | L17 | 25 V | 25 V | 5 V | 200ma | 125 C | 300 NWF | 150 N | 8 P | 180 MN | 2 MA | ALN | SEU | RC239 | 2N4967 | 0 |
| BSh43A | NS | T01CE | L17 | 5 CV | 50 V | 7 V | 200MA | 125C | 300 NmF | 150N | 8 F | 180 NN | 2NA | ALN | SEU | BC209 | 2N4967 | 0 |
| 85 W 43 B | NS | T0106 | 117 | 60 V | 60 V | $7 v$ | 200~A | $125 C$ | 30 CMWF | 150 N | 8 P | 180 MN | 2 MA | ALN | SEU | BC 209 | 2N4967 | 0 |
| BSW44 | PS | T0106 | L17 | 25 V | 25 V | 5 v | 200ma | 125C | 300 MWF | 150 M | 8 P | $75 / 225$ | 2NA | ALG | SEU | BC204 | 2N4249 | 0 |
| BSn44A | PS | T01C6 | 417 | 50 V | 50 V | 5 V | 200 ma | 1256 | 300 MWF | 150N | 8 F | 75/225 | 2 mA | ALG | SEL | BC 204 | 2N4249 | - |
| BSW45 | PS | T0106 | L17 | 25 V | 25 V | 5 V | 200ma | 125 C | 300 MWF | 150 N | 8 P | 180 mN | 2 MA | ALN | SEU | BC206 | 2N4250 | 0 |
| BSh45A | PS | 10106 | L17 | 50 V | 50 V | 5 V | 200mA | 125C | 30 CNWF | 150 M | $8{ }^{8}$ | 180 MN | 2NA | ALN | SEU | BC206 | 2N4250 | 0 |
| ESW49 | NS | 105 | LO4 | 40 V | 40 V | 5 V | 1 A | 150C | 600 MmF | 200M | 10 P | 16 MN | 500 mA | RNS | LTT | BSW24 | 2N2219A | 0 |
| BSW51 | AS | 1039 | 104 | 60 V | 30 V | 5 V | 800Na | 1750 | 800 MWF | 250M | 8 P | 40 MN | 150 NA | RMG | VAL | BSW54 | 2N2219A | 0 |
| ESW52 | NS | 1035 | LC4 | 6 CV | 30 V | 5 V | 80 cma | 175c | 80 cmhF | 250 N | 8 F | 100 NN | 150 Na | RNG | VAL | BSW54 | 2N2219A | 0 |
| -Sn5 3 | NS | 1039 | LC4 | 75 V | 40 V | 6 V | gOONA | 175C | 80 cmwF | 250N | 8 P | 40 MN | 150NA | RMG | VAL | BSW54 | 2N2219A | 0 |
| ESW54 | AS | 1039 | LC4 | 75 V | 40 V | 6 V | 80 CMA | 175C | EOOMWF | 250 M | 8 P | 100 MN | 15 CMA | RMG | VAL | BSW54 | 2N2219A | 0 |
| ASW61 | NS | T018 | LCl | 60 V | 30 V | 5 V | 800 MA | 1750 | 500 MWF | 250 M |  | 40 MN | 15 CMA | RMS | MOB | BSW64 | 2N2221A | 0 |
| BSW62 | NS | 1018 | LCI | 60 V | 30 V | 5 V | 80 CNA | 1756 | 500 MWF | 250 N | 8 F | 100 MN | 150 MA | RNS | MCE | BSW64 | 2N2221A | 0 |
| ESh63 | NS | 1018 | LCl | 75 V | 4 CV | 6 V | 80 CmA | $175 C$ | 50 CMWF | 250 N | 8 F | 40 MN | 15 CMA | RMS | MOE | BSW64 | 2N2221A | 0 |
| BSW64 | NS | T018 | LO1 | 75 V | 40 V | 6 V | 800 Ma | 175 C | 500 MWF | 300 M | 8 P | 100 MN | 150 MA | RNS | MOS | BSW64 | 2N2221A | A |
| BSW65 | ns | 1039 | LC4 | 80 V | 80 V | 6 V | 1 A | 200C | 800 MwF | 40 M | 35 P | 30 MN | $5 \operatorname{cona}$ | AMH | MUB | BSW6t | 2N4001 | 0 |
| BSW66 | ns | 105 | LC4 | 100 V | 100 V | 6 V | 14 | 2006 | 800 MWF | 60 M | 35P | 30 MN | 500 NA | AMH | MLB | BSW6 6 | 2N400 1 | 0 |
| ESh67 | NS | 1036 | L04 | 12 CV | 120 V | 6 V | 14 | 200 C | 80 CNWF | 40 N | 35 F | 30 MN | 500~A | ANH | MLE | BSW66 | 2N3440 | 0 |
| ESn68 | As | T03t | 104 | 150 V | 150 V | 6 V | 1 A | 200C | \&OCNWF | 40 M | 35P | 30 mN | 5CCNA | AME | NUB |  | 2 N 344 C | 0 |
| BSh72 | PS | T018 | LCl | 40 V | 25 V | 5 V | 500MA | 200 C | 400 MWF | 150M | 8 P | 40 MN | 150MA | RNS | ITB | BSW24 | 2N2906A | 0 |
| ESW73 | PS | T018 | L01 | 40 V | 25 V | 5 V | S00NA | 200C | 400 MWF | 150 M | 8 P | 100 MN | 150 NA | R*S | ITB | BSW24 | 2N2906A | A |
| BSW74 | ps | 1018 | L01 | 75 V | 40 v | 5 V | 500MA | 200C | 400 NWF | 150M | 8 P | 40 MN | 150 MA | RMS | ITB | BSW24 | 2N2906A | 0 |
| BSh75 | PS | 1018 | L01 | 75 V | 40 V | 5 V | 500 mA | 2006 | 40 CMFF | 150 N | 8 P | 100 MN | 150 MA | RMS | 1 TE | BSW 24 | 2N2906A | 0 |
| ESW82 | AS | T018 | LC1 | 40 V | $25 v$ | 5 V | 50 CNA | 175C | 500 MWF | 200 M | 8 p | 40 MN | 15 CNA | RMS | ITB | ESh24 | 2N2906A | 0 |
| BSW83 | As | T018 | L01 | 40 V | 25V | 5 V | 500 mA | $175 C$ | 500 MWF | 200M | 8 P | 100 mN | 150MA | RMS | ITB | BSW24 | 2N2906A | A 0 |
| BSh84 | NS | 1018 | LCI | 75 V | 45 V | 5 V | 500 MA | 175C | 500 MWF | 200 H | 8 P | 40 MN | 150 MA | RNS | ITB | BSW24 | 2N2906A | A |
| BSW85 | AS | 1018 | LO1 | 75 V | 45 V | 5 V | S00~A | 175C | 500 MhF | 200 N | 8 P | 100 mN | 150 Na | RMS | ITB | BSW24 | 2N2906A | 0 |
| BSh88 | NS | T092 | L21 | 35 V | 30 v | 5 V | 100 mA | 150C | 30 CMWF | 200 M | Sp | 75 MN | 5 cma | RLS | IFK |  |  | 0 |
| ESW88A | as | 1092 | 121 | 35 V | 30 V | 5 V | 10CNA | 150 C | 300 MWF | 200M | 5 P | 100 ma | 10NA | RLS | TFK |  |  | 0 |
| BSW88B | As | 1092 | 121 | 35 V | 30 V | 5 V | 100 MA | 150C | 300 MHF | 200N | 5 P | 250 MN | 10 MA | RLS | TFK |  |  | 0 |
| BSh89 | NS | $\times 10$ | L20 | 35 V | 30 V | 5 V | 100 MA | 150C | 300 NmF | 200N | 5 P | 75 MN | 50 Ma | RLS | TFK |  |  | 0 |
| BSh89A | NS | $\times 10$ | L20 | 35 V | 30 V | 5 V | 100 MA | 150C | 30 CMWF | 200N | 5 P | 100 mN | 10 MA | RLS | TFK |  |  | 0 |
| BSW89 ${ }^{\text {b }}$ | NS | $\times 10$ | L20 | 35 V | 30 v | 5 V | 100 mA | 150C | 300 MWF | 200M | 5P | 250MN | l cma | RLS | TFK |  |  | 0 |
| es $\times 12$ | NS | 1035 | LC4 | 25 V | $12 v$ | 4 V | 1 A | 200C | 600 MkF | 450N | 15F | 30 NN | 300MA | VLS | MLL | $88^{812}$ | 2N3303 | 0 |
| BS $\times 12 \mathrm{~A}$ | AS | 1039 | 104 | 25V | 15V | 4 V | 1 A | 200 C | 600 MWF | 450 N | 15 P | 30 MN | 300ma | VLS | MUB | BS $\times 12$ | 2N3 303 | 0 |
| ES $\times 15$ | NS | 1018 | LCl | 4 CV | 15 V | 5 V | 500 mA | 200C | 36 CMhF | 400 N | 4 P | 20 MN | loma | ULS | IIB | BS×20 | 2N2369 | 0 |
| BSx20 | NS | T018 | 101 | 40 V | 15v | 5 V | 500 mA | 200C | 360 MWF | 500 M | 4 P | 40 MN | 10 MA | ULS | T1日 | $85 \times 20$ | 2N 2369 | 0 |
| BS×21 | as | T018 | LC1 | 120 V | 80 V | 5 V | 50 MA | 175C | 300 MWF | 60 m | 9 P | 20 MN | 4 MA | ALH | mub | BC394 | 2N4390 | 0 |
| $8 \mathrm{~S} \times 22$ | NS | 1039 | 104 | 40 V | 32 V | 5 V | 1500 MA | 175C | 80 CNWF | 60 N | 307 | 35 MN | 500 ma | AMS | 118 | BFY5 1 | 2N2297 | 0 |
| 日S $\times 23$ | NS | 1039 | L04 | 90 V | 65v | 5 V | 1500 ma | $175 C$ | 800MWF | 60 M | 30 P | 35 MN | 5 Coma | AMS | ITB | BFYS 1 | 2N2297 | 0 |
| BS $\times 24$ | ns | T018 | LCl | 32 V | 32 V | 5 V | 100 ma | 1750 | 30 CMWF | 150 M | 7 P | 30 mN | 5 MA | ALS | ITB | BC107 | A157A | 0 |
| BS $\times 25$ | NS | 1018 | L01 | 40 V | 25v | 5 V | 300MA | 2000 | 360 MWF | 50 M | 25 P | 30 NN | 5 MA | AlS | Ife | BS×33 | 2N731 | 0 |
| BS $\times 26$ | AS | T018 | LO1 | 40 V | 15 V | 4 V | 200MA | 200C | 360 MWF | 350 M | 5 P | 30 MN | 30 ma | UlS | TIB | BS×20 | 2N2369 | 0 |
| ES×27 | NS | 1018 | 201 | 15 V | 6 V | 4 V | 100MA | 2 COC | 30 cmp | 600N | 3 p | 25 MN | 1 Cma | VLS | 118 | $85 \times 20$ | 2N2369 | 0 |
| $85 \times 28$ | NS | T018 | 101 | 30 V | 12 V | 4 V | 100 mA | 200 C | 360 MWF | 400N | 4P | 30 MN | 10 ma | VLS | TiB | $85 \times 20$ | 2N 2369 | 0 |
| BS×29 | PS | 5018 | LCl | 12 V | 12 V | $4 v$ | 200mA | 200 C | 360 MWF |  |  | 30 MA | 3 CmA | VLS | T1B | BS $\times 25$ | 2N3546 | 0 |
| BS $\times 33$ | ns | 1018 | LC1 | 70 V | 40 V | 7 V | 1 A | 200C | 500 MWF | 40M | 25p | 40 MN | 150 mA | ams | SG I | BS $\times 33$ | 2N731 | 0 |
| 8S $\times 36$ | PS | 1018 | 101 | 40 V | 40 V | 5 V | 500 MA | 200 C | 360 MWF | 100N | 8 P | 40 MN | 10 MA | RLS | İ | BSW64 | 2N2221A | A 0 |


| TRANSISTOR NUMBER | $\begin{gathered} \text { PM } \\ \text { OA } \\ \text { LT } \end{gathered}$ | PACKAGE | $\begin{array}{\|c\|} \hline \text { LEAD } \\ \text { INFO } \end{array}$ | VCB MAX | $\begin{gathered} \text { VCE } \\ \text { MAX } \end{gathered}$ | VEB MAX | 1 <br> C MAX | T <br> J MAX | TOT | $\left\lvert\, \begin{array}{ll} F_{1} & C_{0 B} \\ \text { MIN } & \text { MAX } \end{array}\right.$ | $H_{F E}$ | $\begin{gathered} \mathrm{H}_{\mathrm{FE}} \\ \text { BIAS } \end{gathered}$ | USE | MFR | EURO EQVT. | USA EQVT. | ISS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| BS $\times 38 \mathrm{~A}$ | NS | TC18 | 101 | 30 V | 30 V | 5 V | 100NA | 200 C | 345 MhF | 200M 5P | 100 mn | lona | RLS | TFK | BSW64 | 2N2221A | 0 |
| $8 \mathrm{~S} \times 38 \mathrm{~B}$ | AS | 1018 | LC1 | 30 V | 30 V | 5 V | 10 CN | 2006 | 345 MWF | 200M 5P | 250 MN | 10 MA | RLS | TFK | BSW64 | 2N2221A | 0 |
| ES×39 | As | 1018 | LOL | 45 V | 20 v | 5 V | 300ma | 2000 | 360 MWF | 350 N 5 P | 40 MN | 30 MA | VLS | SGI | $85 \times 20$ | 2N2369 | 0 |
| BS $\times 40$ | PS | 1035 | LC4 | 30 V | 30 V | 5 V | 500 mA | 175C | $80 \mathrm{CNWF}^{\text {W }}$ | 100N 10 P | 40/120 | 15 CmA | AMG | ITE | BF× 29 | 2N2905A | 0 |
| E $5 \times 41$ | PS | T039 | 104 | 30 V | 30 v | 5 V | 500 ma | 175 C | 80 CMWF | 100 N 10 P | 100 mN | 150 MA | AMG | ITP | BFX29 | 2N 2905 | , |
| 85 $\times 44$ | NS | 1018 | LCl | 15 V | 6 | 4 V | 200MA | 2000 | 300 wF | 600 M 4 P | 30 ms | 20NA | VNS | MLB | BS×20 | 2N2369 | 0 |
| ES $\times 45$ | NS | 1039 | 104 | 40 V | 40 V | $7 v$ | 14 | 200 C | 800 MhF | 50N 25P | 40 M | 100 MA | ANG | TFK | BFX85 | 2N2297 | 0 |
| - $5 \times 45 / 6$ | AS | 1039 | 104 | 4 CV | 40 V | $7 v$ | 1 A | 2000 | 80 CNHF | 50~25P | $40 \sim N$ | 1 CONA | AMG | TFK | BFY51 | 2N2297 | 0 |
| 8S×45/10 | NS | 1039 | LC4 | 40 V | 40 V | $7 v$ | 1 A | 200 C | 80 CNWF | 50M 25 P | 63 MN | 1 COMA | AMG | JFK | BFY51 | 2N2297 | 0 |
| 85 $\times 45 / 16$ | Ns | 1039 | LC4 | 40 V | 40 v | 7 V | 14 | 200 C | 80 CMWF | 50M 25P | 100 mN | ICCMA | ANG | TFK | 8FY51 | 2N 2297 | 0 |
| ES $\times 46$ | ns | 1039 | 104 | GOV | 60 V | $7 v$ | 14 | 200 C | 800 mFF | 50 M 2 CP | 40 mN | 100 ma | AMG | TFK | BF×85 | 2N2297 | 0 |
| BS $\times 46 / 6$ | NS | 1039 | LC4 | 60 V | 60V | $7 v$ | 14 | 200 C | 800 NmF | 50 N 20 F | 40 MN | 100 Na | ANG | TFK | BFX85 | 2N1893 | 0 |
| 8S $\times 46 / 10$ | NS | 1039 | LC4 | 60 V | 60 V | 7 v | 1 A | 200C | 800 MmF | 50 N 20 P | 63 NN | 100 ma | AMG | TFK | BFX85 | 2N1893 | 0 |
| BS $\times 46 / 16$ | AS | T039 | LC4 | 6 cV | 60 V | 7 V | 14 | 200 C | 800 WWF | 50 N 20P | 100 mN | 1 CCMA | AM G | TFK | BFX85 | 2N1893 | 0 |
| BS $\times 47$ | NS | 1039 | L04 | 80V | 8 CV | $7 v$ | 14 | 2006 | 800 MWF | 50 M 15 P | 40 MN | 10CMA | ANE | 510 | BFX 85 | 2N1893 | 0 |
| BS $5471 / 6$ | ns | 1035 | LC4 | 80 V | 80 V | $7 v$ | A | 2000 | 8CONWF | 50~15P | 40 MN | 100 ma | AMG | SID | BF× B 5 | 2N1893 | 0 |
| es $\times 47 / 10$ | NS | 1039 | LC4 | 80 V | 80 V | $7 v$ | 14 | 200 C | 80 CNWF | 50~ 15F | 63 mN | ICONA | $\triangle M G$ | SIL | BFX85 | 2N1893 | 0 |
| $85 \times 48$ | NS | T018 | LCl | 60 V | 25 V | 5 V | GOCMA | 2006 | 1 wh | 250M 60 | 17 MN | 10 cma | RNS | 510 | B SW64 | 2N2221A | 0 |
| BS $\times 49$ | is | r018 | LC1 | 50 V | 4 CV | 5 v | 60 CNA | 200 C | 1 w | 250M 6P | 25 MA | 1 COnA | VMS | S 10 | BS×59 | 2N3444 | 0 |
| BS×51 | ns | T018 | LOI | 25 V | 25 V | 5 V | 200ma | 1750 | 300 NWF | 150M 8P | 75/225 | 2 Ma | RLS | MIS | BSNO4 | 2N2221A | 0 |
| $3 \leq \times 51 \mathrm{~A}$ | NS | 1018 | LC1 | 50 V | 5 CV | $7 v$ | 200NA | 175 C | 300 MmF | 150~ SP | 751225 | 2 Na | RLS | Mis | BSW64 | 2N22214 | C |
| $8 \leq \times 518$ | As | 1018 | LCl | 60 V | sov | $7 v$ | 200 mA | 175 C | 30 cmFF | 150 M SP | 75/225 | 2 MA | RLS | SEU | BSW64 | 2N2221A | 0 |
| $85 \times 52$ | NS | 1018 | L01 | 25 V | 25 v | 5 v | 2CCMA | 175 C | 300 MWF | $150 \mathrm{M} \mathrm{8P}$ | 180 MN | MA | RLS | MIS | BSW64 | 2N2221A | 0 |
| BSx52A | ns | 1018 | LCl | 50 V | 50 v | 7 V | 200MA | 1750 | 30 CMmF | $150 \mathrm{M} 8{ }^{\circ}$ | 180 mN | 2 MA | RLS | MIS | ESW64 | 2N2221 | 0 |
| BS $\times 528$ | as | 1018 | LC1 | 60 V | 6 CV | $7 v$ | 200 ma | 1750 | 300 NWF | 150 ${ }^{\text {d }}$ P | 180 mN | 2 MA | RLS | SEL | BSW64 | 2N22224 | 0 |
| $8 \mathrm{~S} \times 53 \mathrm{~A}$ | NS | T018 | LCl | 30 V | 30 V | 5 v | 100ma | 175C | 13 CMmF | 200~ 5 P | 100 mm | 1 cma | RLS | TFK | BSW64 | N222 | A |
| $85 \times 538$ | AS | 1018 | LCl | 30 V | 30 V | 5 v | 100MA | 175 C | 130 MW | 200M 5P | 250 ma | 10 Na | RLS | TFK | BSW64 | 2N?221 | 0 |
| BSx54A | ns | TC18 | LC1 | 50 V | 45 V | 5 V | 100 MA | 175C | 130 NWF | 200 M 5 P | 100 mN | 10 Ma | RLS | Tfk | BSwo 4 | 2N2221 | 0 |
| $85 \times 54 \mathrm{E}$ | NS | 1018 | LCl | 50 V | 45 V | 5 V | 100 ma | 1756 | 130 MWF | 200N 5P | 250 ma | 10 MA | RLS | Tfk | BSW64 | 2N2221A | 0 |
| BS $\times 59$ | as | 1039 | L04 | 70 v | 45 v | 5 V | 1 A | 200 C | 800 MWF | 250N 10F | 25 mv | 5 Coma | VMS | nue | BS×59 | 2N3444 | 0 |
| BS $\times 6 \mathrm{C}$ | NS | 1039 | 104 | 10 V | 30. | 5 v | 14 | 2006 | و 0 CMmF | 250 M 10 P | 25 un | scoma | vas | Nue | BS×59 | 2N 3725 | 0 |
| $95 \times 61$ | As | r039 | LC4 | 70 V | 45 v | 5 v | 14 | 2006 | 800 MWF | 250 M 10 P | 25 un | 500 Ma | vas | MUB | 8S 55 | 2N3725 | 0 |
| - $5 \times 12$ | ns | 105 | L04 | 40 V | 25 V | 5 V |  | 175C | 700 | 100~ 10 P | 40 MN | 150MA | VMS | TFK | BSw 4 | 2N22194 | 0 |
| 45 $\times 75$ | NS | TC18 | LCl | 4 CV | 25 v | 5 V | 80 cma | $175 C$ | 430 | 100N 1CF | 40 NN | 150ma | RNS | TFK | $135 \times 33$ | 2N731 | 0 |
| 85×79 | NS | 1018 | LCl |  | 45 v | $5 v$ | l coma | 2000 | 345 MmF | 200N 5P | 50 Nm | 50 ma | RLS | TFK |  |  | 0 |
| B5×798 | NS | IC18 | LCl |  | $45 v$ | 5 v | 100MA | 200c | 345 MWF | 200M 5P | 100 mN | 1 CMA | RLS | IFK |  |  | 0 |
| - $5 \times 79 \mathrm{E}$ | Ns | 1018 | LCl |  | 45 V | $5 v$ | 100 Na | 200c | 345 MmF | 200~ 5 F | 250 Mn | 10NA | RLS | TfK |  |  | 0 |
| 85 $\times 87$ | ns | 1018 | LCl | 40 V | 15v | $5 v$ | 500 MA | 2006 | 360 MWF | 300N SP | 30 Mm | 10 Na | VLS | SGI | $35 \times 20$ | 2N2369 | 0 |
| ESX87A | NS | T018 | LCl | 40 V | 15 v | 5 V | 500 ma | 2006 | 36 C | 350 N SF | 25 NN | $1 C^{\text {cma }}$ | vas | SGI | - $5 \times 20$ | 2N2369 | 0 |
| 85×88 | NS | 1018 | LCl | 40 V | 15 v | 5 v | 500 ma | 2006 | 30 MmF | 300 M 6 P | 3 cm | 10 MA | VAS | SGI | B $5 \times 20$ | 2N2369 | 0 |
| $85 \times 884$ | NS | 1018 | LO1 | 4 cv | 2 CV | 5 v | 500 mA | 2000 | $300 * W F$ | 350M 5P | 3 mm | 100 Ma | VMS | SGI | BS×20 | 2N2369 | 0 |
| ES× 59 | NS | 1018 | LCl | 25 V | 15 v | 5 V | 500mA | 200 C | 300 NmF | 20JN 5 F | 20 MN | 10Na | VLS | SGI | BS $\times 20$ | N2369 | 0 |
| ${ }_{6} 5 \times 50$ | NS | 1018 | LOI | 20 V | 12 V | 5 V | 200 MA | 2000 | 300 MmF | 300* 5P | 20 ms | 10 NA | R1S | SGI | BS×20 | 2N2369 | 0 |
| BSx91 | ns | TC18 | LCl | 20 V | 12v | 5 v | 20CMA | 2 COC | 300 M | 300N 5P | 4 CMN | 1 CNa | RLS | SGI | $85 \times 20$ | 2v2369 | 0 |
| BSX92 | NS | TC18 | LCl | 4 cv | 15 V | 4 v | 500MA | 200C | 360 M | $400 \mathrm{M} \mathrm{4P}$ | 204 N | 1 CMA | VLS | S6I | BS $\times 20$ | 2N 2369 | 0 |
| ESx93 | AS | 1018 | LOI | 40 V | 15 V | 4 V | 500 ma | 2 COC | 360 NaF | 500N 4 P | 4 CMN | 10Na | VLS | SGI | BS $\times 20$ | 2N2369 | c |
| BS $\times 95$ | NS | 105 | LC4 | 75 V | 30 | $7 v$ | 50 cma | 2006 | 800 N | 100N 25 P | 40 Mv | 15 cma | Ans | $\checkmark$ val | BFX97 | 2N2219 | 0 |
| BSx96 | NS | 105 | L04 | 75 V | 30 V | $7 v$ | 500 Ma | 200 C | 80 Cm | 100~ 25 P | 100m | 15 CMA | ans | val | 3FX97 | 2N2219 | 0 |
| BSYIC | AS | 1039 | LC4 | 60 v | 60. | 5 V | 800 Na | 200 C | 800M | 200N 3P | 45 MA | $1 \mathrm{CMA}^{\text {ma }}$ | RMC | IIf | ESh54 | 2N2219 | 0 |
| BSY11 | ns | 1039 | LC4 | 45 v | 45 v | 5 V | 80 cma | 200C | 800NWF | 2004 8p | 60 mN | 10 Ma | RMS | TIF | BSN54 | 2N2219 | 0 |
| ESYIT | As | 1018 | LCl | 20 V | 12 V | $5 v$ | 200NA | 2000 | 1nt | 290N 5p | 20 NN | 10 Na | VLS | SIC | BSx<0 | 2N2369 | 0 |
| ESY18 | NS | 1018 | LCI | 20 V | 1.2 | 5 V | 200mA | 2 COC | IWH | 290M 5P | 40 MN | 10NA | VLS | SID | $35 \times 20$ | 2N2369 | 0 |
| 8SY1s | NS | T018 | LCI | 40 v | $15 v$ | $5 v$ | 200MA | 200C | 36 CMmF | 300M 6P | 30 mN | 1 CmA | VLS | VAL | BS $\times 20$ | 2N2369 | 0 |
| BSY20 | ns | T018 | LCI | 25 V | 15 | 5 v | 5 cma | 175 | 300min | 200M 5P | 20 mn | 10ma | VLS | MOB | BS $\times 20$ | 2N2369 | 0 |
| BSY21 | as | 1018 | LO1 | 40 V | 15 v | 5 V | 500 ma | 2000 | 360 MWF | 200N GP | 30 MN | 10ma | VLS | 193 | BS $\times 20$ | 2N2369 | 0 |
| ESY22 | NS | 1018 | 101 | 45 V | $25 v$ | $5 v$ | 200NA | $200 C$ | 36 CMWF | 200N 6P | 40 MN | 1 MA | VLS | MCP | BS $\times 20$ | 2N 2369 | 0 |
| esy<3 | As | TC18 | LC1 | 40 V | 15 v | 5 v | 200na | 175 C | 300 N | 300M 4P | 25 Mn | 1 CMA | RLS | MCB | BS $\times 2 \mathrm{C}$ | 2N236s | 0 |
| BSY27 | NS | 1018 | LC 1 | 20 V | 15 v | 6 v | 100 MA |  | 300 NWF | 200M 6P | 40 MN | 1 CMA | VIS | [18 | $85 \times 20$ | 2N2369 | 0 |
| ESY34 | NS | 1039 | LC4 | 60 V | 40 V | 60 | CMA | 2000 | 800 MmF | 250N SP | 10 NN | 500 NA | UNS | Sic | B5 559 | 2N3725 | 0 |
| -SY38 | as | 1018 | LO1 | 20 V | 15 V | 5 V | 100mA | 175 C | 300m.NF | 300 N 5 P | 30 mN | 10 MA | VLS | Nug | $35 \times 20$ | 2N2359 | 0 |
| BSY38A | NS | 1018 | LO1 | 20 V | 15 V | 5 v | 100Na | 175C | 300 MWF | 300M 5P | 30 Na | 1 CMA | VLS | NUP | BS 520 | 2N2369 | 0 |
| BSY39 | As | 1018 | LCI | 20 v | $15 v$ | 5 v | 100 ma | 175C | 300 MWF | 300M 50 | 40 MN | 10 Ma | VLS | MUB | $85 \times 20$ | 2N2369 | 0 |
| BSY39A | ns | 1018 | LOL | 20 V | 15v | 5 V | 100MA | 1756 | 300 MWF | 300M 5P | 40 MN | 10 MA | VLS | MUR | BS $\times 20$ | 2N2369 | 0 |
| ESY40 | PS | 1018 | LC1 | 25 V | 2 CV | 5 V | 100 ma | 200C | 30 cmiF | 140 N 7 F | 75 MN | 10 ma | RIS | MLB | BCY70 | 2N3965 | 0 |
| ESY4 1 | PS | 1018 | LO1 | $25 v$ | 20 V | 5 V | l00NA | 200C | 300 MWF | 140N 7P | 50 MN | 1 CmA | RLS | NUB | 8Cy70 | 2N3965 | 0 |
| BSY44 | vS | 1039 | 104 | 75 V | 50 V | $7 v$ | 1 A | 200C | 800 mwF | 60M 258 | 40 Na | 150\%A | ANS | IIf | BSN66 | 2N1893 | 0 |
| ESY45 | As | 1035 | L04 | 120 V | 80 V | 7 V | 1 A | 200 C | 800 MhF | 50N 15P | 40 NN | 150 NA | RNS | TIF | BSN66 | 2N1893 | 0 |
| BSY46 | as | 1039 | L04 | 80 V | 50 V | 8 V | 1 A | 2006 | 800 MwF | 50N 20P | 40 MN | 150 NA | RMS | TIF | BSWh6 | 2N1893 | 0 |
| ESYSI | NS | TC39 | LC4 | 60 V | 25 V | 5 V | 500MA | 200 C | 800 mh | 100N 10 P | 40 MN | 15CNA | AMG | SGI | BFY50 | 2N2297 | c |
| BSY52 | NS | 1039 | LO4 | 60 V | 25 V | 5 V | 500 Ma | 200C | 80 CMhF | 130 N 10 P | 100 mN | 15 CMA | RNS | SGI | B SW54 | 2N2219 | 0 |
| BSY53 | ns | 1039 | 104 | 75 V | 30 V | 5 V | 75 cma | 200 C | عOOMWF | 100 1 CP | 40 MN | 150 MA | RNS | SGI | BSW54 | 2N2219 | 0 |
| BSY54 | NS | 1039 | L04 | 75 V | 30 V | 7 | 750 MA | 2000 | 80 CMmF | 145 N 10 P | 100 mN | 150 MA | RNS | SGI | BSW54 | 2N2219 | 0 |
| Esy55 | AS | T039 | LC4 | 120 V | 80 V | $7 v$ | 500 Na | 200 C | 800 NWF | 100 N 10 P | 40 MN | 150 mA | RMS | SGI | BSWS 6 | 2N1893 | 0 |
| BSY56 | NS | TC39 | LC4 | 120 V | 80 V | $7 v$ | 50 CMA | 200C | 80CNWF | 145 M 10 P | 100 mN | 150 mA | RMS | SGI | BSW66 | 2N1893 | 0 |
| BSY58 | NS | 1039 | 104 | 50 V | 25 V | 5 V | 600 ma | 200 C | 800 MmF | 250M 6P | 17 MN | locma | VMS | SIO | BSX59 | 2N3725 | 0 |
| BSY59 | PS | $\times 09$ | 110 | 30 V | 30 V | 5 V | 800 ma | 150C | 280Mwf | 60\% 18 P | 60 MN | 100 ma | AMG | SIO | BSY59 | N1L | 0 |
| ESY62 | NS | 1618 | 101 | 25 V | 15 V | 5 V | 200 mA | 200 C | 1 hH | 200N 5F | 20 NN | 10 Na | RiS | SID | BF×20 | 2N2369 | 0 |
| BSY63 | NS | T018 | LO1 | 40 V | 15 v | 5 V | 200NA | 200 C | 1 WH | 300N 6 P | 30 m | 10 mA | RLS | SID | BF×20 | 2N 2369 | 0 |
| BSY7C | As | 1018 | LO1 | 25 v | 20 V | 3 V | 30cma | 200 C | 300 MWF | 200M 6P | 20 MN | 1 cma | RLS | MCB | 8S×20 | 2N2369 | 0 |
| ESY71 | as | 1039 | L04 | 75 v | 50 V | 7 V |  | 200C | 800 MWF | 50M 25P\| | 100 mN | 15 CMA | AMS | tif | BSW66 | 2N1893 | 0 |


| TRANSISTOR RUMBER | $\begin{aligned} & \text { PM } \\ & \text { OA } \\ & \text { LT } \end{aligned}$ | $\begin{aligned} & \text { PACK- } \\ & \text { AGE } \end{aligned}$ | $\begin{aligned} & \text { LEAD } \\ & \text { INFD } \end{aligned}$ | VCB MAX | VCE MAX | VEB MAX | ${ }_{\mathbf{C}}$ MAX | $\stackrel{T}{\mathrm{~J}} \underset{\text { MAX }}{ }$ | $\begin{aligned} & \text { P } \\ & \text { TOT } \end{aligned}$ | $\begin{array}{ll} F_{\text {T }} & C_{0}^{C O B} \\ \text { MIN } \end{array}$ | $H_{F E}$ | $\begin{gathered} \mathrm{H}_{\mathrm{FE}} \\ \text { BIAS } \end{gathered}$ | USE | MFR | EURO <br> EQVT． | USA EQVT． | ISS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| e 5 Y 72 | $\wedge S$ | 1018 | LCl | 25 V | 18 V | 5 V | 30MA | 200C | 200 NWF | 170N 6P |  |  |  |  |  |  |  |
| BSY73 | NS | T018 | LCl | 25 V | 18 v | 5 V | 100mA | 2006 | 200 MWF | 145M 6P | 80 MN 35 MN | INA | ALS | IIB TIR | EC 107 BC 107 | A157A A157A | 0 |
| ESY74 | AS | T018 | LO1 | 25 V | 18 V | 5 V | 100～A | 2006 | 200 MWF | 170N 6P | 35 MN 80 N | 1 MA | Als | tir | BC 107 BC 107 | A157A | 0 |
| esy75 | ns | T018 | L01 | 40 V | 32 V | $7 v$ | 250 ma | 1756 | 300 MWF | 100N 10 P | 35／100 | 1 MA | ALG | ITR | BC107 BC107 | A157A A157 | 0 |
| ESY76 | NS | TC18 | LCl | 4 CV | 32 v | 7 V | 250 MA | 175 C | 30 CNFF | 90N 10F | 80／250 | IMA | ALG | Ite | BC107 | 4157 4157 | 0 |
| ESY77 | $n \mathrm{~s}$ | 1018 | LCl | 80V | 64 V | 7 | 250NA | 175C | 300 MWF | 75M 8P | 35／100 | INA | ALC | ITR | EC107 | A157 |  |
| BSY78 | ns | 1018 | LC1 | 80 V | 64v | $7 v$ | 250MA | 1750 | 300 NWF | 90M 10 P | 80／250 | IMA | ALC | I TH | BC 107 | A157 | 0 |
| ESY79 | NS | 1018 | LCl | 12 CV |  | 5 V | 30MA | 175C | 30 CMhF | 100 N 6 P | 30 mN | INA | ALH | RTC | BC 394 | 2N4390 | 0 |
| BSY80 | NS | 1018 | LCl | 25 V | 18 V | 5 V | 100na | 175C | 30 CMWF | $100 \mathrm{~N}^{12 P}$ | 200 mN | 1 Na | ALN | ITP | BC109 | 2N930 |  |
| RSYg1 | AS | 1039 | LC4 | 40 V | 18 v | 5 v | 14 | 2 COC | SOCNWF | 100M 15 P | 40 MN | 150NA | AMS | ItB | BFY51 | 2NO30 | 0 |
| esym 2 | As | 1035 | LC4 | 40 V | 18 V | 5 V | $1 \Delta$ | 200C | 500 MWF | 120N 15P | 1 COMN | 150 NA | ANS | ITB | BFY51 | 2＾2297 |  |
| ESY83 | AS | 1039 | L04 | 80 V | 35 V | $7 v$ | 14 | 2000 | 900 NWF | 100 15 P | 40 mN | 150 NA | AMS | ITB | BFY50 | 2N2297 | 0 |
| BSY84 | NS | 1039 | LC4 | 8 cV | 35 V | $7 v$ | 1 A | 200 C | 90 CNFF | 120N 15 P | 100 mN | 15CMA | ANS | Ife | BFYSC | 2N2297 | 0 |
| BSY85 | NS | 1039 | L04 | 120 V | 64v | 7 V | 14 | 2000 | 90 CMWF | 110 N 15 P | 40 NN | 15 cma | AMS | 179 | BSW66 | 2N1893 | 0 |
| BSY86 | ns | 1039 | L04 | 120 V | 64 v | $7 v$ | 10 | 200 C | 900 mw | 130N 15 P | 100ma | 15 CNA | AmS | It ${ }^{\text {P }}$ | BSWGE | 2N1893 | 0 |
| ESY47 | NS | 1035 | LC4 | 100V | tov | $7 v$ | 50 cmA | 2006 | 800 MmF | 100～ 16 FF | 40 NN | 150NA | ANS | ITP | 8Sw6 6 | 2N1893 | 0 |
| BSY88 | NS | T039 | L04 | 120 V | 60 v | 7 | 500 Na | 2000 | 800 NmF | 145 N 10 P | 100 NN | 150 mA | ams | ITB | B SW66 | $2 N 1893$ | 0 |
| ESY89 | NS | 1018 | LCl | 25 V | 18 V | 7 V | 10 cma | 175C | 30 CNWF | 40M 15P | 150 MN | 5NA | ALS | TIP | BC107 | A1574 | 0 |
| BSY9C | NS | T039 | LO4 | 60 V | 25 V | 5 V | 500 Na | 2006 | 80 CMmF | 175 M LOP | 250 NN | 150 ma | ANS | ITP | ESW54 | 2N22194 | － |
| BSY91 | NS | 1039 | LC4 | 40 V | 25 v | 5 V | 300 Ns | 200C | 8OOMWF | 50 M 250 | 30 MN | SNA | ALE | TFK | BFY51 | 2N2297 | 0 |
| － 3 Y9\％ | NS | 1035 | LC4 | 6 CV | 40 v | 5 V | 30 cma | 2006 | 80 CNWF | 50 N 25 F | 60 NN | 10MA | ALG | TFK | BFY5 1 | 2N2297 | 0 |
| BSY93 | NS | T018 | LC1 | 60 V | 40 v | 5 V | 300 Na | 2000 | 360 MmF | 53N 25F | 60 MN | 10 mA | ALS | IFK | BC137 | A1574 | 0 |
| BSY95 | ns | TC18 | LCI | 20 V | 15 v | 5 V | 20CNA | 1750 | 300 NWF | 200M 8P | 50 MN | 1 CNA | RLS | NU3 | BS $\times 20$ | 2N2369 | 0 |
| BSY95A | NS | T018 | LC1 | 20 v | $15 v$ | 5 v | 200 MA | 1756 | 310 MWF | 200M 6P | 50 MN | $1 \mathrm{CNA}^{\text {cha }}$ | VLS | MUB | B5 $\times 20$ | 2N2369 | 0 |
| せU10ミA | AS | 1066 | 14.3 | 120 V |  | 8 V | 500～A | 2006 | 3 ChC | 100N 5CP | $50 / 200$ | 500 NA | VHH | SEL | BULO3A |  | 0 |
| EU1C4 | NS | 103 | LC5 | 40 CV |  | 10 V | 7 A | 2000 | EshC | 5 N | 10／50 | 54 | ILH | SEU |  |  | 0 |
| BL 105 | NS | 103 | LC5： | 500 V |  | 5 V | 2500 ma | 115 C | 1 CWC | 3 M | 2 TP | 2 A | TLE | nue |  |  | ， |
| E6106 | AS | 103 | LC5 | 325 V | 14 Cv | Qv | 40 A | 150C | 50 WC | 10 M | gMa | 4 A | TLN | Tis |  |  | 0 |
| 81107 | As | 103 | L05 | 3 COV | 120 V | 8 v | 104 | 150 C | 50WC | 10 M | 5 mN | 7 A | TLM | T18 |  |  | 0 |
| EU108 | NS | 103 | LC5 | 50 CV |  | 5 V | 7500 ma | 1156 | 12 wC | $3{ }^{*}$ | $41 p$ | 44 | TLE | Tip |  |  | 0 |
| Blicg | As | t03 | LCS | 33 CV |  | 1 CV | 7 A | 2 COC | 85 WC | 5 M | 15 NN | 50 | IL＋ | SEU |  |  | 0 |
| BU112 | NS | 103 | L05 | 550 V |  | 10 V | 104 | 200 C | 6 CWC | 3M400P | 7Nn | 68 | ILE | SEU |  |  | 0 |
| SU113 | As | 103 | LC5 | 700 V |  | 10 V | 10 A | 1500 | 63 hC | 3 NaOCP | 7 Mn | 8 AA | TLE | SEL |  |  | － |
| B6125 | AS | T05 | LO4 | 130 V | 60v | 5 V | 58 | 2000 | 800 WWF | 100 N | 15 MN | $5 \Delta$ | AHH | SGI | BUY47 |  | 0 |
| evilet | NS | 103 | LC5 | 75 CV | 300 v |  | 64 | 1256 | 3 ChC | 4 N | 15／60 | 1 A | RHS | Mle |  |  | 0 |
| Pu129 | Ns | ic3 | LC5 | 4 cov |  | 1 CV | 58 | 150C | 63 WC | ¢N3？0p | 20 Ma | 30 | ILt | SEL |  |  | 0 |
| 8U131 | NS | 103 | LC5 | 75 CV | 250 V | 6 v | 15 A |  | 4 CWC | 5M | 5 MN | 54 | TLN | MLB |  |  | ， |
| BUl32 | NS | 103 | LC5 | 800 V | $\epsilon \mathrm{COV}$ | 5 V | 1 A |  | 15 hC | 4 N | 25／125 | 250 NA | ANE | MLP |  |  | 0 |
| Ell34 | As | 103 | L05 |  | 350 V |  |  | 200C | 85 hc | 10 N | 30／120 | 5 A | RHS | SEL | BCY28 |  | 0 |
| Bl204 | $\mathrm{N} \leq$ | tc3 | LCS？ | 300 V | 60 cv |  | 3 A | 115C | 10 WC | 4M | 2MN | 2 A | ILE | NLB |  |  | 0 |
| BL205 | As | 103 | LC51 | 15 cov | $700 v$ |  | 3 A | 1150 | 1CWC | 4M | 2Mn | 2 A | TLE | nub |  |  | 0 |
| BU 206 | As | 103 | LC51 | 170 CV | 800 V |  | 3 A | 1156 | 10WC | 4 N | 2MM | 2 A | TLE | MLS |  |  | 0 |
| EU207 | NS | $1{ }_{10}$ | LC51 | 30 CV | tocv |  | 7500 ma | 115 C | 12 hc | 3 N | $2^{\mathrm{NN}}$ | 4500 ma | TLE | NLE |  |  | 0 |
| EしっC8 | NS | T03 | LC51 | 500 V | 100v |  | 7500～A | 1150 | 12 wC | 3 N | MN | $450 \mathrm{CNA}^{\text {a }}$ | TLE | NUR |  |  | － |
| Buz09 | ns | 103 | LC51 | 7 CCV | 80 Cv |  | EA | 115 C | 12WC | 3 M | 2MN | 3 A | TLE | MUR |  |  | 0 |
| EUY．zo | NS | 103 | LC5 | 200 v | 120 V |  | 108 | 20cc | 85 CC | 2 N | 20／300 | 3 Sa | AHH | TiE |  |  | 0 |
| euyzi | As | 103 | LC5 | 30 CV | 180 V |  | 1 CA | 2006 | 85 WC | 2 N | 20／300 | 3 A | RHF | TIB |  |  | 0 |
| Bur22 | NS | T03 | LC5 | 45 CV | 230 V |  | 1 CA | 2 COC | 85 hC | $2 N$ | 20／300 | 3 A | $\triangle H E$ | 18 |  |  | 0 |
| Bur23 | NS | 103 | LC5 | 600v | 250 V |  | 10 A | 200 C | 10 CWC | 2 L | $20 / 200$ | 2500 ma | AHE | T1星 |  |  | 0 |
| Bur23A | ns | 103 | LC5 | 100 v | 300 v |  | 1 CA | 200C | 100WC | 2 M | 20／200 | ［ 5 Coma | AHE | TIB |  |  | － |
| euyzee | NS | 103 | LC5 | 70cv | 40 cv |  | 104 | 2006 | 1CChC | 2 N | 20／200 | ？500 Ma | AHE | IIP |  |  | 0 |
| BLY38 | NS | 1066 | L43 | 90 V | 55 V | $7 v$ | 4 A | 2000 | 25 WC | 400 K | $20 / 250$ | 100 ma | AHG | ATI | BuY38 | 2N3054 | 0 |
| 8 BLYC | AS | T059 | $1 \in 3$ | 100 V | sov |  | 5 A | 2 COC | 30 WC |  | $40 / 240$ | 1 A | AHE | IIB |  |  | 0 |
| BUY41 | NS | T05 | LC4 | 125 V | gov |  | 3 A | 2006 | 15 hC | 40 M | 40／300 | 1 A | RHH | tie |  |  | 0 |
| EUY47 | AS | T039 | LC4 | LSOV | 120 v | 6V | 10 A | 200C | 7 WC | 90 M | 40 ma | 2 A | AHH | SGI | BUY47 |  | 0 |
| Eur48 | NS | TC39 | LC4 | 20 CV | 170 V | 6 V | 1 CA | 200c | 7nc | 90N | 40 NN | 2 A | AHH | SGI | HuY4 7 |  |  |
| ELYS 1 | NS | 1061 | 146 | tov | tov |  | 30 A | 2000 | 15 CWC | 10 M | 20／150 | 10 A | RHG | TIB |  |  | 0 |
| elysia | AS | 103 | LC5 | 60 V | 6 CV |  | 3 CA | 200C | 150 WC | 10 M | 20／150 | 10 A | RHC | IIB |  |  | ， |
| BuYbz | NS | 1061 | L46 | 60 V | sov |  | 304 | 200c | 15 CWC | 10M | 20／150 | 15 A | RHG | IIB |  |  | 0 |
| Buysza | NS | 103 | LC5 | 60 V | 60 V |  | 308 | 2006 | 15 ChC | ION | 20／150 | 15A | RHG | TE |  |  | － |
| elrs 3 | NS | 1061 | 146 | $100 v$ | 100 V |  | 3 CA | 2000 | 150 WC | 10 m | 20／150 | 1 CA | RHH | 18 |  |  | 0 |
| BUY53A | NS | 103 | LC5 | 1 COV | 100 v |  | 30 A | 200 C | 150 wC | 10 M | $20 / 150$ | 10 A | RHH | Tie |  |  | 0 |
| 8LY54 | AS | 1061 | 146 | 1 COV | 100 V |  | 30 A | 2006 | 15 CWC | 10 m | 2C／150 | $15 \Delta$ | RHG | TIR |  |  | 0 |
| BUY54A | As | TC3 | 105 | 100 V | 100 v |  | 3 CA | 2036 | 150 WC | 10 N | 20／150 | 15A | RHG | TIB |  |  | 0 |
| Bureo | NS | T05 | 1 C 4 | 60 CV | 400 v | 6 V | 14 | 2006 | 1 chC |  | 20 NN | 10 NA | ANE | TIE | Buybo | 2N3439 | 0 |
| plybsa | As | TC3 | LC5 1 | ccov |  |  | 1 CA | 200C | 100wC | 2 M | 15 MN | 250008 | AHE | IIB |  |  |  |
| RUY698 | NS | 103 | L05 | 800 V |  |  | 10A | 2006 | 100 WC | 2 M | 15 MN | 250 CNA | AHE | TIB |  |  | 0 |
| 8 8Y69C | NS | 103 | LC5 | 500 V |  |  | 10 A | 200C | 10 chc | 2 N | 15 NN | 2500 NA | $\triangle H E$ | tie |  |  | 0 |
| BLY70A | ns | 103 | LC51 | OoCV |  |  | 10A | 200C | 75w | $2^{2 N}$ | 15 MN | 1 A | AHE | TIB |  |  | 0 |
| 8Lr7CB | NS | 103 | LC5 | 80 CV |  |  | 1CA | 200C | 75 hC | 2 N | 1.5 NN | $1 \Delta$ | AHE | T18 |  |  | 0 |
| Bly 70 C | ns | 103 | LC5 | 5 COV |  |  | 10 A | 200C | 75 WC | $2^{M}$ | 15Mn | 14 | AFE | tib |  |  | 0 |
| BUY71 | AS | 103 | L05？ | 200 V |  |  | 1 CA | 2006 | 4 CWC |  |  |  | AHE | tib |  |  | 0 |
| eurs3 | NS | 1066 | L431 |  | 140 V |  | 3 A | 2006 | 25 hC |  | 25／100 | 500 MA | RNS | TFK |  |  | 0 |
| CV SERIES |  | SEE A |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 0 |
| E＾697 | AS | T0105 | LC4 | 60 V | 30 V | 5 V | 500 ma | 125 C | 30 CNWF | 50M 35P | 40／120 | 15 cma | AMG | FCU | 8FY50 | 2N2297 | 0 |
| EN 706 | AS | 101 Cb | 117 | 25 V | 15v | 3 v | 20 CNA | 125 C | 200 MkF | 200 M 6P | 20 NN | 10MA | RLS | FCL | BS×20 | 2N2369A | 0 |
| EN708 | As | 10106 | L17 | 40 V | 15 V | 5 V | 200ma | 1256 | 200 MWF | 300N 6P | 30／120 | 10 MA | RLS | FCU | BS $\times 20$ | 2N2369 | O |
| EN718 | NS | rolce | L17 | 60 V | 28 V | 5 V | 500MA | 1256 | 22 CMhF | 50N 35F | 40／120 | 15 cma | ANG | FCU | BC387 | 2N4401 | 0 |
| EN718A | NS | 10106 | L17 | 75 V | 40 V | $7 v$ | 500 mA | 125 C | 22 cmwF | 60 N 25 P | 40／120 | 15 Cma | AMG | FCU | BC 387 | 2N4401 | 0 |
| EN722 | PS | r 0106 | 117 | 50 V | 35 V | 5 V | 500 NA | 125 C | 200 MWF | 60 M 45 P | 30／90 | 15 cma | $\triangle M G$ | FCU | BC328 | 2N5819 | 0 |


| TRANSISTOR MUMBER | $\begin{gathered} \text { PN } \\ \text { OA } \\ \text { IT } \end{gathered}$ | $\begin{aligned} & \text { PACK- } \\ & \text { AGE } \end{aligned}$ | $\begin{array}{\|l\|} \text { LEAD } \\ \text { INFO } \end{array}$ | $\begin{gathered} \text { vCB } \\ \text { MAX } \end{gathered}$ | VCE $\operatorname{MAX}$ | VEB MAX | C MAX | $\underset{\max }{\mathbf{J}}$ | TOT | ${ }_{\text {Fin }}{ }^{C_{0}}$ |  | $H_{F E}$ | ${ }_{\text {HIAS }}^{\mathrm{F}}$ | USE | MFR | $\begin{aligned} & \text { EURO } \\ & \text { EOVT. } \end{aligned}$ | $\begin{aligned} & \text { USA } \\ & \text { EQVT. } \end{aligned}$ | ISS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | NS 1 | 10106 | 217 | 20 V | 12v | $5 v$ | 200\%A | 125C | 20 | 280\% | 5 P | 40/120 | 10 ma | RLS | FCL | $5 \times 20$ | 9 | 0 |
| ENB70 | ns | 10106 | L17 | 100 V | 60 V | $7 v$ | 500 mA | 125 C | 22 | 50 M | 20P | 40/120 | 5 | AMH | FCU | BSW6t |  | 0 |
| EN871 | NS | 10106 | 417 | 100 V | 60 V | $7 v$ | 500 MA |  | 220 | 60M | 20P | 100MN | 50 ma | AMH | FCU | 8SW66 | N1893 | 0 |
| ENS14 | AS | 10106 | L 17 | 40 V | 15v | $5 v$ | 100 mA | $125 C$ | 200 MmF | 300 N | 6 P | 0 | 10MA | RLS | FCL | BS $\times 20$ | 2N2369 | 0 |
| Engis | AS | 10106 | L 17 | 70 V | 50V | 5 V | 100MA | 1256 | 200 MWF | 250 | $3 P 5$ | 12 | 10MA | ALG | FCU | BC207 |  |  |
| EN916 | NS | 10106 | 117 | 45 V | $25 v$ | $5 v$ | 100ma | 125C | 200 MWF | 300M | 6 P | 50/200 | 10 MA | RLG | FCU | B SW64 | 12222 A | 0 |
| ENSI8 | Ns | 10106 | 117 | 30 V | $15 v$ | $3 v$ | 50 ma | 125 C | 200 | 600m | 3P | 20 MN | Ma | VLA | FCU | BF $\times 73$ | N918 | 0 |
| EN930 | NS | 10106 | 117 | 45 V | 45 V | 5 V | 30 ma | $125 C$ | 20 | 30 | ${ }^{8 P}$ | 100 mN | 100 A | ALN | FCU | BC239 | 2N5827 | 0 |
| EN956 | NS | 10106 | 117 | $75 v$ | 40 V | 7 V | 500 MA | $125 C$ | 2 | $7{ }^{1}$ | 25 P | 100 MN | 150 MA | AMG | FCU | BC 338 | 2N5818 | 0 |
| En1132 | PS | 10165 | L04 | 50 V | 35 V | 5 V | 500Na | 125C | 30 MmF | 60N | 45P | 30/90 | 150 MA | AMG | FCU | BFS95 | 4036 |  |
| EN1613 | NS | 10105 | 104 | 75 V | 50 V | $7 v$ | 600MA | 1250 | 300 | 60 M | 25P | 40/120 | 150 ma | G | U | BFY50 | 2N2297 | 0 |
| EN1711 | AS | T01C5 | 104 | $75 v$ | 50 V | $7 v$ | 600~A | 125 C | 300 | 70M | 25P | 100 MN | 150 | AMG | FCU | BFY50 | 2N2297 | 0 |
| EN2219 | AS | 10105 | L04 | 60 V | 30 V | 5 V | 800ma | $125 C$ | 350 | 250M | 8 P | 100 | 150 | RMG | FCU | BSW54 | N22 | 0 |
| En 2222 | NS | 10166 | L 17 | 6 CV | 30 V | 5 V | 800 mA | $125 C$ | 200 | 250\% | 8 P | 100 | 15 | R MG | FCU | BSW64 | 2N2222A | 0 |
| EN2369A | NS | T0106 | 117 | 40 V | $15 v$ | 4 V | 500 ma | 125 C | 200 MmF | 500\% | 4 P | 40 | 10 m | UL | FC | 85×20 | 2N2369 | 0 |
| EN2484 | NS | 10106 | 117 | 60 V | 60 V | 6 V | 50 MA | 125C | 200 MWF | GOM | 6 P | 100MN | 10UA | ALN | FCU | BC 239 | 2N5827 | 0 |
| EN2894A | PS | 10106 | 117 | 12 V | 12 V | 4 V | 200MA | $125 C$ | 200 MWF | 800 M | 4P5 | 40/120 | 30 MA | ULS | FCU | BSW24 | 4 | 0 |
| En2905 | PS | T0105 | 104 | 60 V | 40 V | 5 V | GOONA | $125 C$ | 300 MHF | 150N | 8 P | 100 MN | 150MA | AMG | FCU | BFS95 | 36 | 0 |
| EN2907 | PS | 10106 | L17 | 60 V | 40 V | $5 V$ | 600 mA | 125C | 20 CMWF | 150 M |  | 100MN | 150 mA | AMG | FCU | BC328 | 19 | 0 |
| EN 3009 | NS | 10106 | 117 | 40 V | 15 V | 4 V | 200mA | 125 C | 20 CMHF | 350 M | 5P | 30/120 | 30 Ma | VLS | FCU | BSX20 | 2N2369 | 0 |
| EN3011 | As | 10106 | 117 | 30 V | 12 V |  | 200 mA | $125 C$ | 200 MHF | 400 | 4 P | $30 / 120$ | 10 MA | VLS | FCL | BS $\times 20$ | 39 | 0 |
| EN3013 | NS | 10166 | L17 | 4 CV | 15 V | 5 V | 200 MA | $125 C$ | O | 350N | 5P | 30/120 | 10 MA | VLS | FCU | BS×20 | 2369 | 0 |
| EA3014 | NS | r0106 | L17 | 40 V | 20 V | 5 V | 200 ${ }^{\text {a }}$ | 125 C | 200 MmF | 350M | 5P | 30/120 | 30 MA | VLS | FCL | BS×20 | 2N 2369 | 0 |
| EN 3250 | PS | 10106 | L17 | 50 V | 40 V | $5 v$ | 200MA | 125 C | 200 MWF | 250M | 6 P | 50/150 | 10 MA | RLG | FCU | BSW24 | 2N2907A | 0 |
| EN 3502 | PS | 10105 | 104 | 45 V | 45 V | 5 V | 600 mA | 1256 | 300 MWF | 150M | 8 P | 100 MN | 150 MA | AMG | FCU | BFS95 | N4036 | 0 |
| EN3 | PS | T010t | 117 | 45 V | 45 V | 5 V | 6C0ma | 1256 | 2 COMWF | 150N | 8 P | 100 MN | 150 MA | AMG | FCU | BC328 | 9 | 0 |
| EA3903 | NS | 10106 | 117 | 6 CV | 40 V | 6 V | 20 CmA | 125 C | 20 CMhF | 250N | 4 P | 50/150 | 10 MA | AMG |  | BC338 | 15818 | 0 |
| EN 3904 | NS | 1092 | 114 | 60 V | 40 V | 6 V | 200MA | 125C | 20 CMWF | 300M | 4P | 100MN | 10 MA | ALN | FCU | BC 3498 | 2N3904 | 0 |
| EN3905 | PS | 10106 | 117 | 40 V | 40 V | $5 v$ | 200 MA | 1250 | 200 MHF | 200M | 4 P 5 | 50/100 | 10 MA | AMG | FCU | BC 388 | 2N4403 | 0 |
| EN3906 | PS | 10106 | 117 | 40 V | 40 V | 5 V | 200mA | 1256 | 200 MWF | 250M | $4 \mathrm{P5}$ | 100 mN | 10mA | AMG | FCU | BC388 | 3 | 0 |
| En3 | PS | 10166 | 117 | 60 V | 60 V | 6 V | 200NA | 125 | 200 MwF | 40 N | 6 P | 100 MN | 10 MA | ALN | FCU | BC309 | 2N6003 | 0 |
| ESMI | AS | tce | 143 |  | 60 v |  |  | 2006 | 25WC | 60 M |  | 50/150 | 1 A | VHG | SEU |  |  | 0 |
| ESM128 | NS | 106t | 143 |  | cov |  |  | 200 C | 25 WC | 60 M |  | $50 / 150$ | 1 A | G | SEU |  |  | 0 |
| ESM13A | ns | 103 | 105 |  | cov |  |  | 200C | 5 CmC | 50 M |  | 50/150 | 2 A | HG | SEU |  |  | 0 |
| ESM138 | AS | 103 | 105 |  | 80 V |  |  | 200C | 50 WC | 50 M |  | $50 / 150$ | 2 A | VHG |  |  |  |  |
| ESM14A | N | 103 | L05 |  | 60 V |  |  | 200 C | 117 hC | 40 N |  | 50/150 | 54 |  | SEU |  |  | - |
| ES | As | IC3 | L |  | EOV |  |  | 200 | 117 | 40 M |  | 50/150 | $5 A$ | VHG | SEU |  |  | 0 |
| ES | AS | 3 | LCS | 550 V | 400 V | 10 V | 10A | 200C | 150 WC | 5M |  | 30 MN | 2 A | TLH | SEU |  |  | 0 |
| ESM18 | NS | 103 | 105 |  | 100V |  | 40 A | $200 C$ | 175 wC | 1 M |  | 20160 | 20 A | - | SEU |  | 2N568t | 0 |
| ESN113 | ns | 103 | 105 |  | 60 V |  |  | 200 C | 90 WC | $\mathrm{I}^{\mu}$ |  | 1000 mN | 3 A | D | SEU |  |  | 0 |
| ESM114 | NS |  |  |  | 8 CV |  |  | 2006 | 9 CmC | 1 M |  | 000 | 3 A | H | SEU |  |  | 0 |
| ES | as | 10 | 105 |  | EOV |  |  | 200 C | 15 | 1 M |  | 1000 mN | 5 A |  | SEU |  |  | 0 |
| ES | ns | 103 | 105 |  | BOV |  |  | 200 | 150 WC | 1 M |  | 1000 mN | 5 A | AHD | SEU |  |  | 0 |
| FPS6512 | NS | 1092 | 1.14 | 40 V | 30 V | 4 V | 100MA | $125 C$ | 625 MhF | 125M | $3 P 5$ | 50/100 | 2 MA | ALG | FCU | BC 347 A | 2N3 903 | 0 |
| FPS6513 | NS | 1092 | L14 | 40 V | 30 V | 4 V | 100\%A | 125C | $62544 F$ | 125 M | 3P 5 | 90/180 | 2 MA | ALG | fCU | BC347A | 2N3903 | 0 |
| FPS6514 | ns | 1092 | 114 | 40 V | 2 | $4 v$ | 100MA | 125 | 625 | 200 M | $3 P 5$ | 150 m | 2 MA | Ala | FCU | BC 349 C | 2N3904 | 0 |
| FPSES 15 | NS | 1092 | 114 | 40 V | $25 v$ | 4 V | 100 ma | 1256 | 625 | 200N | $3 P 5$ | 250 Mn | 2 ma | ALN | FCU | BC 349C | 2N3904 | 0 |
| FPS6516 | PS | 1092 | 114 | 40 V | 40 V | 4V | 200 mA | 1256 | 625 MmF | 200N | 4 P | 50/100 | 2 MA | AMG | FCU | BC388 | 2N4403 | 0 |
| FPS6517 | PS | 1092 | 114 | 40 V | 40 V | 5 V | 200 mA | 125 C | 625 MkF | 200N | 4 P | 90/180 | 2 MA | AMG | FCU | BC388 | 2N4403 | 0 |
| FPS6518 | PS | 1092 | 114 | 25 V | 25 V | 4 V | 1 COMA | 1250 | 625 MWF | 340 M | 4 P | 150 MN | 2 MA | ALG | FCU | BC 388 | 2N4403 | 0 |
| FPS6519 | PS | 1092 | 114 | 25 V | $25 V$ | 4 V | 100 ma | 1256 | 625 NmF | 340 M | 4P | 250Mn | 2 Ma | ALN | FCU | BC3528 | 2N3906 | 0 |
| FPS6520 | NS | 1092 | 114 | 4 cV | 25v | 4V | 100 mA | 125C | 625 | 200\% | $3 P 5$ | 200 | 2 MA | ALN | FCU | BC 349 C | 2N3904 | 0 |
| FPS6521 | NS | 1092 | L14 | 40 V | $25 v$ | 4 V | 100 mA | 125C | 625 | 200\% | $3 P 5$ | 300 | 2 MA | ALN | FCU | BC349C | 2N3904 | 0 |
| FPS6522 | PS | 1092 | 114 | $25 v$ | 25 V | 4 V | 100 mA | 125 C | 625 MWF | 340M | 4 P | 200mN | 2 MA | ALN | FCU | BC3528 | 2N3906 | 0 |
| FPS6523 | PS | 1092 | 114 | 25 V | $25 v$ | 4 V | 100MA | 1250 | 625 MWF | 340 M | 4 P | 300 mN | 2 MA | ALN | FCU | BC352B | 2N3906 | 0 |
| FFS653C | ns | 1092 | 114 | 60 V | 40 V | 5 V | 600 MA | 125 C | 625 MHF | 200M | 5 P | 40/120 | 100MA | AMG | FCL | BC387 | 2N4401 | - |
| FFS 6531 | NS | 1092 | 114 | 60 V | 40 V | 5 v | 600 ma | 125 C | 625 MWF | 200~ | 5 P | 90/270 | 10 CMA | AMG | FCU | 8C387 | 2N4401 | 0 |
| fpS6532 | NS | 1092 | L14 | 50 V | 30 V | 5 V | 600 MA | 125C | 625 MWF | 200M | 5 V | 30 mN | 1 COMA | AMG | FCU | BC 387 | 2N4401 | 0 |
| FPS6533M | PS | 1692 | 114 | 40 V | 40 V | 4 V | 600 mA | 125 C | 625 MinF | 130 M | 8 P | 40/120 | 1 CCMA | AMG | FCU | BC388 | 2N4403 | 0 |
| FPS6534M | PS | 1092 | 114 | 40 V | 40 V | 4 V | 600 mA | $125 C$ | 625 MwF | 130 M | 8P | $90 / 270$ | 100ma | AMG | FCU | BC 388 | 2N4403 | 0 |
| FPSE535 | PS | 1092 | 114 | 30 V | 30 V | 4 V | 600ma | 1250 | 625 MmF | 130N | 8 P | 30 NN | 1 coma | AMG | FCU | BC388 | 2N4403 | 0 |
| FPS6560 | NS | 1092 | 114 | $25 v$ | 25 V | 4 V | 600 MA | 125C | 625 MWF | GOM | 30P | $50 / 200$ | scoma | AMG | FCU | BC387 | 2 N 4401 | 0 |
| FPS6561 | NS | 1092 | 114 | 20 V | 20 V | $4 v$ | GOONA | $125 C$ | 625 MwF | 60 M | 30 P | 501200 | 350 MA | AMG | FCU | BC 387 | 2N4401 | 0 |
| FPS6562 | PS | 1092 | 114 | 25 V | 25v | 4 V | 600 Na | 1250 | E25MWF | 60 m | 30 P | 50/200 | 500 Ma | $A^{M} \mathrm{G}$ | FCU | BC 388 | 2N4403 | 0 |
| FFS6563 | PS | 1092 | 114 | 20 V | 20 V | 4 V | 600 MA | 1256 | 625 MWF | 60 M | 30 P | $50 / 200$ | 350 ma | AMG | FCU | BC388 | 2N4403 | 0 |
| F9S6565 | NS | 1092 | 114 | 60 V | 45 V | 4 V | 200MA | 125 C | 625 MHF | 200 M | 3P 5 | 40/160 | 10 ma | ALG | FCU | BC 3474 | 2N3903 | 0 |
| FPS656t | ns | 1092 | 114 | 60 V | $45 v$ | 4 V | 200 mA | 125 C | 310 MHF | 200 M | 3P 5 | 100 mN | loma | ALN | FCU | BC349C | 2N3904 2N3904 | 0 |
| FPS6571 | As | 1092 | 114 | 20 V | 20 V | 3 V | 50 MA | 1350 | 310 MHF | 100M | 5 P | 250MN | 100UA | ALN | FCU | BC 349 C | 2N3904 | 0 |
| FT107A | NS | 1018 | 101 | 30 V | 30 V |  | 100MA | $175 C$ | 300 MmF |  |  | 12000 NN | 10 ma | ALN | FCU | BC 109C | 2N930 | 0 |
| Filotb | ns | 1018 | 101 | 45v | 45v |  | 100 mA | 175C | 300 MHF |  |  | 600 MN | 10 ma | ALN | FCU | BC109C | 2N930 | 0 |
| F1107C | NS | 1018 | LCl | 60 V | 60 V |  | 100 NA | $175 C$ | 300 mmF |  |  | 150 MN | 1 Cma | ALN | fCU | BC109C | 2N930 | 0 |
| F1709 | As | 1018 | LCI | 15 V | 6 V | $4 \checkmark$ | 200~A | 175C | 300 MWF | 600M | 3 P | 30/125 | 10MA | ULS | FCL | BS $\times 20$ | 2N2369 | 0 |
| FI 1746 | PS | 1018 | 101 | 30 V | 30 V | 5 V | 200ma | 175 C | 360 MLF | 100M | 9 P | 20 MN | 10MA | ALG | FCU | BC177 | 2N3965 | 0 |
| F13905 | PS | 1018 | L01 | 40 V | 40 V | 5 V | 200MA | 175C | 36 CMHF | 200M | 4P5 | 50/150 | 10 Ma | AMG | FCU | BSW24 | 2N2907A | 0 0 |
| F13906 | PS | 1018 | LO1 | 40 V | 40 V | 5 V | 200MA | 175C | 360M4F | 250M | $4 P 5$ | 100 mN | 10 ma | AMG | FCU | BSW24 | 2N2907A | 0 |
| GE 17 |  | $\times 06$ | 108 | 16 V | 16 V | 16 V | 8 A | 80 C | 2 CWH | 150K |  | 7 Mn | 8 8 | AHG | OBS | OC 28 | 2N1536 | 0 |
| GEtB | PG | $\times 06$ | 108 | 32 V | 32v | 16 V | 8 A | 80 C | 20 wH | 150k |  | 7 mN | 8 8 | AHG | 08S | OC 28 | 2N1536 | 0 |
| GET9 | PG | $\times 06$ | 108 | 64 V | 64V | 16 V | 8 A | ${ }^{80 C}$ | 20 WH | 150k |  | 7 MN | 8 8A | AHG | OBS | OC28 | 2N1536 | 0 |
| GETIC2 | PG | IO1 | L02 | 30 V 30 V |  | 15 V 15 V |  | 85C | 200 MbF 200 mWF | 750K | 90P | 60 mN 30 mN | 1 ma | ${ }_{\text {a }}^{\text {Al }}$ A | Oes | AC126 | 2N2431 | 1 |


| TRANSISTOR NUMBER | $\begin{aligned} & \text { PM } \\ & \text { OA } \\ & \text { LT } \end{aligned}$ | $\begin{gathered} \text { PACK- } \\ \text { AGE } \end{gathered}$ | $\begin{aligned} & \text { LEAD } \\ & \text { INFO } \end{aligned}$ | VCB MAX | VCE MAX | VEB MAX | ${ }_{\text {MAX }}^{\mathbf{C}}$ | T J MAX | $\begin{aligned} & \text { P } \\ & \text { TOT } \end{aligned}$ | $\begin{array}{ll} \text { F } & C_{0 B} \\ \text { MIN } & \text { MAX } \end{array}$ | H FE | $\begin{gathered} \mathrm{H}_{\mathrm{FE}} \\ \text { BIAS } \end{gathered}$ | USE | MFR | $\begin{aligned} & \text { EURO } \\ & \text { EQVT. } \end{aligned}$ | $\begin{aligned} & \text { USA } \\ & \text { EQVT. } \end{aligned}$ | ISS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| GE1104 | PG | 101 | LC2 | 30 V | 307 | 15 V | 1 A | 85 C | 20 CMhF | OK 90p | 30 MN | 1 MA | Al A | OeS | AC126 | 2N2431 | 0 |
| GE1105 | PG | $\times 05$ | 102 | 40 V | 40 V | 15 V | 1A | 85 C | 440 MH | 600k 75P | 30 MN | 50 MA | ALA | NEM | CV7002 | $2 N 2431$ | 0 |
| GET106 | PG | 101 | 102 | 15 V | 15 V | 15 V | 100~A | 85 C | 200 Mb | 750K 90p | 30 MN | 1 ma | ALN | OBS | AC125 | 2N406 | 0 |
| GET110 | PG | $\times 05$ | 102 | 40 V | 40 V | 15 V | 1 A | 85 C | 440 MHF | 600K 75P | 20 mN | 500 ma | ama | Oes | CV7002 | 2N406 | 0 |
| GEII11 | PG | 101 | L02 | 60 V | 60 V | 15 V | 14 | ${ }^{85}$ | 200 mWF | 750 K 90 P | 15 MN | 1 MA | ALH | OBS | CC77A | 2N1176B | 0 |
| CE1113 | PG | 101 | LC2 | 15 V | 15 V | 15 V | $1 A$ | 85 C | 20 CMWF | 750K 90P | GOMN | INA | AL | 0ES |  |  |  |
| GET114 | PG | T01 | 102 | $15 v$ | 15 v | $15 v$ | 1 A | 85 C | 200 MWF | 750K 90P | 60 MN | 1 MA | ALA | OBS | AC 126 | 2N2431 | 0 |
| GET115 | PG | $\times 05$ | LC2 | 15 V | 15 V | 15 V | 1 A | 85 | 440 MhF | 750 K 90 P | 30 mN | 50 MA | ALG | OBS | AC 7002 | 2N2431 | 0 |
| GET116 | PG | $\times 05$ | L02 | 30 V | 30 V | 15v | 1 A | 85 C | 440 MHF | 750k 90P | 30 mN | 50 mA | AL $G$ | OBS | CV7002 |  | 0 |
| GET120 | PG | $\times 05$ | LC2 | 30 V | 30 V | 15 V | 1 A | $85 C$ | 44 CNWF | 750k 90P | 20 mN | 500 ma | AMG | OBS | CV7002 |  | 0 |
| CEI535 | PG | 105 | LC4 | 30 V | 30 V | 15V | 150 CmA | 85 C | OOMWH | 500K 90P | 30 MN | 1 Cma | ALG | OBS | Cr |  | 0 |
| GE1536 | PG | 105 | LC4 | 30 V | 30 V | 15 V | 1500 ma | 856 | 800 MWH | 500k 90P | 50 MN | loma | Alg | OBS | ACY17 | 2N1176 | 0 |
| GE1538 | $P \mathrm{PG}$ | T05 | LC4 | 60 V | 60 V | $15 v$ | 1500 ma | 85 C | 800 MWH | 500k 90P | 30 MN | loma | ALG | OBS | ACY17 | 2N1176 | 0 |
| GET571 | PG | $\times 06$ | 108 | 16 V | 16 V | 15 v | 12A | 85 C | 26 WH | 150K | 8 mN | 12 A | AHg | OBS | OC28 | 2N1536 | 0 |
| CEJ572 | $P G$ | $\times 06$ | LCE | 32 V | 32 V | 15 v | 12 A | 85 C | 26 WH | 150 K | BMN | 12 A | ${ }_{\text {AHG }}$ | ORS | OC28 | 2N1536 | 0 |
| CE1573 | PG | $\times 06$ | LC8 | 64 V | 64 V | 15 V | 12 A |  | 26 WH | 150k | 8 mN | $12 \Delta$ | AHG | CBS | OC 28 | 2N1536 | 0 |
| GET870 | PG | 101 | 102 | 15 V | 15 V | 15 V | 125 MA | $85 C$ | 55 MWF | 8 N 12 P | 30 MN | 25 MA | ALN | OBS | OC44N | 2N2614 | 0 |
| GE1871 | PG | TO1 | LC2 | 15 V | 10 V | 15 V | 125 MA | 85 C | 55 mFF | 2N 12F | 20 NN | 25 MA | RLS | CBS | OC44N | 2N2614 | 0 |
| GE1872 | $P \mathrm{PG}$ | TO1 | LO2 | 15 V | 12 V | 15 V | 125 NA | 85 C | 55 MWF | 4 N 12 P | 30 NN | 25MA | RLS | CBS | OC44N | 2N2614 | 0 |
| GET873 | PG | TO1 | LC2 | 15 V | 12 V | 15 V | 10 MA | 85C | 55 MHF | 2M 12P | 20 mN | 1 MA | RLA | oes | OC44N | 2N2614 | 0 |
| GET874 | PG | 101 | LC2 | 15 V | $12 v$ | 15 V | OMA | 85 C | 55 MWF | 4N12F | 30 mn | 1 M | RL | CBS | CC44N | 2N2614 | 0 |
| GET875 | PG | r01 | L02 | 15 V | 12 V | 15 V | 10 MA | 85 C | 55 MWF | 8N 12 P | 50 | IMA | RLA | CBS | OC44 ${ }^{\text {a }}$ | 2N2614 | 0 |
| GET880 | PG | 105 | LC4 | 20 V | 15 V | 12 V | 100 MA | 90C | 120 NmF | 3 N 12 F | 40 MN | IMA | RLG | ces | CC44N | 2N2614 | 0 |
| CEI881 | PG | 105 | L04 | 20 V | 15 V | 12 V | 500 mA | 90 C | 120 MWF | 2M 12 P | 50 mN | 5 MA | RLS | OBS | OC44N | 2N2614 | 0 |
| CET882 | PG | 105 | LC4 | 20 V | 15 v | 12 V | 50cna | 90 C | 120 MWF | 6M 12P | 60 MN | 5 MA | RLS | OBS | OC44N | 2N2614 | 0 |
| GET885 | PG | 105 | $1 \mathrm{LC}_{4}$ | 20 V | 15 V | 12 V | 50 CMA | 90 C | 12 CMhF | 12N 12F | 60 MN | 5 MA | RLS | CBS | CC44N | 2N2614 | 0 |
| GET887 | PG | 105 | L04 | 20 V | 15 V | 12 V | 100 ma | 90 C | 120 MWF | 3 N 12 P | 40 MN | IMA | RLA | CBS | OC44N | 2N2614 | 0 |
| CET888 | PG | T05 | LC4 | 20 V | 15 V | 12 V | 10 CmA | 90 C | 12 CMWF | 3 M 12 P | 75 MN | IMA | RLA | OBS | OC44N | 2N2614 | 0 |
| CE1889 | PG | 105 | LC4 | 20 V | 15 V | 12 V | 100 MA | 906 | 120 MWF | 6 M 12 P | 40 MN | 1 MA | RLA | OBS | OC44N | 2N2614 | 0 |
| GET890 | PG | 105 | LC4 | 20 V | 15v | 12 V | 100 ma | 90 C | 120 MWF | 6 M 120 | 75 Mm | 1 MA | RLA | CBS | OC44 | 2N2614 | 0 |
| GET8G1 | $P \mathrm{P}$ | TC5 | $\mathrm{LCH}_{4}$ | 25 V | 20 V | 12 V | 50cma | 90 | 12 CNmF | 2N 12 p | 50 NN | 5 MA | RLS | OBS | OC44N | 2N2614 | 0 |
| GEI892 | PG | 105 | 104 | 25 V | OV | 12 V | 500 mA | 90 C | 120 MWF | 6 M 12P | GOMN | 5MA | RLS | OBS | OC44N | 2N2614 | 0 |
| CET895 | PG | T05 | LC4 | 25 V | 2 CV | 12 V | 500~A | 90 C | 120 | 12M 12P | GOMN | 5 MA | RLS | OBS | OC44 | 2N2614 | 0 |
| GEI896 | PG | 105 | LC4 | 20 V | 15 V | 12 V | 100 mA | 90 C | 120 MWF | 2 M 12 P | 16 | 25 MA | RLS | 085 | OC44n | 2N2614 | 0 |
| GE 1897 | PG | 105 | $1 \mathrm{CO}_{4}$ | 25 V | 15 v | 12 V | 100 ma | 90 C | 120 MmF | 2 N 12 F | 25Nn | 25 MA | RLS | CBS | OC44^ | 2N2614 | 0 |
| CEIBG8 | PG | 105 | LC | 25 V | 5 | 12 V | 100 MA | 90 C | 12 CMWF | 2M 12 P | E2MN | 25NA | RLS | OBS | OC44N | 2N2614 | 0 |
| GET914 | NS | 1018 | LCl | 40 V | 15 v | 5 v | 200ma | 125 C | 360 MWF | 300M 6P | 30 mN | 10 MA | VLS | GEU | BSx20 | 2N 2369 | 0 |
| GET2221 | ns | TC18 | LC1 | 60 V | 30 V | 5 v | 40 CNA | 1256 | 360 MWF | 200M 8P | 20Mn | 150 ma | RMS | GEL | BSW64 | 2N2222A | 0 |
| GET 2222 | ns | 1018 | LOI | 60 V | 30 V | 5 V | 400 MA | 1250 | 360 NHF | 200N 8P | 50 m | 150 mA | RMS | GEU | BSW64 | 2N2222A | 0 |
| GET 2369 | NS | T018 | LCl | 4 CV | 15 v | 5 V | 20 cma | 125C | 36 CNWF | 350 N 7 P | 40 mN | 1 cma | VLS | GFU | BS×20 | 2N2369 | 0 |
| GEI3C13 | ns | 1018 | LC | 40 V | 15 V | $5 v$ | ONA | 125 C | OMWF | 350 M 7 P | 3 CMN | 3 CMA | VLS | GEU | ES×2C | 2N23694 | 0 |
| CET3014 | AS | 1018 | LCl | 40 V | 20 V | 5 V | 200mA | 1250 | 360 MWF | 350 M 7 P | 30 mN | 3 cma | VLS | GEU | BS $\times 20$ | 2N2369 | 0 |
| GET3638 | PS | 1018 | LCI | 25 V | 25 V | 4 V | 350 Na | 125C | 360 M | 150N 15P | 25 NN | 10 Na | RLG | GEU | BSW24 | 2N2907A | 0 |
| GET3638A | PS | T018 | L01 | 25 V | 25 V | 4 V | 35 cma | 125 C | 360 N | 150N 15P | 100 mN | 10 Na | RLG | GEU | BSW24 | 2N2907A | - |
| CE13646 | NS | 1018 | LCl | 40 V | 15 V | 5 V | 200 mA | 125 C | 36 CMhF | 350 N 7 P | 30 NN | 3 cmA | VL 6 | GEU | BSW64 | 2N2222A | 0 |
| CM290A | PG |  |  | 20 V | 15 V | CV3 | 5 CMA | 100 C | 75 MWF | 350 M | 20 MN | 3NA | ULA | TIR |  |  | 0 |
| GN378A | $P \mathrm{E}$ |  |  | 20 | 15 V | OV3 | 50 MA | 100 C | 75 NWF | $360 \mathrm{M} \mathrm{1P8}$ | 20 mN | 3 MA | vLA | IIS |  |  | 0 |
| GM656A | PG |  |  | 2 CV | 15 V | Cu3 | 5 cma | 100 C | 75 N | 350 N | 20 MN | 3 Na | ula | 118 |  |  | - |
| G 140 | ${ }^{\text {PG }}$ | $x 01$ | 103 | 9 v | 9 v | 6 V | 100MA | 75C | 100 M | 1 N 15 P | 15 MN | 1 MA | RLA | ces | OC44N | 2N2614 | 0 |
| G14 | PG | $\times 1$ | C3 | sv | gv | 6 V | 100MA | 750 | 10CNWF | 2M 15P | 15 MN | 1 ma | pla | OES | OC44N | 2N2614 | - |
| GT 4 | PG | $\times 01$ | ç | V | 9 | 6 V | 10cma | 750 | 100 MhF | 4N 15P | 30 NN | IMA | RLA | CBS | OC44N | 2N2614 | 0 |
| G143 | $P G$ | $\times 01$ | LC3 | 9 V | 9 v | 6 V | looma | 750 | 100 m | 6 N 15 P | 50 mN | IMA | RLA | CBS | OC44 1 | 2N2614 | 0 |
| GT44 | PG | $\times 1$ | LC3 | 25 V | 25 v | 6 V | 100ma | 15 C | 10 CN | 1 N 15 F | 15 MN | 1 Na | RLA | OBS | OC44N | 2N2614 | 0 |
| G 145 | PG | $\times 01$ | LC3 | 25 V | 25V | 6 V | 100m4 | 75 C | 10 CMWF | 2N 15P | 15 NN | 1 MA | RLA | OBS | OC44N | 2N2614 | 0 |
| G146 | PG | $\times 1$ | LC? | 25 V | 25 V | 6 V | locma | 75 C | 100 MWF | $4 \mathrm{M} \mathrm{15P}$ | 30 mN | IMA | RLA | OBS | 0644 N | 2N2714 | - |
| GI47 | PG | $\times 01$ | LC3 | 2 EV | 25 V | 6 V | l0CmA | 750 | 10CMWF | 6N 15P | 50 NN | INA | RLA | CBS | CC44N | 2N2614 | 0 |
| MA0401 | PS | 105 | 104 | 60 V | 50 V | 5 V | 600 Na | 200C | 600 NWF | 200 N 10 P | 40/200 | 150 mA | RMG | MCA | BF×29 | 2N2905A | 0 |
| M A04C2 | PS | 105 | LC4 | 60 V | 50 V | 5 v | 600MA | 200C | 60 CMWF | 200M 10P | 100 MN | 150 cma | RMG | NCB | $8 \mathrm{FX29}$ | 2N2905A | 0 |
| Na0404 | PS | 1018 | L01 | 25 V | 25 V | 4 V | goona | 200 C | 400 MWF | 150 M 12P | 30/300 | 50 mA | RNG | MCB | BSW24 | 2N2907A | 0 |
| NAC404/1 | PS | 1018 | LC 1 | 40 V | 30 V | 5 V | 60 cma | 2006 | 400 MWF | 200M 12P | 36/200 | 50 MA | RNG | MCB | 3SW24 | 2N2907A | 0 |
| MA04C4/2 | PS | TC18 | LC1 | 40 V | 30 V | 5 V | 600MA | 2006 | 400 NWF | 200~ 10 F | 75/300 | 5 Cra | RNG | MCE | BSW24 | 2N2907A | 0 |
| MAC411 | PS | 1018 | LOL | 60 V | 45 V | 6 V | 100MA | 200 C | 300 MwF | 100N 6 F | 100 MN | 1 MA | ALG | MCE | BC 177 | 2N3965 | 0 |
| NAC412 | PS | 1018 | $\llcorner 01$ | 60 V | 45 V | 6 V | locna | 200 C | 300 MWF | 100M 6P | 200ma | IMA | ALA | MCB | BC1 19 | 2N3965 | 0 |
| NAO413 | PS | 1018 | LC1 | 40 V | 25 V | 5 V | 100MA | 200 C | 300 MWF | 100M 6P | 60/180 | 1 MA | ALG | MCB | BC 177 | 2N3965 | 0 |
| MAC414 | PS | 1018 | 101 | 25 V | 25 V | 4 V | 100NA | 2006 | 300 MhF | 100N 6P | 50/500 | 1 MA | ALG | MC ${ }^{\text {e }}$ | BC 177 | 2N3965 | - |
| MA0461 | PS | T018 | 1 Cl | 60 V | 50 V | 6 V | 300 mA | 2000 | 36 CMWF | 175N 7F | 50/200 | 1CNA | AMG | MCE | BSW24 | 2N2907A | 0 |
| MA0462 | PS | 1018 | L01 | 50 V | 40 V | 6 V | 300 ma | 200 C | 360 MWF | 175M 7P | 100 NN | 1 ONA | AMG | MCE | BSW 24 | 2N2907A | 0 |
| NAC463 | PS | T018 | LC1 | 30 V | 20 V | 5 V | 300MA | 200 C | 360 MWF | 175M 7P | 50/300 | 10 ma | AMG | MCB | BSW24 | 2N2907A | 0 |
| MA0491 | PS | 1018 | 101 | 30 V | 20 V | 5 V | 20 CMA | 2 COC | 360 MWF | 375M 8P | 30/120 | 30 MA | RNG | MCB | BSW24 | 2N2907A | 0 |
| MA0492 | PS | 1018 | LCl | 25 V | 16 V | 5 V | 200MA | 2006 | 360 MhF | 375N 8P | $50 / 150$ | 30 MA | R NG | MCE | BSW24 | 2N2907A | - |
| $\mathrm{NAO4G3}$ NALICl | PS | 1018 1018 | LCl LCl | 15 V | 12 V 45 | 5 V | 20Cra | 2000 | 36 CMWF | 375 M <br> 150 P <br> 8 P | 30/150 | 3 cma | RMG | MCB | BSW24 | 2N2907A | 0 |
| NA4102 | AS | T018 | LC1 |  | 45 V | 5 V | 30 | 2006 | 300 MWF 300 MWF | $\begin{array}{ll}150 \mathrm{M} & 5 P \\ 150 \mathrm{M} & 5 \mathrm{P}\end{array}$ | $70 / 300$ 200 NN | 1 MA 1 MA | ALG | MCB MCE | BC 107 | A1 57 | 0 |
| MA4103 | ns | 1018 | 201 |  | 40 V | 5 V | 30 ma | 2000 | 300 NWF | 150N 5P | 100 mN | 1 MA | aln | MCE | BC109 |  | 0 |
| MA41C4 | NS | TCIE | LCI |  | 25V | 4 V |  | 200 C | 30 cmwF | 150N 5P | 50/500 | 1 ma | Al ${ }_{\text {al }}$ | MCB | BC109 |  | 0 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 0 |
| M 460001 | ns | rcis | LC1 | 40 V | 30 V | 5 V |  | 200 C | 400mwF | 200M 10P | 30/200 | 5 CMA | RMG | MCB | BSW64 | 2N2222A | 0 |
| M46002 | NS | 1018 | LO1 | 40 V | 30 V | 5 V |  | 2006 | 400 MHF | 200M 10 P | 75/300 | 50 MA | RMg | MCB | BSW64 | 2N2222A | 0 |
| MA6003 | NS | 1018 | LC 1 | 25 V | 25 v | 4 V |  | 200 C | 400 MmF | 150 N 12 P | 30/300 | 50 mA | RNG | MCP | BSW64 | 2N2222A | 0 |
| Ma6101 | NS | 105 | L04 | 70 V | 50 V | 6 V |  | 200C | 60 CMWF | 200~ 10 P | 40/200 | 150 ma | RMG | MCB | BSW54 | 2N2219A | 0 |
| maticz | as | T05 | 104 | 60 V | 45 V | 6 V |  | 200C | 600 MHF | 225M 10P | 100 MN | 15 cma | RM | MCB | BSW54 | 2N219 |  |


| TRANSISTOR NUMBER | $\begin{aligned} & \text { PM } \\ & \text { OA } \\ & \text { LT } \end{aligned}$ | $\begin{array}{r\|l} \text { PACK- } & \mathrm{I} \end{array}$ | $\begin{aligned} & \text { LEAD } \\ & \text { INFO } \end{aligned}$ | $\begin{aligned} & \text { VCB } \\ & \text { MAX } \end{aligned}$ | $\begin{gathered} \text { VCE } \\ \text { MAX } \end{gathered}$ | VEB MAX | ${ }_{\text {MAX }}^{\mathbf{C}}$ | $\underset{\text { MAX }}{\mathbf{T}}$ | $\begin{aligned} & \text { P } \\ & \text { TOT } \end{aligned}$ | $\begin{array}{ll} F_{\mathrm{T}} & \mathbf{C}_{\text {OB }} \\ \text { MIN } \end{array}$ | $H_{F E}$ | $\begin{gathered} \mathrm{H}_{\mathrm{FE}} \\ \text { BIAS } \end{gathered}$ | USE | MFR | $\begin{aligned} & \text { EURO } \\ & \text { EQVT. } \end{aligned}$ | USA EQVT. | ISS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| MAE001 | AS | 105 | 104 | 4 CV | 30 V | 5 V |  | 2 COC | 80 CMWF | 100~ 12 P | 30MN | 150 ma | AMG | MCB | BFY50 | 2N2297 | 0 |
| MA8002 | NS | 105 | 104 | 120 V | 80 V | 7V | 800MA | 200 C | 80 CMW | 50 N 10 P | 40/200 | 150 MA | AM | MC ${ }^{\text {c }}$ | BSW | 2N1893 | 0 |
| MA8003 | NS | 105 | 104 | 80 V | 60 V | 7 V | 800 MA | 200 C | 80 CMWF | 50 M 10P | 100 MN | 150 mA | AMH | MC B | BFY50 | 2297 | 0 |
| Mag00 1 | AS | TC18 | LC1 | 40 V | 15 V | 4 V 5 |  | 200C | 360 MWF | 400M 4P | 40/120 | 10 mA | VLS | MCB | BS $\times 20$ | N2369 | 0 |
| *A9002 | AS | 1018 | 101 | 30 V | 12V | 4 V 5 |  | 200 C | 360 MWF | 400M 4P | 30/150 | 10 MA | VLS | MCB | BS×20 | 2N2369 | 0 |
| MAS003 | NS | 1018 | L01 | 18 V | 12 V | 4 V |  | $200 C$ | 250 MmF | 300 m 4 P | $35 / 200$ | 10 MA | VLS | MCE | BS $\times 20$ | 2N2369 | 0 |
| ME0401 | PS | T0106 | L17 | 6 CV | 50 V | 5 V | 600 ma | 165 C | 36 CMHF | 150 M 16 P | 40/200 | 150 MA | AMG | MCB | BC328 | 2N5819 | 0 |
| ME0402 | PS | 10106 | 117 | 60 V | 50 V | 5 V | 600 mA | $165 C$ | 360 M | 150 M 16P | 100 MN | 150 MA | ANG | MCE | BC 32 | 19 | 0 |
| ME0404 | PS | 10106 | 117 | 25 V | $25 v$ | 4 V | 600 NA | $165 C$ | 360 MWF | 150 M 12 P | 30/300 | 50 MA | ANG | MCB | BC 328 | 2N5819 | 0 |
| MEC404/1 | PS | 10106 | L17 | 40 V | 30 V | 5 V | 600 mA | $165 C$ | 360 MWF | 200 N 10 P | 30/200 | 50 MA | AMG | MCB | BC328 | 2N5819 | 0 |
| ME04C4/2 | PS | T0106 | L17 | 40 V | 30 V | 5 V | GOONA | 165C | 36 CMHF | 200N 10 P | 75/300 | 5 cma | AMG | MCE | BC328 | 2N5819 | 0 |
| NE0411 | PS | T0106 | 117 | 60 V | 45 V | 6 V | 100 mA | 165 C | 200 MWF | 100 M 10 P | 100 MN | 1 MA | ALG | MCB | BC204 | 2N4249 | 0 |
| ME0412 | PS | T0106 | 177 | 60 V | 45 V |  | 100 mA | $165 C$ | 200 ML | 100 M 10 P | 200mN | 1 MA | ALN | MCB | BC206 | 2N4250 | 0 |
| MEC413 | PS | 10106 | 117 | 40 V | 25 V | 5 V | 100mA | $165 C$ | 20 MMWF | 100 10 P | 60/180 | 1 MA | ALG | MCE | BC204 | 2N4249 | 0 |
| MEC414 | PS | 10106 | 417 | 25 V | 25 v | 4 V | 100 MA | 165 C | 200MWF | 100 N 10 P | 50/500 | 1 ma | Alg | MCB | BC204 | 2N4249 |  |
| ME0461 | PS | 10106 | 117 | 60 V | 50 V | 6 V | 300\%A | 165C | 250MWF | 175M 7P | $50 / 200$ | 10 MA | A NG | MCE | BSW24 | 2N2907A | 0 |
| MEC462 | PS | 10106 | 117 | 50 V | 40 V | 6 V | 300NA | $165 C$ | 250 MWF | 175M 7P | 100 MN | 10MA | ANG | MCB | BSW24 | 2N2907A |  |
| MEC463 | PS | 10106 | L17 | 30 V | 20 V | 5 V | 300ma | $165 C$ | 250 MWF | 150 N 8P | 50/300 | 10 MA | AMG | MCB | BSW24 | N290 7A |  |
| ME0475 | PS | tolce | L17 | 75 v | 75 V | 4 V |  | 165C | 200 MmF | 50* 12 P | 20 MN | 10 mA | ALH | NCB | BC3 | 2N6015 | 0 |
| ME0491 | PS | 10106 | L 17 | 30 V | 20 V | 5 V | 200~A | 165C | 25 CMWF | 375 N 6 P | 30/120 | 3 MmA | RMG | MC | SW2 | 2N2907A | 0 |
| NE0492 | PS | 10106 | 117 | 25 V | 16 V | $5 v$ | 200 MA | $165 C$ | 250 MWF | 375M 6P | $50 / 150$ | 30 MA | RNG | MCB | BSW24 | 2N2907A | 0 |
| MEC493 | PS | 10106 | 117 | 15 V | 12 V | 5 V | 200 Na | 165 C | 250 MWF | 375N 9P | 30/150 | 30 MA | RMG | MCE | BSW24 | 2N2907A | 0 |
| ME501 | PS | TO1CE | L 17 | 25 V | 20 V | 12 V | 500 mA | 165 C | 360 NWF | 200N 13P | 10 MN | 50 MA | RLC | MC3 |  |  | 0 |
| ME502 | PS | TC10t | L17 | 25 V | 20 V | 12 V | 500MA | 165 C | 36 CMWF | 200N 13 P | 20 MN 40 MN | 5 CMA | RLC | MCB |  |  | 0 |
| ME 503 | PS | TC106 | L17 | 30 V | 30 V | 30 V | 500NA | 165C | 36 CMWF | 200M 13 P | 40MN | 5 CMA | RLC | MC |  |  | 0 |
| MES 11 | PS | Tolce | 117 | 5 CV | 5 CV | 4 CV | 50 CMA | 165 C | 360 NWF | 200M 13P | 10 MN | A | L | MCB |  |  | 0 |
| ME5 12 | PS | Tolce | 117 | 5 CV | 50 V | 40 V | 500 mA | $165 C$ | 36 CNWF | 200N 13P | 20 MN | 50 ma | RLC | MCB |  |  | 0 |
| MES 13 | PS | 10106 | L17 | 70 V | 60 V | 60V | 500NA | 165 C | 36 CMWF | 200N 13P | 40 NN | 50 MA | RLC | MCE |  |  | 0 |
| NEIOCl | AS | tol0t | 117 |  | 45 v | 4 V |  | 165 C | 25 CMWF | 100 M 5 P | 40/160 | 1 cma | AL G | NCB | BC237 | 2N5825 | 0 |
| ME1002 | NS | T0206 | 117 |  | 45 v | 4 V |  | 165C | 250 MWF | $100 \mathrm{M} \mathrm{5P}$ | 100MN | 1 CMA | ALG | MCE | BC237 | 2N5825 | 0 |
| ME1075 | NS | 10 | 117 | 75 V | 75 V | 4 V |  | $165 C$ | 200 mF | 50n 8p | 20 MN | 10MA | ALH | MCB | $85 \times 21$ | 21 | 0 |
| MEIICO | NS | T010t | L17 | 110 V | 100 V | 4 V | 200MA | 165C | 20 cmFF | 30 N 8 P | 20 NN | 1 cma | ALH | NCP | BC337 | 2N6221 | 0 |
| ME1120 | NS | 10106 | L17 | 130 V | 120 V | 4 V | 200NA | 165C | 20 CMWF | 30 M 8 P | 20NN | 1 OMA | ALH | MCE | BC 337 | 2N6221 | 0 |
| NE20C1 | NS | 10106 | L17 | 35 V | 25 V | 4 V | 100 Na | 165C | 250 MWF | $100 \mathrm{M} \mathrm{10P}$ | 40/160 | 1 CMA | ALN | MCB | BC209 | 2N4967 | 0 |
| ME2002 | NS | t0106 | 117 |  | 25 V | 4 V |  | 165C | 250 MWF | 100 M 10 P | 100 MN | 10MA | ALN | MCB | BC 209 | 2N4967 | 0 |
| ME3001 | NS | T01 | 117 | 30 | 12 V | 3 V | locma | 165 C | 20 CNWF | 600~ 2 P8 | $20 / 200$ | 8MA | RLG | MCE | 8 Fx 73 | 918 | 0 |
| ME 3002 | AS | 10106 | 417 | 3 cv | 12 V | 2 V | 100 ma | $165 C$ | 20 CMWF | 450M 2P6 | 20/200 | 8MA | VLG | MCB | BFX73 | 2N918 | 0 |
| NE 3011 | NS | 10106 | 117 | 30 V | 12 V | 2 V | 100 mA | $165 C$ | 200 MmF | $450 \mathrm{M} \mathrm{2P8}$ | 201200 | 8MA | RLG | MCE | BFX 73 | 2N918 | 0 |
| ME4001 | ns | T0166 | 117 | 30 V | 25 V | 6 V | 100NA | $165 C$ | 250 MWF | 100 M 6P | 60/300 | 1 MA | ALN | MCB | BC209 | 2N4967 | 0 |
| NE4002 | ns | 10106 | 117 | 30 V | 25 V | 6 V |  | $165 C$ | 250 MWF | $100 \mathrm{~N} \quad 6 \mathrm{P}$ | 200 MN | 1 Ma | ALN | MCB | 8C209 | 2N4967 | 0 |
| ME40C3 | NS | 50106 | 117 | 30 | 25 V | 6 V | 100 ma | 1650 | 25 CMWF | 100~ 6F | 300 mN | 1 NA | ALN | MCE | BC209 | 2N4967 | 0 |
| ME4101 | NS | 10106 | 117 | 60 V | 45 V | 5 V | 30 MA | 165 C | 200 MWF | $150 \mathrm{M} \mathrm{7P}$ | 70/300 | 1 MA | ALN | MCB | BC207 | 2N4966 | 0 |
| NE4102 | NS | 10106 | 117 | 60 V | 45 V | 5 v | 30 MA | 1650 | 200 MWF | $150 \mathrm{M} \mathrm{7P}$ | 200Mn | 1 MA | ALN | MCB | BC 209 | 2N4967 | 0 |
| ME4 103 | NS | 10106 | 117 | 50 V | 40 V | 5 V |  | $165 C$ | 200 MmF | 150N 7P | 100 NN | 1 MA | ALH | MCE | BC 209 | 2N4967 | 0 |
| ME4 104 | ns | TOLCE | 417 | 25 V | 25 V | 4 V |  | 150C | 20 cmwF | 150N 6P | 50/500 | 1 MA | ALG | MCB | BC207 | 2N4966 | 0 |
| ME6001 | NS | TC106 | 117 | 40 V | 30 V | 5 V |  | 165 C | 36 CMWF | 200M 10 P | 30/200 | 50 mA | RNG | MC ${ }^{\text {e }}$ | BSW64 | 2N2222A | 0 |
| NE6002 | AS | 10106 | 117 | 40 V | 30 V | 5 V |  | 165 C | 360 MWF | 200M 10P | 75/300 | 50 MA | RMG | MCB | BSW64 | 2N2222A | 0 |
| ME6003 | As | tolce | 117 | 25 V | 25 V | $4 v$ |  | 1650 | 360 NWF | 150 M 12 P | $30 / 300$ | 50 MA | RMG | MCB | BSW64 | 2N2222A | 0 |
| ME6101 | NS | 1016 | L17 | 70 V | 50 V | 6 V |  | $165 C$ | 36 CNWF | 200N 1CP | 401200 | 150 MA | R MG | MCE | BSW64 | 2N2222A | 0 |
| ME6102 | NS | 10106 | L 17 | 60 V | 45 v | 6 V |  | 165C | 360 MWF | 225\% 10F | 100 mN | 15 cma | RMG | NCE | BSW64 | 2N22224 | 0 |
| ME8001 | NS | 10105 | 104 | 40 V | 30 V | 5 V |  | 165 C | 400 MWF | 100 M 12 P | 30 MA | 150 mA | ANE | MCB | BFY50 | 2N2297 | 0 |
| NE8002 | AS | 10165 | LC4 | 120 V | 80 V | $7 v$ | 800 NA | 165C | 400 MkF | 50 N 1 CP | 40/200 | 150 NA | ANH | MCE | BSW66 | 2N1893 | 0 |
| ME8003 | AS | 10105 | 104 | 80 V | 60 V | 75 | 8 COMA | 165 C | 400 MWF | 50 M 10 P | 100 MN | 150 MA | AMG | MCB | BFY50 | 2N2297 | 0 |
| ME9001 | NS | 10106 | 117 | 40 V | 15 V | 4V5 |  | 165C | 250 NmF | 400N 4 P | 40/120 | 10 MA | VLS | Ce | BS $\times 20$ | 2N2369 | 0 |
| ME90C2 | NS | 10106 | 117 | 30 V | 12 V | 4V5 |  | 200C | 25 CMWF | 400M 4P | 30/150 | 1 OMA | VLS | MCE | BS×20 | 2N2369 | 0 |
| *E9003 | ns | T0106 | 117 | 18 V | 12 V | $4 v$ |  | 2006 | 250 NWF | $300 \mathrm{M} \mathrm{4P}$ | 25/200 | 10 MA | vis | MCB | BS $\times 20$ | 2N2369 | 0 |
| MESO21 | NS | T0106 | 117 | 40 V | 15 V | 5 V |  | 165C | 25 CMWF | 300 N 6 P | 30/120 | 10 MA | VLS | MCE | BS $\times 20$ | 2N2369 | 0 |
| MESO22 | as | 10106 | L17 | 25V | 12 V | 4 V |  | 165C | 25 CMWF | 300 N 6 P | 30 MN | 10 MA | VLS | MCE | BSx20 | 2N2369 | 0 |
| MJEICl | PS | TOPE6 | L32 | 4 OV | 40 V | 4 V | 5 A | 150C | 75 WC |  | 25/150 | 2 A | AHG | NOB | 80590 | 2N6 126 | 0 |
| M JEL 02 | os | TOP 66 | L32 | 60 V | 60 V | 4 V | 5 A | 150C | 75 WC |  | 25/150 | 2 A | AHH | MCE | BD5 90 | 2N6126 | 0 |
| MJE 103 | PS | 10P66 | L32 | 6 CV | 60 V | 4 V | 54 | 150C | 75 WC |  | $30 / 150$ | 14 | AHL | MOB | B6590 | 2N6126 | 0 |
| MJEIC4 | PS | TOP66 | 132 | 80 V | 80 V | 4 V | 5 A | 150 C | 75 kC |  | 30/150 | 1 A | AHH | NOB | 80590 | 2N6126 | 0 |
| MJELOS | PS | T0P66 | 132 | 50 V | 50 V | 4 V | 5 A | 150C | 65 WC |  | 25/100 | 2 A | AHG | MCB | 30590 | 2N6126 | 0 |
| MJE170 | PS | T0126 | L31 | 40 V | 40 V | 7 V | 3 A | 150C | 12 WC | 50 M | 50/250 | 10 CmA | AHG | M 08 | B0140 | 2N4920 | 0 |
| MJE171 | PS | 10126 | L31 | 60 V | 60 v | $7 v$ | 3 A | 150C | 12WC | 50 M | 50/250 | 100MA | AHH | MOB | BD 140 | 2N4920 | 0 |
| MJE 172 | PS | 10126 | L31 | 80 V | 80 V | 7 V | 3 A | 150C | 12 WC | 50 N | 50/250 | 150 MA | AHH | MCB | BC140 | 2N4920 | - |
| MJEL80 | NS | 10126 | 131 | 4 CV | 40 V |  | 3 A | 150C | 12 WC | 50 N | $50 / 250$ | 10 CmA | AHG | NOB | B0169 | 2N4923 | 0 |
| MJE181 | NS | 10126 | L31 | 60 V | 60 V |  | 3 A | 150 C | 12 WC | 50 M | 501250 | 100 ma | AHH | MCE | BD169 | 2N4923 | 0 |
| MJE182 | ns | 10126 | L31 | 80 V | 8 cv |  | 3 A | 150 C | 12 WC | 50 M | 50/250 | 100mA | AHH | MOB | 80169 | 2N4923 | - |
| MJE200 | AS | 10126 | 131 | 25 v | 25v |  | 5 A | 150C | 15 WC | 65 M | 45/180 | 2 A | AHH | MOB | 80237 | 2N4923 | 0 |
| MJE201 | NS | TOP66 | 132 | 40 V | 40 V |  | 54 | 150C | 75 kC |  | 25/150 | 2 A | AHG | NOE | $80 \times 73$ | 2N6101 | 0 |
| MJE202 | ns | TOPE6 | L32 | 60 V | 30 V | 5 V | 5 A | 150C | 75 WC |  | 25/150 | 2 A | AHH | NCB | B0× 73 | 2N6101 | 0 |
| MJE203 | NS | TOP $\epsilon \in$ | 132 | 60 V | 60 V | 5 V | 5 A | 150C | 75 WC |  | 30/150 | 1 A | AHH | MOB | $88 \times 73$ | 2N6101 | 0 |
| NJE204 | ns | TOP66 | 132 | 80 V | 80 V |  | 5 A | 150C | 75 WC |  | 30/150 | 1 A | AH | MCE | $80 \times 73$ | 2N6101 | 0 |
| MJE205 | As | 10966 | L32 | 50 V | 50 V | 4 V | 5 s | 150C | 65WC |  | 25/100 | 2 A | AHG | MOB | BC589 | 2N6 123 | 0 |
| MJE2C5k | NS | TOP66 | L32 | 50 V | 50 V |  | 5 A | 150 C | 65 HC |  | 25/100 | 2 A | AHG | Nce | $80 \times 73$ | 2N6101 | 0 |
| Mje210 | PS | 70126 | L31 | 25 V | 25 V |  | 5 A | 150 C | 15WC | 65M | 45/180 | 2 A | AHE | MCB | BL238 | 2N4920 | 0 |
| MJE220 | NS | 10126 | 131 | 4 OV | 40 V |  | 4 A | 150 C | 15 WC | 50 M | 40/200 | 200MA | AHG | MOB | BD237 | 2 N 4923 | 0 |
| MJE221 | NS | T0126 | L31 | 40 V 40 V | 40 V |  |  | $150 C$ $150 C$ | 15 WC | 50 N | $40 / 150$ $25 N 0$ | 200 MA | AHG | MOB | 80237 80237 | 2N4923 2N4923 | 0 |


| TRANSISTOR | $\begin{aligned} & \text { PM } \\ & 0 A \\ & \text { LT } \end{aligned}$ | $\begin{aligned} & \text { PACK- } \\ & \text { AGE } \end{aligned}$ | $\begin{aligned} & \text { LEAD } \\ & \text { INFO } \end{aligned}$ | $\begin{aligned} & \text { VCB } \\ & \text { MAX } \end{aligned}$ | $\begin{gathered} \text { vCE } \\ \text { MAX } \end{gathered}$ | $\begin{aligned} & \text { VEB } \\ & \text { MAX } \end{aligned}$ | $\underset{\text { MAX }}{\mathbf{I}}$ | $\stackrel{\mathbf{T}}{\underset{\text { MAX }}{J}}$ | $\begin{aligned} & \mathbf{P}_{\text {TOT }} \end{aligned}$ | $\begin{array}{ll} F^{T} & C_{0 B} \\ \text { MIN } & \text { MAX } \end{array}$ | $H_{F E}$ | $\begin{gathered} \mathrm{H}_{\mathrm{FE}} \\ \text { BIAS } \end{gathered}$ | USE | MFR | EURO EQVT． | $\begin{aligned} & \text { USA } \\ & \text { EQVT. } \end{aligned}$ | ISS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| MJE223 | NS | 10126 | LЗ 1 | tov | GOV |  | 4 A | 1500 | 15hc | 50 N | 40／200 | 200～A | AHH | MOE | BD237 | 2N4923 | 0 |
| MJE224 | AS | 10126 | L31 | 60 V | 60v |  | 4 A | 150C | 15 WC | 50 N | 40／150 | 200mA | AHH | MCB | BC237 | 2N4923 | 0 |
| MJE225 | NS | T012t | L31 | 60 V | 60 v |  | 4 A | 150C | 15 WC | 50 M | 25 MN | 1 A | AHH | NOB | 80237 | 2N4923 | 0 |
| MJE230 | PS | 10126 | L31 | 40 V | 40 V |  | 4 A | 150C | 15 wC | 50 M | $40 / 200$ | 200 mA | AHG | mos | B0238 | 2N4920 | 0 |
| NJE231 | PS | 10126 | L31 | 40 V | 40 V |  | 4 A | 150 C | 15 WC | 50 M | $40 / 150$ | 200 MA | AHG | MCB | 80238 | 2N4920 | 0 |
| MJE 232 | PS | 10126 | L21 | 4 CV | 40 V |  | 4 A | $150 C$ | 15 WC | 50 N | 25 NN | 1 A | AHG | Not | B0238 | 2N4920 | 0 |
| MJE233 | PS | 10126 | L31 | 60 V | 60 V |  | 4 A | 150 C | 15 WC | 50 N | 40／200 | 200 mA | AHH | MOR | B0238 | 2N4920 | 0 |
| NJE234 | PS | TO126 | L31 | 60 V | 60 V |  | 4 A | 150 C | 15 WC | 50 M | 40／150 | 20 CMA | AHH | MCB | 80238 | 2N4920 | 0 |
| MJE 235 | PS | T012t | L31 | 60 V | 60 V |  | 4 A | 150 C | 15WC | 50 M | 25MN | 1 A | AHe | MOB | 80238 | 2N4920 | 0 |
| MJF24C | NS | 10126 | L 21 | 80 V | 80 V |  | 4 A | 1506 | 15kC | 40 N | $40 / 200$ | 200MA | AHH | Mce | BD237 | 2N4923 | 0 |
| MJE241 | NS | IC12t | L31 | 80 V | 80 V |  | 4 A | 1500 | 15 WC | 40 N | 40／120 | 200 ma | AHH | NOP | BL237 | 2N4923 | 0 |
| MJE242 | NS | 10126 | L31 | 80 V | 80V |  | 4 A | 150 C | 15 wC | 40 M | 25 MN | 2 CMMA | AFH | NCE | 80237 | 2N4923 | 0 |
| MJE243 | AS | r0126 | L31 | 1 cov | 100 v |  | 4 A | 150C | 15 WC | 40 M | 40／120 | 200 mA | AHH | MCB | ED237 | 2N4927 | 0 |
| MJE 244 | AS | 10126 | 131 | 100 V | 100 V |  | 4 A | 150C | 15 WC | 40 M | 25 MN | 200MA | AHH | MOB | BC237 | 2N4923 | 0 |
| MJE 250 | PS | T012t | L31 | 80 V | 80 V |  | 4 A | 150 C | 15 WC | 40 N | 40／200 | 200 MA | AHH | NOE | 80238 | 2N4920 | 0 |
| NJE251 | PS | TC12t | 131 | 80 V | 80 V |  | 4 A | 150 C | 15 WC | 40 M | $40 / 120$ | 2 CCMA | AHH | ＊CB | EC23E | 2N4920 | 0 |
| MJE252 | PS | 10126 | L31 | 80 V | cov |  | 4 A | 150 C | 15WC | 40 M | 25 MN | 20 cma | AHH | MOB | BD238 | 2N4920 | 0 |
| NJE253 | PS | T0126 | L31 | 100 V | 100 V |  | 4 A | 1500 | 15nC | 40 N | 40／120 | 200 ma | AHH | MCE | 80238 | 2N4920 | 0 |
| MJE 254 | PS | $1012 t$ | L31 | 100V | 100 v |  | 4 A | 150 C | 15WC | 40 N | 25 MN | 200 MA | AHH | MOB | 80238 | 2N4920 | 0 |
| M JE 340 | NS | TC126 | 131 | 300 V | 300 V | 3 V | $5 C 0 \mathrm{MA}$ | 150 C | 20 w | 10 N | 30／240 | 5 cma | ALE | MOE | B 0232 |  | 0 |
| NJE340k | ns | TOP 66 | L32 | 3 cov | 300 v |  | 50CNA | 150C | 30 WC |  | $30 / 240$ | 5 CMA | ALE | MCB | E0232 | 2N6177 | 0 |
| MJE341 | AS | 10126 | L31 | 150 V | 150 V |  | 500 ma | 1506 | 20wC | 154 | $25 / 700$ | 50 MA | ALE | MOB | 80232 |  | 0 |
| MJE341K | As | TOP6E | L32 | 150 V | 150 v |  | 50 cma | 150 C | 3 CWC | 15 N | 25／700 | 50 MA | ALE | moe | BD232 | 2N6177 | 0 |
| MJE344 | AS | 10126 | L31 | 200 V | 200 v |  | 500NA | 150 C | 20 wC | 13 N | 30／300 | 50 MA | ALE | MCB | 80232 |  | 0 |
| MJE344K | AS | TCPEE | L32 | 200V | 20 CV |  | 500 ma | 150C | 30wC | 15 M | 30／300 | 5 CMA | ALE | NOB | BC232 | 2N6177 | 0 |
| NJE345 | AS | T0126 | 131 | 325 V | 325 v |  | 500～A | 150 C | 2 CWC | 15 M | $30 / 300$ | 50 Ma | ALE | MCB | ED232 |  | 0 |
| MJE 370 | PS | 10126 | 131 | 30 V | 3 CV | 4 V | 3 A | 150 C | 25wC |  | 25 MN | 1 A | AHE | MDB | BL238 | 2N4920 | 0 |
| MJE37CK | PS | TOP66 | L32 | 30 V | 30 V |  | 3 A | 150 C | 4 ChC |  | 25 NN | 1 A | AHG | NOE | B6590 | 2N6126 | c |
| MJE3 71 | PS | 10126 | L 31 | 40 V | 40 v | 4 V | 4 A | 150C | 40 hC |  | 4 OMN | 14 | AHG | ${ }^{\mathrm{C}} \mathrm{C}$－ | 80238 | 2N4920 | 0 |
| NJE371K | PS | TCPE6 | L32． | 40 V | 40 V |  | 4 A | 150 C | 60 WC |  | 40 MN | 14 | AHC | MOB | B6590 | 2N6126 | 0 |
| MJE488 | NS | 10126 | L31 | sov | 50 V |  | 5 A | 150 C | 4 ChC | 2 N | $25 / 100$ | 1500 MA | AHG | mOe | B044 1 | 215172 | 0 |
| MJE5 20 | ns | T0126 | L31 | 3 cV | 30 V | 4 V | 3 A | 150C | 25WC |  | 25 MN | 1 A | AHG | MOH | BC441 | 2N5192 | 0 |
| MJE52CK | NS | TOPEt | L32 | 3 cv | 30 V |  | 3 CA | 150C | 40 WC |  | 25 MN | $1 \Delta$ | AHG | NOB | 8 Cx 75 | 2N6103 | 0 |
| NJES21 | NS | TC126 | L31 | 40 v | 40 V | 4 V | 4 A | 150 C | 4 CWC |  | 40 NN | $1 \Delta$ | AHG | $\sim^{\sim} \mathrm{C}$ | 80441 | 2N5192 | 0 |
| NJE521k | ns | TOPEG | 132 | 40 V | 40 v |  | 4 A | 150 C | 60WC |  | 40 MN | $1 \Delta$ | AHC | MCB | 30585 | 2N6123 | 0 |
| MJET10 | ps | $1012 t$ | L 31 | 4 CV | 40 V | 5 V | 150 cma | $150 C$ | 2 ChC |  | 40 Nm | 150 ma | arg | mop |  |  | c |
| MJETll | Ps | T0126 | L31 | 60 V | 60 v | 5 v | 1500 NA | 150 C | 20 WC |  | 40 MV | 250 cma | AHH | $\mathrm{MC口}$ |  |  | $c$ |
| NJE712 | $p ¢$ | TO126 | L31 | ecv | 80 v | Sv | 150 CNA | 150C | 20WC |  | 40 MN | 15 CMA | AHH | NCH |  |  | 0 |
| ＊JE72C | NS | 10126 | 131 | 40 V | 40 v | bv | 1500 MA | 150 C | 2WF |  | 40 MN | 150 NA | ANG | MOB | 80169 | 2N4923 | － |
| NJE121 | AS | 10126 | 131 | 60 V | 60 v | 5 V | 150 CNA | 150 C | 2 ChC |  | $40 \times 1$ | 150 MA | ANH | mCe | B1） 169 | 2N4923 | 0 |
| MJE 722 | NS | $1012 t$ | L 31 | 80 V | 80 V | 5 v | 150 cma | 150C | 20 hc |  | 40 NN | 15 cma | AMH | Nor | BC159 | $2 N 4923$ | 0 |
| MJE1290 | PS | TCPE6 | L32 | 40 V | 40 v | 5 V | 15A | 150 C | SCnC | 34 | 201100 | 5 A | AHG | No8 | $30 \times 78$ | 2N6134 | 0 |
| NJEL291 | Ps | TOP 66 | L32 | 60 V | tov | 5 v | 15 A | 150C | 90 WC | 3N | 201100 | 54 | AHt | MCA | 8C×18 | 2N6134 | 0 |
| NJE1660 | AS | $1096 t$ | L32 | 4 cv | 40 V | 5 V | 15 A | 150 C | 9 CWC | 3 M | $20 / 100$ | 5 A | AHG | MO2 | BC×75 | 2N6103 | 0 |
| MJE1661 | NS | TOP6E | L32 | 6 CV | 60 v | 5 V | 15A | 1500 | 9 ChC | 3 N | 2C／200 | 5 A | $\triangle H \mathrm{H}$ | Mot | $8 \mathrm{~B} \times 75$ | 2N6103 | 0 |
| MJELCIO | PS | TCPE6 | L32 | 4 CV | 40 V | 5 v | 54 | 150C | 80 WC | 3 M | 25／125 | $1 A$ | AHG | NOR | BC59C | 2N6126 | 0 |
| NJE2C11 | ps | TOP 66 | L32 | 60 v | 60 V | $5 v$ | 54 | 150 C | 80 CC | 3 M | 25／125 | 1 A | AHH | $4 c^{\circ}$ | 80590 | 2N6126 | 0 |
| NJE202C | as | IOP66 | 132 | 40 V | 40 v | 5 v | 54 | 150 C | 8 CWC | 3 M | 251125 | 14 | AHC | MCB | $80 \times 73$ | 2N6101 | 0 |
| NJE2021 | As | TOP66 | L32 | cov | 60V | $5 v$ | 5 A | 150C | 80 WC | $3 \times$ | 25／125 | 1 A | AHH | MOB | BD× 73 | 2N6101 | 0 |
| MJE 2160 | NS | TCF6E | 132 | 30 CV | 3 cov |  | 150CMA | 150C | 5 ChC |  | 30／240 | 50 CMA | ANE | Nor |  |  | 0 |
| NJE23も0 | ns | TCPE6 | L32 | 375 V | 35 Cv | 6 V | 50cma | 150 C | 30 wc | 5 M | 25／200 | 5 CNa | ALE | MCB |  | 2N6177 | 0 |
| MJE2361 | As | ICP $\in \in$ | 132 | 375 V | 350 V | ov | 50 cma | 150 C | 3 CWC | 5 M | 501250 | 50 MA | ALE | M03 |  | 2N6177 | 0 |
| MJE237C | PS | 10P66 | L32 | 40 V | 40 V | $5 v$ | 3 A | $150 C$ | 4 ckC | 3 N | $40 / 200$ | 200 MA | AHH | Mos | 80590 | 2N6126 | 0 |
| M．JF2371 | PS | TOP66 | L 32 | 60 V | 60 v | 5 v | 3 A | 150 C | 40 nc | 3 N | $40 / 200$ | 2 COMA | AHH | NCP | 80590 | 2N612t | 0 |
| MJE2480 | NS | TOPE6 | L 32 | 4 CV | 40 v | 5 V | 4 A | 150 C | 60 WC | 2 M | 20／100 | $5 C \mathrm{CMA}$ | AHG | vob | SCx73 | 2N6101 | 0 |
| NJE2481 | ns | TOP66 | 132 | 60 V ． | 60 V | 5 v | 4 A | 150 c | 6CWC | 2 M | 20／100 | 1500 MA | AHH | MCB | $80 \times 73$ | 2N6101 | 0 |
| NJE2482 | AS | 10P6t | L32 | 40 V | 40 V | 5 V | 4 A | 150C | 60 WC | 2 M | 20／100 | 2500 mA | AHC | MOA | $80 \times 73$ | 2N6101 | c |
| MJE2483 | NS | 10P6t | 132 | 6 CV | 60 v | 5 V | 4 A | 150 C | 6 ChC | 2 N | 201100 | 2500 MA | AHH | nos | BD×73 | 2N6101 | － |
| MJE2490 | PS | 10P66 | L32 | 40 V | 40 V | 5 V | 3 A | 1500 | 60 WC | 3 N | 201100 | 1 A | AHG | ${ }^{\sim} \mathrm{CP}$ | B0590 | 2N612t | － |
| NJE2491 | PS | TOPE6 | L32 | 60 V | 60 v | 5 V | 3 A | 150C | 60 WC | 3 M | 20／100 | 1 A | AHt | ＊CB | B0590 | 2N6126 | 0 |
| NJE2520 | ns | 10P66 | Lミて | 40 V | 40 v | 5 v | 3 A | 1506 | 4 ChC | $3 N$ | $40 / 200$ | 200 MA | AHG | MCE | Bn539 | 2N6123 | 0 |
| MJE2521 | As | T0P66 | L32 | 60 V | 60 v | 5 V | 34 | 150 C | 40 WC | 3 N | 401200 | 230MA | AHH | mOR | 805.39 | 2N6123 | 0 |
| MJE 2522 | NS | TCPE6 | L32 | 4 CV | 40 V | 5 V | 34 | 150C | 40 hc | $3 N$ | 20／100 | 1 A | AHC | NOE | 80539 | 2N6123 | 0 |
| MJE2523 | NS | TOP66 | L32 | 60 V | 60 V | 5 V | 3 A | $150 C$ | 4 ChC | 3 M | 20／100 | 1 A | Ah， | NCE | 81599 | 2N6123 | 0 |
| ＊JE2801 | As | TOP 66 | 132 | 60 V | 60 v | 4 V | 10 A | 150C | 90 WC |  | 25／100 | 3 A | Ar | MCB | $8 \mathrm{BC75}$ | 2N6103 | 0 |
| MJE28C1K | NS | TOP6t | L32 | 6 CV | 60 V | 4 V | 10 A | 150C | $\operatorname{senc}$ |  | 25／100 | 3 A | Aht | NCP | BD $\times 75$ | 2N6103 | 0 |
| MJE2901 | PS | TOP66 | L 32 | 60 V | 60 v | 4 V | 10 A | $150 C$ | 90 mC |  | 25／100 | 3 A | AHe | NCE | $80 \times 78$ | 2N6134 | 0 |
| NJE2S55 | PS | TOP $\in 6$ | L32 | 7cv | 60 v | 5 V | 104 | 150C | S0wC | 2 M | $20 / 70$ | 4 A | AHF | NOB | 30x78 | 2N6134 | 0 |
| MJE3054 | NS | TOP 66 | 13.2 | 90 V | 55 V | 5 v | 4 A | $150 C$ | 4 CwC | 1 M | 25／100 | 500 MA | AHH | MOP | 80589 | 2N6123 | 0 |
| ＊JE3055 | ns | TOP66 | 132 | 70 V | tov | 5 V | 10 A | $150 C$ | 9 CWC | $2^{M}$ | 20170 | 4 A | AHH | MCB | $80 \times 75$ | 2N6103 | 0 |
| MJE3C55k | NS | TCPEE | 132 | 6 CV | 60v |  | 104 | 150 C | Sckc | 2 N | 20170 | 4 A | AHH | NOE | BLx 75 | 2N6103 | 0 |
| MJE3370 | PS | TOP66 | 132 | 30 V | 30 V | 4 V | 3 A | 150C | 25 wC |  | 25 MN | 1 A | AHG | NOP | BD590 | 2N612t | － |
| NJE3371 | PS | TOP66 | 132 | 60 V | 60 V | 5 V | 3 A | 150C | 40 WC | 3 M | $40 / 200$ | 2 CCMA | AHH | MCB | B0590 | 2N6126 | 0 |
| MJE 3439 | As | TCP 66 | 132 | 450 V | 350 V | 5 V | 300 Ma | $150 C$ | 15WC | 15M | 30 MN | 20 MA | ALE | M08 | 80232 | 2N6177 | 0 |
| MJE344C | NS | 10P66 | L32 | 350 V | 250 V | 5 V | 30CMA | 150 C | 15 hc | 15N | $4 \mathrm{C} / 160$ | 20 MA | ALE | MOE | B0232 | 2N6177 | 0 |
| MJE3521 | NS | ICPE6 | L32 | 4 cv | 40 V | 4 V | 3A | 150 C | 40 WC |  | 40 MN | 1 A | AHE | NOB | BC589 | 2N6123 |  |
| MJE3738 | NS | TOP66 | L32 | 250 V | 225 V | 6 V | $500^{\text {ma }}$ | 150 C | 30 WC | SM | 40／200 | 100 mA | ALE | NCB | 80232 | 2N6177 | 0 |
| NJE3739 | ns | TOP 66 | L32 | 325 V | 300 V | 6 V | 500 MA | 150 C | ${ }^{2} \mathrm{CWC}$ | 5 M | $40 / 200$ | 100 ma | ALE | MCB | 80232 | 2N6177 | 0 |
| MJE3740 MJE 3741 | PS | 10966 $10 P 66$ | 66 6 L 32 | 60 V 80 V | 60 V 80 V | 5 V | 4 A | 150 C | 40 WC | $4 N$ | 30／100 | 250MA | Al | MOB | 80590 | 2N6126 2N6126 | （1） |


| TRANSISTOR NUMBER | $\left\|\begin{array}{c} P M \\ O A \\ \mathbf{L T} \end{array}\right\|$ | $\begin{aligned} & \text { PACK- } \\ & \text { AGE } \end{aligned}$ | $\begin{aligned} & \text { LEAD } \\ & \text { INFO } \end{aligned}$ | $\begin{aligned} & \text { VCB } \\ & \text { MAX } \end{aligned}$ | VCE MAX | $\begin{aligned} & \text { VEB } \\ & \text { MAX } \end{aligned}$ | ${ }_{\text {MAX }}^{\mathbf{I}}$ | $\underset{\text { MAX }}{\mathbf{J}}$ | $\begin{aligned} & \text { P } \\ & \text { TOT } \end{aligned}$ | $\begin{array}{ll} F_{T} & C_{0 B} \\ \text { MIN } & \text { MAX } \end{array}$ | $\mathbf{H E}_{F E}$ | $\begin{gathered} \mathrm{H}_{\mathrm{FE}} \\ \mathrm{BIASS} \end{gathered}$ | USE | MFR | $\begin{aligned} & \text { EURO } \\ & \text { EQVT. } \end{aligned}$ | $\begin{aligned} & \text { USA } \\ & \text { EQVT. } \end{aligned}$ | ISS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| MJE4S18 | PS | IOPE6 | 132 | 40 V | 4 CV | 5 V | 3 A | 1506 | 4 CWC | 3 M | 2C/100 | 50 cma | AHC | MOB | 80590 | 16126 | 0 |
| MJE4921 | NS | $1{ }^{1} \mathrm{P} 66$ | 122 | 40 V | 40 V |  | 3A | 150 C | 4 chC | 3 N | 20/100 | 500 MA | AHG | MCE | 80589 | 2N6123 | 0 |
| MJE4922 | ns | TOP66 | L32 | 60 V | 60 V | 5 V | 3 A | 150C | 40 WC | 3 N | 20/100 | 500 MA | AHH | MOB | BC599 | 2N6123 | 0 |
| MJE4923 | NS | TOP $\in 6$ | L32 | 8 CV | B0V | 5 V | 3 A | 150C | 40 hC | $3{ }^{*}$ | 20/100 | 500 mA | HH | 0 O | 80539 | 2N6123 | 0 |
| MJE5190 | NS | TOP E6 | 132 | 40 V | 40 V | 5 V | 4 A | 150C | 6 CWC | 2 M | 25/100 | 150 CMA | AHG | NOE | $80 \times 13$ | 2N6101 | 0 |
| NJESIS1 | NS | 10P6E | 132 | 6 CV | 60 V | 5 V | 4 A | 150 C | 6 CWC | 2 M | 25/100 | 1500 ma | AHH | MOB | 80x73 | 2N6101 | 0 |
| MJES192 | NS | TOP6E | 132 | 8 CV | 80 V | 5 V | 4 A |  | 60 WC | 2 N | 20/90 | 1500 MA | AHH | Mot | BD589 | N6123 | 0 |
| MJE5 193 | PS | 10P66 | L? | 40 V | 40 V | 5 V | 4 A | 150C | 60 WC | 2 N | 25/100 | $150 \mathrm{CMA}^{\text {a }}$ | AHG | NOB | 85590 | 126 | 0 |
| MJE5655 | AS | TOPEG | 132 | 250 V | 250 V |  | 500 ma | 150 C | 30 WC | 10 M | 30/250 | 110 CmA | ALE | NOB | B0232 | 2N6177 | 0 |
| M JE565t | NS | TOP 66 | 132 | 300 V | 30 V |  | 500 ma | 150C | 3 CWC | 10 M | 30/250 | 10 CMA | ALE | мо | 30232 | 2N6177 | 0 |
| MJ | ns | TOP6t | 132 | 350 V | 35 cv |  | 500 MA | 150C | 30 WC | 10 N | 30/250 | 100 ma | ALE | MOH | $8 C 232$ | 2N6177 | 0 |
| M JE5977 | NS | TOP6E | 132 | 40 V | 40 V | 5 V | 5 A | 150 C | 75 hc | 2 N | 20/120 | 2500 CA | AHG | NOB | ¢0×13 | 2N6101 | 0 |
| M JFS978 | NS | TDPEG | 132 | 60 V | tov | 5 V | 5 A | 150C | 75 WC | 2 N | $20 / 100$ | 25 Ccma | AHH | ${ }^{\mathrm{N} C R}$ | $80 \times 75$ | 2N6103 | 0 |
| ~JE5979 | AS | TOP 66 | 132 | 80 V | 80 V | 5 v | 5 A | 150C | 75 WC | 2 M | 20/120 | 250 cma | AHH | MCB | $8 \mathrm{BC} \times 73$ | 2N6101 | 0 |
| ~JE5983 | $n s$ | ICPEE | 132 | 40 V | OV | $5 v$ | 8 A | 150 C | 9 CWC | 2M | 20/120 | 4 A | AHC | MOB | BDX | 2N6101 | 0 |
| MJE5984 | NS | 10P66 | L32 | 6 CV | 60 V | 5 V | 98 | $150 C$ | 90 nc | 2 N | 20/120 | $4 \wedge$ | AHH | $\cdots \mathrm{CB}$ | BD×75 | 2N6103 | 0 |
| MJE5985 | NS | TCPE6 | L32 | 80 V | sov | 5 V | 8 A | 150C | SOWC | 2 M | 20/120 | 4 A | A | N 08 | $80 \times 73$ | 2N6101 | 0 |
| MPG111 | NS | +30 | $1 \in 7$ | 60 V | 60 V | 7 V | 1200 Ma | 150C | 3 W | 100 M | 30/60 | 2 CCMA | AHG | ${ }^{\circ} \mathrm{C}$ | 80169 | 2N4923 | 0 |
| NPE112 | NS | $\times 30$ | L67 | 60 V | 60 V | 7 V | 1200 NA | 150 C | 3 WC | 100 M | $50 / 120$ | 200 ma | AH | MCB | 87169 | 2N4923 | 0 |
| MPE113 | ns | $\times 30$ | 167 | 6 CV | 60 V | 7 | 1200 ma | 150C | 3WC | 1 CON | 100 mN | 200 MA | $\triangle H \mathrm{C}$ | MCB | BC169 | 2N4923 | 0 |
| MPe121 | NS | $\times 30$ | 167 | 35 V | 35 | 7 V | 1200 ma | 15CC | 3 nc | 100 N | $20 / 60$ | 2 CCMA | AHG | MC ${ }^{\text {e }}$ | 80169 | 2N4923 | 0 |
| MP8122 | AS | $\times 30$ $\times 30$ | L 67 | 35 v | 35 v | $7 v$ | 120 cma | 150 C | 3WC | 1 COM | $50 / 120$ | 20 C | AHC | MCB | 80169 | 2N4923 | 0 |
| ND8123 | ns | $\times 30$ | L67 | 35 V | 35 v | 7 V | 1200 ma | 150 C | 3 WC | 100 M | 00 | 20 CMA | AHC | MCA | 80169 | 2N4923 | - |
| NP9211 | NS | 1066 | 143 | 60 V | 60 V | 7 V | 150 cma | 150 C | 5 WC | 100 N | $30 /$ | 500 | AHG | MCE | ROY78 | 2N50 | 0 |
| MPE212 | ns | 1066 | 143 | 6 CV | 60 V | 7 V | $15 \operatorname{coma}$ | 150C | 5 WC | 100 N | 50/120 | 500 ma | AH | MCB | 8CY7B | 2N50 | 0 |
| MP9213 | $\mathrm{N} \leqslant$ | tete | 143 | 60 V | 60 V | $7 v$ | 1500 ma | 150 C | 5 nC | 100 m | 100N^ | 5 Coma | AHG | NCE | 80Y78 | 50 | 0 |
| NP9221 | $n s$ | T0te | 143 | 35 V | 35 v | $7 v$ | 150 cma | 150 C | 5 WC | 100 M | 20160 | $5 \operatorname{COMA}$ | AHE | MCB | BDY78 | 2N5050 | 0 |
| NP8222 | As | 1066 | 143 | 35 v | 5 | 7 V | 150 cma | 1506 | 5 WC | 100 M | 50/1>0 | MA | AHC | MCB | 80Y78 | 50 | 0 |
| MP8223 | NS | 1066 | 143 | 35 V | 35v | 7 V | 1500 ma | 150 C | 5 nc | 100 N | 100 NN | 50 | AHS | MCE | Bry | 2N5C50 | 0 |
| MPES 11 | PS | $\times 30$ | L67 | 60 V | 60 V | 7 V | l200na | 150 C | 3 W | 50 N | 30/60 | 20 C | RHG | MCD | RC140 | 2N4920 | 0 |
| No3s 12 | PS | $\times 30$ | L67 | 60 V | cov | 7 V | 1200ma | 150 C | 3 WC | 50 M | 50/120 | 20 cma | R+E | MCE | 80140 | 2N4920 | 0 |
| N09513 | PS | +30 | 167 | 60v | cov | $7 v$ | 120 CMA | 150C | 3 WC | 50 N | 100 mA | 200 mA | RHG | MCP | 80140 | 2N4920 | 0 |
| MFES21 | PS | +30 | 167 | 35 v | $35 v$ | $7 v$ | 1200 ma | 150C | 3 WC | 50 M | 20160 | OM $A$ | RHC | MCB | BC140 | 2N4920 | 0 |
| MP9522 | PS | $\times 3 \mathrm{c}$ | 167 | 35 V | 5 | $7 v$ | 120 cma | 15 CC | 3 WC | 50 N | 50/120 | 20 cma | RHG | NCE | 80140 | 2N4920 | 0 |
| MP3523 | PS | $\times 30$ | 167 | 35 V | 35 v | 7 V | 1200 ma | 15 CC | 3 WC | 50 N | 10 CMN | $200^{\text {ma }}$ | RHG | NCE | 80140 | 2N4920 | 0 |
| MP9Ell | PS | $106 t$ | 143 | 6 CV | 60 V | 7 V | 1500ma | 150 C | 5 WC | 50 M | 30/60 | 500 ma | RHC | MCR | B0x1t | 2N3741 | 0 |
| MD Eol2 | PS | 106 | 143 | cov | tov | 7 V | 1500 M | 1500 | 5 nC | 50 N | 50/1>0 | 500 mA | RHG | MCE | BD $\times 16$ | 2N3741 | 0 |
| MP8SI3 | PS | 105 | 143 | 60 V | 50 V | v | 1500 Na | 150 C | 5 hC | 50 N | l00NN | 5 COMA | RHG | MCO | $80 \times 16$ | 2N3741 | 0 |
| MP9621 | PS | T0te | 143 | 35 v | 35 v | $7 v$ | 150 cma | 150C | 5 WC | 50 M | 20/6C | 5 COMA | RHC | NCB | $80 \times 14$ | 2 N 3 | 0 |
| MP3622 | PS | lotet | 143 | 35 v | 35 v | 7 | 500 MA | 150 C | 5 WC | 50 M | 50/120 | 5 CCMA | RH: | NCP | $810 \times 14$ | 2N3740 | 0 |
| MF9623 | PS | 1066 | 143 | 35 V | 35 V | 7 V | 500ma | 150c | 5WC | 50 N | 1004N | 500 MA | RHC | MCB | 3C $\times 14$ | 2N3740 | 0 |
| MFS 3396 | NS | 1092 | 114 | 25 v | 25 v | 5 V | 100 ma | $135 C$ | 31 CNWF | 4 P | 90/500 | 2 MA | ALG | MOP | HC 3474 | 2N3903 | 0 |
| MPS 3397 | NS | 1092 | L 14 | 25 | 25 v | 5 V | 100 NA | 135 C | 31 CMWF | 4 P | 55/500 | TNA | ALG | MCB | BC 3474 | 2N3903 | 0 |
| MPS4C4 | pS | T092 | 114 | 25 V | 244 | 12 V | 15 CNa | 135 C | 310 MWF | 3 M 20 P | 30/400 | 12NA | RLS | MCB | BC35CA | 2N3905 | 0 |
| MPS404A | P's | tosz | 1.14 | 40 V | 35 V | 25 V | 15 cma | 1356 | 310 NWF | 3 M 20 P | $30 / 400$ | 12 NA | RLS | Mo | BC 350 A | 2N39 | 0 |
| MPS 706 | ns | 1092 | 114 | 25 V | 20 | 3 V | 10 cma | 135 C | 310 | 200 N 6 P | 20 mN | 10 Na | RLS | NCB | $85 \times 33$ | 2N731 | 0 |
| MPS7C6A | NS | 1092 | 114 | 25 V | 204 | 5 V | 100 ma | 135 C | 31 CNWF | 200N 6F | 20160 | 1 CMA | RLS | NOE | $85 \times 33$ | 2N731 | 0 |
| NPS 708 | NS | 1092 | 114 | 40 V | 15 y | 5 V | 200 ma | 135 C | 31 CMWF | 300M 6P | 30/120 | 1 CNA | VLS | MOB | BS $\times 20$ | 2N 2369 | , |
| NPS834 | ns | 「092 | 114 | 40 V | 30. | $5 v$ | 20 Cma | 135 C | 310 MWF | 350 M | 25 MN | 10 Na | VLS | MCB | $85 \times 20$ | 2N2369 | 0 |
| NFS3 35 | AS | 1092 | 114 | 25 V | 20 V | $3 v$ | 200 ma | 1350 | 310 NWF | 300 M | 20MN | $10^{\mathrm{N}}$ | VLS | M03 | BS $\times 20$ | 2N236 | 0 |
| MPSGIE | NS | 1092 | 114 | 30 V | 154 | $3 v$ | 50 Na | 135 C | 31 cmu | 600 N 1P7 | 2 CNN | 3 Na | VLA | MCE | BF× 73 | 2N918 | - |
| NPS23t9 | AS | 1092 | 114 | 40 V | 154 | 4 v | 500 Na | 135 C | 310 NHF | 5 COM 4 P | $40 / 120$ | 1 cma | VLS | NOR | BS $\times 20$ | 2N2369 | 0 |
| MPS2711 | NS | 10ヶ2 | 114 | 18 v | 18 V | 5 v | 100 mA | 1350 | 310MAF | 4 P | 30/90 | Na | ALG | MOB | HC 3474 | 2N3903 | - |
| NPS2712 | ns | 1092 | 114 | 18 V | 18 V | 5 v | 100 NA | 1350 | 310 mmF | 4 P | 15/225 | 2NA | AL | MCE | BC 347 A | 2N3903 | 0 |
| MPS2713 | as | 1092 | 1.14 | 18 V | 18 V | 5 V | 200MA | 135 | 310 MWF | 125N | $30 / 90$ | 2 MA | RLS | MOB | BS $\times 20$ | 2N2369 | 0 |
| M0S2714 | NS | 1092 | 114 | 13 V | 18 | 5 V | 20CNA | 135 C | 31 CmWF | 125 M 5 P | 75/225 | 2Na | RLS | NCE | BS×20 | 2N2369 | - |
| NPS2715 | NS | 1092 | 114 | 18 V | 184 | 5 V | 10CNA | 135 C | 310 MWF | $4{ }^{\circ}$ | 30 MA | 2 Na | ALC | MCB | BC 347 A | 2N3903 | 0 |
| MPS2716 | ns | 1092 | 114 | 18 V | 18 V | 5 V | 100 MA | 135 C | 310 MWF | 4 P | 75 MN | 2 M | ALG | MOB | BC 3474 | 2N3903 | - |
| MPS2923 | NS | 1092 | 114 | 25 V | 254 | 5 V | $10 \mathrm{cma}^{\text {a }}$ | 100C | 20 cmhF | 12 P | 90/180 | 2 MA | ALG | MOE | BC 3478 | $2 N 3903$ | 0 |
| MPS2924 | NS | 1092 | 1.14 | 25 V | 254 | 5 V | 100NA | 100C | 200 MWF | 12 P | 150 NN | 2MA | ALN | NCE | BC349 | 2N3904 | 0 |
| NDS2925 | NS | 1092 | 114 | $25 v$ | 254 | 5 V | 100Na | 100c | 200MWF | 12 P | 235 Mn | 2NA | Aln | MCE | BC 349 C | 2N 3904 | 0 |
| NPS2926 | NS | 1092 | L14 | 18 V | 184 | 5 v | 100 Na | $135 C$ | 310 MWF | 4 P | 351470 | 2 Na | ALG | MCB | BC 347 A | 2N3903 | 0 |
| NPSE390 | NS | 1092 | 114 | 18 v | 184 | 5 V | 100 MA | $135 C$ | 310 NWF | 60 N 10 P | 400 mN | 2NA | ALN | MOB | BC349C | 2 N 39 | 0 |
| MFS3291 | NS | 1092 | 114 | $25 v$ | 254 | 5 V | 100 MA | 135 C | 31 CNHF | GON 10 P | 250 NN | 2 N | ALG | NOE | BC349C | 2N3904 | 0 |
| MPS33914 | NS | 1092 | L 14 | 25 V | 254 | 5 v | 100 ma | 135C | 31 CMWF | GON 10 P | 250 MN | 2 NA | ALN | NOE | BC 349 C | 2N3904 | 0 |
| N0 ¢ 3392 | AS | 1092 | 114 | 25 V | 254 | 5 V | 100 ma | 135 C | 310 mFF | 4 P | 150 mA | 2NA | ALN | MOB | BC 349 C | 2N3904 | , |
| M0S3393 | NS | 1092 | L14 | 25 V | 254 | 5 V | 100NA | $135 C$ | 310 MmF | 4 P | 96/180 | 2 Ma | ALG | MOB | BC 347 A | 2N3903 | 0 |
| MPS 3394 | NS | 1092 | 114 | 25 V | 254 | 5 V | 100 NA | 135 C | 310 NmF | 4 P | 55/110 | 2 MA | ALG | M 08 | BC347A | 2N3903 | 0 |
| MPS3395 | NS | 1092 | 114 | 25 V | 254 | 5 V | 100 MA | 135 C | 31 CNWF | 4 P | 150 MN | 2 M | ALN | $\sim$ | BC347A | 2N3903 | 0 |
| MPS3398 | NS | 1092 | 114 | 25 V | 254 | 5 V | 100 NA | 135 C | 310 | 4 P | 55/800 | 2 MA | ALG | MOE | BC 347 A | 2 N 3903 | 0 |
| NPS3563 | ns | TC92 | 114 | 3 CV | 124 | 2 V | 50 MA | $135 C$ | 310 MWF | 600 M 1P7 | 20/200 | 8 MA | VLA | MOB | $8 \mathrm{~F} \times 73$ | 2N918 | 0 |
| MPS 3638 | PS | 1092 | L14 | 25 V | 254 | 4 V | 500 mA | 10cC | 310 NmF | 100N 20 P | 20 NN | 300 Na | AM | MOR | BC 388 | 2 N 4403 | 0 |
| MPS 36384 | PS | 1092 | L14 | 25 V | 25. | 4 V | 500 Na | 100 C | 31 cmmF | 150 N 10 P | 100MN | 5 CMA | AMG | $N \mathrm{NO}$ | BC388 | 2N4403 | 0 |
| NPS3629 | FS | 1092 | L14 | 6 V | ty | 4 V | 8 CNA | 125 C | 200 NWF | $500 \mathrm{M} 3 P 5$ | 30/120 | 1 cma | VLS | NCB | BSW25 BSW25 | 2N3546 2N3546 | 0 |
| NPS3640 | PS | 1092 | 114 | 12 V | 124 | 4 V | 80 MA | 135 C | 310 MWF | $500 \mathrm{M} \mathrm{3P5}$ | 30/120 | 1 CmA | VLS | MOR | BSW25 | 2N3546 | 0 |
| MPS 3646 | NS | 1092 | 114 | 40 V | $15 y$ | 5 V | 500 MA | 125 C | 500 MHF | 350 N 5P | 30/120 | 30 Na | VLS | S MOB | BS $\times 20$ | 2N2369 |  |
| MFS 3693 | NS | 1092 | L14 | 45 V | 45 | 4 V | 200mA | 135 C | 31 CNWF | 200N 3 P5 | 40/160 | 1 Cma | VLA | MO | BSW64 | 2N2222A | $\triangle$ - |
| MPS3694 | NS | 1092 | 114 | 45 V | $45 y$ | 4 V | 200 MA | 135 C | 31 cmbF | $200 \mathrm{M} \mathrm{3P5}$ | 100 NN | 10 Na | VLA | NCE | BSW 54 BC 388 B68 | 2N2222A | A <br>  |
| NPS 3702 NPS 3703 | PS | 1092 1092 | L14 | 40 V 50 V | 25 304 | 5 v 5 V | 200Ma | 135 C 135 C | 310 mWF 310 WWF | 100 M 12 P 100 M | $60 / 300$ $30 / 150$ | 50 Na 50 NA | A AMG | G MCB | BC 388 BC 388 | 2N4403 | O |



| TRANSISTOR NUMBER | $\begin{gathered} \text { PM } \\ \text { OA } \\ \text { LT } \end{gathered}$ | $\begin{aligned} & \text { PACK- } \\ & \text { AGE } \end{aligned}$ | $\begin{aligned} & \text { LEAD } \\ & \text { INFO } \end{aligned}$ | VCB MAX | VCE MAX | $\begin{aligned} & \text { VEB } \\ & \text { MAX } \end{aligned}$ | ${ }_{\text {MAX }}^{\mathrm{I}}$ | $\underset{\text { MAX }}{\mathbf{J}}$ | $\begin{aligned} & P_{\text {TOT }} \end{aligned}$ | $\begin{array}{ll} F_{T} & C_{O B} \\ \text { MIN } \end{array}$ | $H_{F E}$ | $\begin{gathered} \mathrm{H}_{\mathrm{FE}} \\ \text { BIAS } \end{gathered}$ | USE M | MFR | $\begin{aligned} & \text { EURO } \\ & \text { EDVT. } \end{aligned}$ | $\begin{aligned} & \text { USA } \\ & \text { EQVT. } \end{aligned}$ | ISS |
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| M 1 | PS | $\times 31$ | 168 | 40 V | 30 V | 5 V | GOOMA | 1650 | 100 MWF | 200N 12P | 30/200 | 50 ma | RMG | MCE |  |  | 0 |
| NTC404/2 | PS | $\times 31$ $\times 31$ | 168 | 40 V | 30 V | 5 V | 600 MA | 165 C | 400 mWF | 200M 10P | 75/300 | 5 CmA | RMG | MCB |  |  | 0 |
| MT0411 | PS | $\times 31$ | L 68 | 60 V | 45 v | 6 V | 100 MA | 1656 | 100 mWF | 100M 10P | 100 mN | 1 MA | Ale | MC |  |  | 0 |
| MTC412 | PS | $\times 31$ | L68 | 60 V | 45 v |  | 100 NA | 165 C | 100 MWF | 100~ 10P | 200 MN | 1 MA | ALN | CCB |  |  | 0 |
| MTC413 | PS | $\times 31$ | L68 | 40 V | 25v | 5 V | 100 MA | 165C | 100 mbF | 100 ${ }^{\text {N } 10 \mathrm{P}}$ | 60/180 | IMA | ALG | MCB |  |  | 0 |
| MT0414 | PS | $\times 31$ | 168 | 25 V | 25 V | 4 V | 100MA | 165 C | 10 CMWF | 100M 10P | $50 / 500$ | 1 MA | G | C |  |  | 0 |
| W10461 | PS | X31 | Le8 | 60 V | 50 V | 6 V | 300 ma | $165 C$ | 100 MWF | 175M 7P | 50/200 | 10 MA | AMG | MCB |  |  | 0 |
| HTC462 | PS | $\times 31$ | L68 | 50 V | 40 V | 6 V | 300MA | 1656 | 100 MwF | 175M 7P | 100 MN | 10 MA | AMG | MCB |  |  | 0 |
| MT0463 | PS | $\times 31$ | 168 | 3 cv | 20 V | 5 V | 300 MA | 165C | 10 CMWF | 150 N 8 P | 50/300 | 10 MA | AMG | MCE |  |  | 0 |
| M1C491 | PS | X31 | L68 | 30 V | 20 V | 5 V | 200MA | 165 C | 100 MWF | 375 N 6P | 30/120 | 3 CMA | RMG | MCE |  |  | 0 |
| NT0492 | PS | $\times 31$ | L68 | 25 V | 16 V | 5 V | 200MA | 165 C | 100 MWF | 375M 6P | 50/150 | 3 cma | G | MCB |  |  | 0 |
| MT0493 | PS | $\times 31$ | 168 | 15 V | 12 V | 5 V | 20CMA | 165 C | 100 MmF | 375N 9P | 30/150 | 30 MA | RMG | MCE |  |  | 0 |
| M11075 | NS | $\times 31$ | 168 | 75 V | 75 V | 4 V |  | $165 C$ | 100 MWF | 50 N 8 P | 20 MN | 10 Na | ALH | MCB |  |  | 0 |
| MT1100 | NS | $\times 31$ | 168 | 11 CV | 100 V | 4 V | 200MA | 165 C | 10 CMWF | 30 Nr 8 | 20 MN | 10 MA | ALH | MCE |  |  | 0 |
| MT3001 | NS | $\times 31$ | L 68 | 30 V | 12 V | 3 V | 100 ma | 165 C | 10 CMWF | 600M 2P8 | 20/200 | 8MA | RLG | MC B |  |  | 0 |
| NT 3002 | ns | $\times 31$ | L $\in 8$ | 30 V | 12 V | 2 V | I00MA | $165 C$ | 100 NWF | $450 \mathrm{M} 2 \mathrm{P6}$ | $20 / 200$ | 8MA | VLG | MCB |  |  | 0 |
| MT3011 | NS | $\times 31$ | 168 | 30 V | 12 v | 2 V | 100 MA | $165 C$ | 10 CMWF | 450 N 2P8 | $20 / 200$ | 8 MA | RLG | MCB |  |  | 0 |
| MT4101 | NS | $\times 21$ | L68 | 60 V | 45 V | 5 V |  | 150 C | 100 MWF | 60N 3P5 | 40/120 | IOUA | ALN | MCE |  |  | 0 |
| MT41C2 | As | $\times 31$ | L 68 | 60 V | 45 v | 5 v |  | 150C | 10 CMWF | $60 \mathrm{M} 3 P 5$ | 100 MN | 1 Cla | ALN | NC |  |  | 0 |
| NT4103 | NS | $\times 31$ | 168 | 50 V | 45 v | 5 V |  | 150 C | 100 MwF | 60 M 395 | 100MN | 1 M | AL | MC ${ }^{\text {e }}$ |  |  | 0 |
| N14104 | NS | $\times 31$ | 168 | 25 V | $25 v$ | 4 V |  | 1500 | 100 NWF | 60 N 3 P | 5 cmN | 1 MA | ALC | MCB |  |  | 0 |
| MT6001 | NS | $\times 31$ | 168 | 4 CV | 30 V | 5 V |  | 165C | 10 cmh | 200N 10 P | 30/300 | 5 CMA | R NG | NCE |  |  | 0 |
| M16002 | NS | X 31 | 168 | 40 V | 30 V | 5 V |  | 165 C | 10 CMhF | 200N 10 P | 75/300 | 5 CMA | RMG | MC E |  |  | 0 |
| M 16003 | AS | $\times 31$ | L68 | 25 V | 25 V | 4 V |  | 165 C | 100 MWF | 150M 12P | 30/300 | 50 MA | RMG | MCB |  |  | 0 |
| Mr9001 | AS | $\times 31$ | L68 | 40 V | 15 V | 4 V 5 |  | 165C | 100 MWF | $400 \mathrm{M} \mathrm{4P}$ | $40 / 120$ | 10 MA | VLS | MCB |  |  |  |
| M19C02 | AS | $\times 31$ | 168 | 3 CV | 12 V | 4 V 5 |  | 165C | 10 CMhF | 4 CON 4 P | 30/150 | 10 Ma | L | NCB |  |  | 0 |
| $\cdots 19003$ | NS | $\times 31$ | L 68 | 18 V | 12 V | 4 V |  | 165 C | 10 CMWF | 300M 4 P | 25/200 | 1 CmA | VLS | NCB |  |  | 0 |
| AK10028 | NS | 105 | 104 | 60 V | 60 v | 5 V | 1 A | 200C | 800 MhF | 50 M 12 P | 30 MN | 15 cma | ANG | NEM | BFY50 | 2N 2297 | 0 |
| NKT4 | PG | TOL | 102 | 16 V | 10 V | 10 V | 50 cma | 75 C | 90 MWF | 12M 12P | 75 TP | IMA | RLS | CBS | OC44N | 2N2614 | 0 |
| AKT 5 | $P G$ | TOL | 102 | 16 V | 10 V | 10 V | 50 cma | 750 | 90 MWF | $6 \mathrm{M} \mathrm{12P}$ | 6019 | IMA | RLS | CBS | 0C44 | 2N2614 | 0 |
| NKI11 | PG | 101 | LO2 | 18 V | 10 V | 12 V | 100 Na | 75 C | 75 MmF | 15 N 12 P | 90 MN | 1 MA | RLA | NEM | OC44N | 2N2614 | 0 |
| nKT12 | PG | TCL | LC2 | 18 V | 10v | 12 v | 10 CMA | 750 | 75 MWF | 12N 12 P | 45 MN | 1 MA | RLA | NEM | OC44N | 2N2614 | 0 |
| NK 124 | PG | 105 | L04 | $1 \in v$ | 10 V | 10 V | 500 ma | 750 | 90 MWF | 12 M 12 P | 75 TP | 1 MA | RLS | ORS | ASY27 | 2N1305 | - |
| AKT25 | PG | 105 | LC4 | 16 V | 10 V | 10V | 500 mA | 75 C | 90 MmF | 6 N 12 P | 6019 | 1 MA | RLS | OBS | ASY27 | 2N1305 | 0 |
| NKI 32 | PG | 101 | L02 | 10 V | 10 V | 12 V | 10 MA | 75C | 60 NWF | 6N 12 P | 1001P | IMA | RLG | OBS | 0C44 | 2N2614 | 0 |
| NK $\mathrm{T}_{3} 3$ | PG | TCl | L02 | 10 V | 102 | 12 V | 10 ma | 75 C | 60 MWF | 2 M 12 P | 7519 | 1 Na | RLG | OBS | OC44N | 2N2614 | 0 |
| AKT42 | PG | 105 | LC4 | 10V | 10 V | 12 V | 10 cma | 75 C | 66 MWF | 6 M 12 P | 10019 | 1 MA | RLE | OBS | OC44N | 2N2614 | 0 |
| NKT43 | PG | IC5 | L04 | 10 V | 10 V | 12 V | 10 MA | 756 | 66 MWF | 2 M 12 P | $75{ }^{70}$ | 1 ma | RLG | CBS | OC44N | 2N2614 | 0 |
| NKI52 | PG | 101 | 102 | 10 V | 10 V |  | 1 CMA | 750 | 75 NmF | 2N 30 P | 10019 | 1MA | RLG | CBS | OC44N | 2N2614 | 0 |
| NKT53 | PG | TOL | L02 | lov | 10 v |  | 10 MA | 15C | 75 MWF | 5 N 30 P | 1001p | 1 MA | RLG | CBS | OC44N | 2N2614 | 0 |
| 1K154 | PG | 101 | L02 | 10 V | 10 V |  | 10 MA | 75 C | 75 MnF | $3 \mathrm{M} \mathrm{3CP}$ | 50 TP | 1 MA | RLA | OBS | OC44N | 2N 2614 | 0 |
| AKT62 | PG | 105 | L04 | 10 V | 10 v | 10 v | 25 MA | 7.5 C | 75 MmF | 8 M 30 P | 1001P | 1 MA | RLA | CAS | ASY27 | 2N1305 | 0 |
| NKT63 | PG | 105 | L04 | 10 V | 10v | 10 V | 25 MA | 750 | 75 NWF | 2M 30P | 80 TP | 1 MA | RLA | ORS | ASY27 | 2N1305 |  |
| NK164 | PG | 105 | LC4 | 10 V | 10 V | 10 V | 25 MA | 75 C | 75 NmF | 5 N 30 P | 80 TP | 1 MA | RLA | OBS | ASY27 | 2N1305 | 0 |
| NKT72 | PG | 101 | L02 | 15 V | 10 V | 10 V | 10 MA | 75 C | 75 MWF | 9N 12 P | 40 NN | 1 MA | RLA | NEM | OC44N | 2N2614 | 0 |
| NKT73 | PG | 101 | 102 | 15 V | 1 CV | 10 V | 10 MA | 750 | 75Nwf | 4M 12P | $25 M \mathrm{~N}$ | 1 MA | RLA | NEM | OC44N | 2N2614 | 0 |
| NKT74 | PG | 101 | しくz | 15 V | 10 V | 10 V | 10 MA | 75 C | 75 MmF | 2N 12 F | 30 MN | 1 MA | RLA | NEM | OC44A | 2N2614 | 0 |
| NKT102 | PG | 1022 | L3 3 | 20 V | 20 V | 6V | 500 ma | 750 | 75 MmF | 4 N 30 P | 1001P | 1 MA | RLG | ORS | ASY27 | 2N1305 | 0 |
| NKT103 | PE | 1022 | L35 | 20 V | 20 V | 6V | 500 Ma | 75 C | 75 NWF | $2 \mathrm{M} \mathrm{30P}$ | 10019 | IMA | RLS | OPS | ASY27 | 2N1305 | 0 |
| AK1104 | PG | 1022 | 139 | 20 V | 20 V | 6 V | 500ma | 75 C | 75 MmF | $12 \mathrm{M} \mathrm{3CP}$ | 15018 | IMA | RLS | OBS | ASY27 | 2N1305 | 0 |
| AKTiOs | FG | 1022 | 134 | 2 CV | 20 V | 6 V | 500 ma . | 75 C | 75 MWF | 4N30P | 1001 P | IMA | AL S | ORS | ASY27 | 2N1 305 | 0 |
| NKT106 | PG | 1022 | 135 | 20 V | 20 V | 6 V | 500 MA | 75 C | 75 NWF | 2 N 30 P | 75 TP | 1 MA | RLS | CRS | ASY27 | 2N1305 | 0 |
| NKILO7 | PG | 1022 | LC4 | 20 V | 20 V | 6 V | 500 NA | 75 C | 75 MWF | 12N 30 P | 1501 P | 1 MA | Al S | ORS | ASY27 | 2N1305 | 0 |
| Aktice | PG | TC22 | 139 | 20 V | 204 | 6 V | 500 NA | 75 C | 75 MWF | 4 M 30 P | 10019 | 1 MA | ALS | OBS | ASY27 | 2N1305 | 0 |
| AKTICg | PG | 1022 | 139 | 20 V | 20 v | 6 V | 50 cma | 750 | 75 MWF | 2M 30P | 7519 | INA | RLS | OBS | ASY27 | 2N1305 | 0 |
| NKT121 | PG | 105 | L04 | 20 V | 20 V | 6 V | 500MA | 750 | 75 NWF | $12 \mathrm{~N} \mathrm{30P}$ | 50 MN | 500 Na | RMS | NEN | ASY27 | 2N1305 | 0 |
| NKI122 | PG | 105 | LC4 | 20 V | 20 V | 6 V | $50 \mathrm{~cm}^{\text {A }}$ | 75 C | 75 NmF | 8 N 30 P | 50 MN | $5 C C N A$ | RMS | AEM | ASY27 | 2N1305 | 0 |
| NK 1123 | PG | 105 | LC4 | 20 V | 20 V | 6 V | 500 NA | 75 C | 75 MWF | 4 M 30 P | 50 MA | 5 CCMA | RMS | AEM | ASY27 | 2N1305 | 0 |
| nKT124 | PG | 105 | LC4 | 20 V | 20v | 6 V | 50 CNA | 75 C | 75 MWF | 12 M 30 P | 50 mA | 25 MA | RLS | NEN | ASY27 | 2N1305 | 0 |
| NKT125 | $P G$ | 105 | 104 | 20 V | 20 V | 6 V | 50 cma | 75C | 75 NWF | 8 M 30 P | 50 MN | 25 MA | RLS | NEM | ASY27 | 2N1305 | 0 |
| NKTl2t | PG | 105 | LC4 | 20 V | 20 V | 6 V | 500~A | $75 C$ | 75 MWF | 4N30P | 50 MN | 25 MA | RLS | AEN | A SY27 | 2N1305 | 0 |
| AK1127 | PG | 105 | LC4 | 20 V | 20 V | 6 V | 50 cma | 750 | 75 MWF | $12 \mathrm{M} \mathrm{30P}$ | 50 MN | 1 ma | R2 S | NEN | ASY27 | 2N1305 | 0 |
| AKT128 | PG | 105 | 104 | 20 V | 20 v | 6 V | 500 MA | 75 C | 75 MWF | 8430 P | 50 NN | 1 ma | RLS | NEM | ASY27 | 2N1305 | - |
| AKT129 | PG | 105 | L04 | 20 V | 20 V | 6 V | 500NA | 750 | 75 MmF | $4 \mathrm{M} \mathrm{30P}$ | 50 MN | 1 MA | RLS | NEN | ASY27 | 2N1305 | 0 |
| NKT131 | PG | 1022 | 139 | 15V | 15 V |  | 25MA | 750 | 125 MWF | 8N 30P | 5019 | 1 MA | RLG | CBS | 0C44N | 2N2614 | 0 |
| NKT132 | PG | 1022 | L39 | 15 V | 15 V |  | 25 NA | 75 C | 125 MWF | 4 N 30 P | 40 TP | 1 MA | RLG | OBS | OC44N | 2N2614 | 0 |
| AKT133 | PG | T05 | LC4 | 25 V | 25 V | 25 V | 30 CNA | 85 C | 150 MWF | 3 M 20 P | 20 MN | 1 CMA | RLS | NEN | ASY27 | 2N1305 | 0 |
| AKT135 | PG | 105 | $1 \mathrm{C4}$ | 25 V | 20 V | 25 V | 300mA | 85. | 150 MWF | 5 M 2 CP | 40 MN | 10 MA | RLS | NEM | ASY27 | 2N1305 | 0 |
| NKT137 | PG | 105 | 104 | 25 V | 15 V | 25 V | 30 CmA | 85C | 150 MmF | 10N 20P | 60 MN | 10 MA | RLS | NEM |  |  | 0 |
| NKT139 | PG | 105 | 104 | 25 V | 15 V | 25v | 300NA | 85 C | 150 MWF | 15 M 20 P | 80 MN | 10 MA | RLS | NEM | ASY27 | 2N1305 | 0 |
| NK1141 | PG | 105 | 104 | 15 v | 12 V | 12 V | 25 NA | 75 C | 125 MWF | 15 M 3.5 P | 40 ms | 1 MA | RLA | NEM | ASY27 | 2N1305 | 0 |
| AKT142 | PG | 105 | LC4 | 15 V | 12 v | 12 V | 25 NA | 75 C | 125 MWF | 8 CNFP | 30 MN | 1 NA | RLA | NEN | ASY27 | 2N1305 | 0 |
| NKT143 | PG | 105 | L04 | 15 v | 12 V | 12 V | 25 MA | 756 | 125 MWF | 3 N 35 P | 1001P | 1 MA | RLA | NEM | ASY27 | 2N1305 | 0 |
| NKT144 | PG | 105 | $10^{4}$ | 15 V | 12 v | 12 V | 25 MA | $75 C$ | 125 NmF | 3 N 35 P | 100 TP | 1 MA | ALN | NEM | ASY 27 | 2N1305 | 0 |
| NKIL5 | $P G$ | 1022 | L39 | 6 V | 6 v |  | 10 MA | 75 C | 75 MmF | 8\% 30 P | $1501 P$ | 1 MA | RLG | OBS | OC44N | 2N2614 | 0 |
| AKT152 | PG | 1022 | L39 | Ev | 6 V |  | 10 MA | $75 C$ | 75 MWF | $4 \mathrm{M} \mathrm{3CP}$ | 10019 | 1 MA | RLG | OBS | ASY27 | 2N1305 | 0 |
| NKT154/25 | 5 PG | 1022 | 139 | ev | 6 V | 6 V | 10MA | $75 C$ | 75 MhF | 2 N 30 P | 501 P | 1MA | RLG | CBS | ASY27 | 2N1305 | 0 |
| NKT162 | PG | T05 | L02 | 9 V | 9 v | 9 V | 25 MA | 75 C | 75 MWF | 9N 30 P | 1001P | 1 MA | RLA | NEM | ASY27 | 2N1305 $2 N 1305$ $2 N 1305$ | 0 |
| NKT163 | PG | 105 | LC2 | 9 V | sv | sv | 25 MA 25 MA | 75C | 75 NWF 75 MWF | 5 N 30 P | $801 P$ 80 TP | 1 MA |  |  | ASY27 | 2N1305 | 0 |


| TRANSISTOR NUMBER | $\left.\begin{gathered} P M \\ O A \\ L T \end{gathered} \right\rvert\,$ | $\begin{aligned} & \text { PACK- } \\ & \text { AGE } \end{aligned}$ | $\left\|\begin{array}{c} \text { LEAD } \\ \text { INFO } \end{array}\right\|$ | $\begin{aligned} & \text { VCB } \\ & \text { MAX } \end{aligned}$ | $\begin{aligned} & \text { VCE } \\ & \text { MAX } \end{aligned}$ | $\begin{aligned} & \text { VEB } \\ & \text { MAX } \end{aligned}$ | ${ }_{\operatorname{MAX}}^{\mathbf{c}}$ | $\underset{\text { MAX }}{T_{J}^{J}}$ | тот | $\begin{array}{ll} F_{1} & C_{O B} \\ \text { MIN } & \text { MAX } \end{array}$ | $H_{F E}$ | $\begin{gathered} { }_{\mathrm{H}}^{\mathrm{FE}} \\ \text { BIAS } \end{gathered}$ | USE | MFR | $\begin{aligned} & \text { EURO } \\ & \text { ERVT. } \end{aligned}$ | $\begin{aligned} & \text { USA } \\ & \text { EQVT. } \end{aligned}$ | ISS |
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| NK1164 | PG | 105 | 102 | 9 V | 9 V | 9 V | 25MA | $75 C$ | 75 MmF | 3 N 30 P | 50 TP | 1 MA | RLA | NEM | ASY27 | 1305 | 0 |
| NKT164/25 | PG | 105 | L02 | 9 V | 9 V | 9 V | 25Ma | 75 C | 75MWF | 3 M 30 P | 50 TP | 1 MA | RLA | M | A SY27 | 2N1305 | 0 |
| AK1202 | PG | 1022 | L39 | 30 V | 18v | 10 V | 125 NA | 75 C | 180 NWF | 500K 60P | 1501P | 25 MA | AMG | OBS | AC128 | 06 | 0 |
| AKT203 | PG | 1022 | 139 | 30 V | 18 V | 10 V | 125 MA | $75 C$ | 180 MWF | 500k 60P | 45 TP | 1 MA | AMG | OBS | AC 128 | 2N2706 | - |
| AKT204 | PG | 1022 | 139 | 30 V | 18 V | 10 V | 125MA | 75C | 180 MHF | 500k 60P | 35 TP | 1 MA | AMG | OBS | AC 128 | 2N2706 | 0 |
| 05 | PG | 1022 | L39 | 30 V | 18 V | 10 V | 125 MA | 75 C | 18 CMhF | 500k 60P | 30 TP | 1 MA | AMG | OBS | AC128 | 06 | 0 |
| NKT206 | PG | 1022 | L39 | 30 V | 18 v | 10 V | 125 MA | 75 C | 180 M | 500k 60p | 100tP | 1 MA | AMG | OBS | AC 128 | 2N 2706 | 0 |
| AKT207 | PG | 1022 | 139 | 60 V | 45 v | 10 V | 125 mA | 75 C | 180 M | 500k 60P | 1501 P | 25MA | AMG | OBS | AC128 | 2N2706 | 0 |
| AKT208 | PG | 1022 | 139 | 30 V | 18 V | iov | 500MA | 75 | 300 M | 500K 60P | 701 P | 500 MA | AMG | OBS | AC128 | 2N2706 | 0 |
| NKT210 | PG | 101 | L02 | 45 V | 30 V | 10 V | 500mA | 90 C | 200 MwF | 500k 60P | 50 MN | 25 MA | AL | NEM | AC125 | $2 N 406$ |  |
| AK1211 | PG | 101 | LC2 | 32 V | 3 CV | 10 V | 14 | 90C | 20 CN | 500K 60P | 50 MN | 3CCNA | AMA | NEM | AC128 | 2706 | 0 |
| AK1212 | PG | 101 | 102 | 32 V | 18 V | 10 V | 500MA | 90C | 200M | 500K 60P | 50 MN | 50 MA | ANG | NEM | AC 128 | 2N2706 | 0 |
| AKT 213 | PG | 101 | L02 | 32 V | 18 V | 10 V | 250 MA | 90 C | 200M | 00k 60 | 50 NN | 1 MA | ALA | NEM | AC | 406 | 0 |
| NKT 214 | PG | TOI | L02 | 32 V | 18 V | 10 V | 250 MA | 0 C | 20 | 00 | 30 MN | M $A$ | ALA | NEM | ACl25 | 2N406 | - |
| NKT215 | PG | 101 | LC2 | 32 V | 18 V | 10 V | 250MA | 900 | 200 MmF | 500k 60P | 15 NN | 1 MA | Ala | NEM | A |  |  |
| AKT216 | PG | TCI | LC2 | 32 V | 18 V | 10 V | 250NA | 90 C | 200MwF | 500k 60P | M | 1 MA | LN | NEM | 07^ |  | 0 |
| AK1217 | PG | 101 | L02 | 60 V | 40 V | 1 cV | 500ma | 90 C | 200 MW | 500k 60P | 50 MN | 25MA | ALS | M | , |  | 0 |
| NKT218 | Pe | 101 | LC2 | 32 V | 18 V | 10 V | 1 A | 90 C | 200 MWF | 500K 60P | 50 MN | 300 | AMS | NEM | AC128 | 2N2706 | 0 |
| NKT219 | PG | TO1 | L02 | 32 V | 18 V | 10 V | 250MA | 90C | 200 MWF | 500K 60P | 85 MN | 1 MA | AL A | NEM | AC125 | 2N406 | 0 |
| NK1221 | PG | to5 | LC4 | 3 cV | 30 V | 10 V | 14 | 85C | 30 CWWF | 500K 90p | 30 MN | SCOMA | AMS | NE | ACY 17 | $2 \mathrm{NL176}$ | 0 |
| nkt222 | PG | TCl | LCa | 30 V | 30 V | 10 V | 500~A | 850 | 30 | 500k 90p | 50 MN | 25 MA | AMG | NEN | AC 117 | 76 | 0 |
| NKT223 | PG | 105 | 104 | 30 V | 30 V | 10 V | 500 MA | 85 C | 300 MWF | 500k 90P | 50 | 1 MA | AL | NEM | ACY17 | 2N1176 | 0 |
| NKT224 | PG | 105 | L04 | 30 V | 30 V | 10 V | 500 ma | 85 C | 300 MmF | 500k 90P | 30 MN | 1 MA | Al A | NEM | ACY17 | 1176 | 0 |
| NKT225 | PG | T05 | L04 | 30 V | 30 V | 10 V | 500NA | 85 C | 300 MWF | 50 | 15 MN | 1 MA | ALA | NEM | ACY17 | 2 N 1176 | 0 |
| AKT22t | PG | 105 | 104 | 30 V | 30 V | 10 V | 500 ma | 85 C | 300 MWF | 500 | 50 MN | IMA | AlN | NFM | aclofa |  | 0 |
| AKT227 | PG | 105 | 104 | 60V | 45 V | 10 V | 500 MA | 85 C | 300 | 500k 90P | 50 mN | 2 MA | Ala | NEN | ACY17 | 2N117t | 0 |
| NKT228 | PG | 105 | 104 | 30 V | 20 V | 10 V | 1 A | 85 C | 300 M | 500k 90P | 30 MN | 500MA | AMG | NEM | ACYII | 2N1176 | 0 |
| NK1229 | PG | 105 | LC4 | 30 V | 20 V | 10 V | 500 MA | 85 C | 30 CN | 500K 90P | 85 MN | 1 MA | ALA | NEM | ACY17 | 2N1176 | 0 |
| NK1237 | PG | 105 | L04 | 70 V | 32 V | 12 V | 1 A | 85 C | 300 M | 500K 90p | 50 NN 40 MN | $3 \operatorname{Coma}$ $3 \operatorname{ComA}$ | AMS | NEM | ACY $A C$ | 2N1176 | 0 |
| AKT238 | PG | 105 | LC4 | 50 V | 3 CV | 12 V | 1 A | 85 C | 300MWF | 500K 90P | 40 MN | 3 COMA | AM | NEM | $A C Y$ | 2N1176 | 0 |
| NKT239 | PG | 105 | L04 | 5 CV | 30 V | 12 V | 1 A | 85 C | 300 MhF | 500k GCF | 0 mN | 300 MA | ANS | AEM | ACY 17 | 2N1176 | 0 |
| NK | -G | T05 | 104 | 40 V | 20 V | 12 V | 1 A | 85 C | 3 CoMmF | 500K 90P | 50 MN | 50 MA | AL S | NEM | ACY17 | 2N1176 | c |
| Ak 1 | PG | 105 | L04 | 40 V | 20 V | 12 V | 1 A | 85 C | 300 M | 500k 90P | 90 MN | 50 MA | AMS | AEM | ACY17 | 2N1176 | 0 |
| AK 1242 | PG | 105 | L04 | 20 V | $15 v$ | 12 V | 1 A | 85C | 300 MWF | 500k 90p | 30 MN | 30 cma | AMS | NEM | ACY17 | 2N1176 | 0 |
| NKT242L | PG | 105 | 104 | 20 V | 15 v | 12 V | 14 | 85. | 300 mmF | 500k 50P | 30 M | 50MA | ALS | NEN | ACY17 | 2N1176 | 0 |
| N | PG | 105 | LC4 | 20 V | 15 v | 12 V | 1 A | 85C | 300 NWF | 500k 50P | 150 mN | 5 CMA | ALG | NEM | ACY17 | 2N117t | 0 |
| NKT243 | PG | 105 | 104 | 110 V | 40 V | 12 V | 14 | 85 C | 300 MWF | 590 K 90p | 50 mN | 3 CONA | ANS | NEM | ACY17 | 2N1176 | 0 |
| nk | PG | 105 | LC4 | 32 V | 18 v | 12 V | 1 A | 85 C | 300 MWF | 500K 90P | 30 MN | 30 CNA | AMG | NEM | ACY17 | 2N1176 | 0 |
| N×1245 | PG | 105 | L04 | 32 V | 15 V | 17 V | 1 A | 85 C | 300 M | 500K 90P | 50 MN | 300 NA | $A N G$ | NE N | ACY17 | 2N1175 | 0 |
| n<t261 | PG | 105 | L04 | 15 V | 12 v | 5 V | 500MA | 85C | 300 mm | 500k GOP | 50 mN | 50 MA | ALG | NEM | ACY 17 | 2N1176 | 0 |
| NK12 | PG | 105 | LC4 | 15 V | 12 v | 5 V | 250MA | 85 C | 300 NWF | 500K 90P | N | INA | Ala | NEM | ACY 1 | 2N1176 | 0 |
| AK 12 | 96 | 105 | 104 | 15 V | 12 v | 5 V | 500N4 | 85 C | 300 MhF | 500k 90p | 25 MN | 2 CCMA | AMG | NEM | ACY17 | 2N1176 | 0 |
| N | PG | 105 | 104 | 15 V | 12 v | 5 V | 25CMA | 85. | 300 | 500k 90P | 85 MN | 1 MA | ALA | NEM | AC Y17 | 2N1176 | 0 |
| AKT265 | $P G$ | 105 | L04 | 15 V | 12 V | 5 V | 250MA | 85C | 300 | 500k 90P | 30 mN | 1 MA | Al A | NEM | ACY17 | 2 Nl | 0 |
| NK 1270 | PG | 101 | LC2 | 15 V | 15 v | 5 V | 125MA | 90C | 20 CNWF | 500k 60P | 35 MN | 1 MA | Ala | AE | AC 125 | 2N406 | 0 |
| NKT271 | PG | 101 | LC2 | 15 v | 15 v | 5 v | 500 NA | 90 C | 200 MWF | 500K 60P | 50 mN | 5 CNA | AMG | NEN | AC128 | 2N2706 | 0 |
| NKT272 | PG | 101 | L02 | 15 V | 15 v | 5 v | 250 MA | 90 C | 200 MinF | 500K 60P | 35 MN | 1 MA | ALA | NEM | AC 125 | 2N406 | 0 |
| NKT273 | PG | 101 | LOz | 15 V | 15 v | 5 V | 500 NA | 900 | 200 MhF | 500K 60P | 25 NN | 200 MA | AMG | NEN | AC 128 | 2N2706 | 0 |
| NKT274 | PG | TO1 | 102 | 15 V | 15 V | 5 V | 250 MA | 906 | 200 MWF | 500 K 60 P | 85 MN | 1 MA | ALA | NEM | AC125 | 2 N 406 | 0 |
| NK1275 | PG | IC1 | L02 | $15 v$ | 15 V | 5 V | 250 MA | 906 | 200 MwF | 500 K 60P | 30 MN | 1 NA | ALA | NEM | AC125 | 2N406 |  |
| NKT275J | PG | TO1 | LCe | 15 V | 15 V | 5 v | 125 NA | 90 C | 200MWF | 500k 70p | 50 MN | 1 MA | AL C | NEM | AC 12 t | 2N2431 | 0 |
| AKT278 | PG | 101 | 102 | 15 V | 15 v | 5 V | 125 MA | 90 C | 200 NWF | 500k 70 P | 45 MN | 1 MA | ALG | NEM | ACl26 | 2N2431 | 0 |
| NKT281 | PG | 101 | LC2 | 32 V | 16 V | 10 V | 1 A | 90 C | 220 NWF | 600k 90 | 60 mN | 300 NA | ANG | NEM | AC 128 | 2N2706 | 0 |
| NKT302 | $P ¢$ | T08 | 112 | 60 V | 40 v | 15 V | 2500 NA | 85 C | 750 MWF | 400k | 50 MN | 50 MA | AHG | OBS | ACL 36 | 2N11848 | - |
| AKT3C4 | PG | 108 | 412 | 30 V | 20 V | 15 v | 2500 Na | 85 C | 750 MWF | 400 K | 50 MN | 5 CMA | AHG | ORS | AC136 |  | 0 |
| AKT351 | PG | 108 | 112 | 30 V |  | 5 V | 2500NA | 850 | 700 MhF | 400 K | 30 m | 1 A | AHG | CBS | AD136 | 2N1184f | 0 |
| NKT401 | PG | 103 | L05 | 90 V | 60 V | 40 V | 10 A | 906 | 50 WC | 200K250P | 25/75 | 14 | aht | NEM | AS 215 | 2N1533 | 0 |
| NK14C2 | PG | 103 | LC5 | 60 V | 32 V | 20 V | 1 CA | 906 | 50 wc | 200K250 | 60/180 | 14 | AMG | AEM | ASL10 | 2N1536 | 0 |
| NK1403 | PG | 103 | LC5 | 80 V | 32 v | 40 V | 10A | 90 C | 50 WC | 2001250 P | 50/150 | $1 \Delta$ | AHG | NEM | ASZ16 | $2 N 1536$ $2 N 1536$ | 0 |
| NKT4C4 | PG | 103 | LC5 | 60 V | 324 | 20 V | 108 | 90 C | 50 w | 200k 250 P | $50 / 150$ | 1 A | AHG | NEM | AS216 | 2N1536 | 0 |
| NKT405 | PG | 103 | 105 | 60 V | 32 V | 20 V | 5 A | 90 C | 50 wc | 200K250P | 100 mN | 14 | AHG | NEM | ASZ16 | 2N153t | 0 |
| NKT40t | PG | 103 | 105 | 60 V | 32 V | 20 V | 1 CA | 90C | 50 WC | 200k250P | $30 / 50$ | 14 | AHG | NEM | ASZ16 | 2N1536 | 0 |
| NKT420 | PG | 103 | LC5 | 12 CV |  | 5 CV | 5 A | 90C | 43 WC | 200K250P | 30/90 | 14 | AHH | NEM | ASZ 15 | 2N1533 | 0 |
| AKT450 | PG | 103 | L05 | 36 V | 364 | 10 v | 3 A | 90 C | 43 WC | 200K 250 P | 30 MN | 1 A | AHG | NEM | ASZ16 | 2N1536 | 0 |
| AKT451 | PG | 103 | L05 | 36 V | 32 y | 10 V | 3 A | 90C | 43 W | 250 P | 50/150 | 1 A | AHG | NEM | AS216 | 2N1536 | 0 |
| NK1452 | $P G$ | 1 C 3 | LO5 | 36 V | 32 v | 10 V | 3 A | 90 C | 43 nc | 200K250P | 30/90 | 14 | AHG | NEM | ASZ 16 | 2N153t | 0 |
| NKT453 | PG | 103 | 105 | 36 V | 322 | 10 V | 34 | 90 C | 43 WC | 200K250 P | 15/45 | 1 A | AHG | NEM | ASL16 | 2N1536 | 0 |
| NKT603F | PG | 107 | L07 | 40 V | 204 | 1 V | SONA | 750 | 80 MWF | 60M 3P5 | 50 MN | 1 MA | RLA | NEN | AF 124 | 2N990 | 0 |
| nktó13F | PG | 107 | L07 | 40 V | 204 | 1 V | 10 MA | 750 | 80 MWF | 4 MM 2 P | 40 MN | 1 MA | RLA | NEM | AF 124 | 2N990 | 0 |
| NKT654 | PG | 1072 | 106 | 20 V | 12 V | 1 V | 10 Na | 75 C | 65 MW | 35 N 3 P | 60 NN | INA | RLA | NEM | AF 124 | 2N990 | 0 |
| NK1655 | PG | 1072 | LC6 | 20 V | 124 | 1 v | 10 MA | 75C | 65 MWF | F 40 N 3 F | GOMN | 1 MA | RLA | NEM | AF 124 | 2N990 | 0 |
| AKT656 | PG | 1072 | 106 | 20 V | 124 | 1 V | 10 MA | 750 | 65 MWF | F 40 M 3P | 60 MN | 1 MA | RLA | NEM | AF 124 | 2N990 | 0 |
| AKT657 | PG | 1072 | LC6 | 20 V | 124 | 1 V | 1 CMA | 750 | 65 MWF | $F \quad 40 \mathrm{M} 3 \mathrm{P}$ | 60 MN | 1 MA | RLA | NE | AF 124 | 2N990 | 0 |
| AKT674F | PG | 107 | L07 | 20 V | 12 y | iv | 10 MA | 750 | 30 MWF | 40 M 3 3 | 60 MN | 1 MA | RLA | NEM | AF 124 | 2N990 | 0 |
| NK1677F | PG | 107 | L07 | 2 CV | 124 | IV | 10 MA | 75C | 80 Mm | 40 N 3 P | 60 NN | 1 MA | RLA | NEM | AF124 | 2N990 | 0 |
| AKT113 | $\wedge G$ | T01 | LC2 | 30 V | 154 | 15 V | 500 NA | 85 C | 160 NWF | F 1 M 90 P | 50 MN | 5 CMA | AMA | NEM | AC176 | 2N243C | - |
| AKT717 | NG | 101 | 102 | 45 V | $30 y$ | 10 V | 150 MA | 80 C | 150MWF | F 500 K 70 P | 40/150 | 5 CMA | AMG | NEM | AC 176 | 2N2430 | 0 |
| AKT732 | $\wedge G$ | 105 | 104 | 25 V | 254 | 25 V | 300ma | $85 C$ | 150 MWF | F 2 N 20 P | 20 NA | 10 MA | RLS | NEM | ASY29 | 2N1304 | 0 |
| NKT734 NKI736 |  |  | L04 | 25 V 25 v | $20 y$ |  | 300 MA | $85 C$ | 150 N | $\begin{array}{cc}4 \mathrm{~N} & 20 \mathrm{P} \\ 8 \mathrm{~N} & 20 \mathrm{P}\end{array}$ | 40 MN 60 MN | 10 MA | RLS | NEM | ASY29 | 2N1304 | - |


| TRANSISTOR | $\begin{aligned} & \text { PM } \\ & \text { OA } \\ & \text { LT } \end{aligned}$ | $\begin{array}{\|c} \text { PACK- } \\ \text { AGE } \end{array}$ | $\left\|\begin{array}{c} \text { LEAD } \\ \text { INFO } \end{array}\right\|$ | $\begin{aligned} & \text { VCB } \\ & \text { MAX } \end{aligned}$ | $\begin{aligned} & \text { VCE } \\ & \text { MAX } \end{aligned}$ | $\begin{aligned} & \text { VEB } \\ & \text { MAX } \end{aligned}$ | ${ }_{\operatorname{MAX}}^{\mathbf{C}}$ | $\stackrel{T}{\mathrm{~J}}$ | TOT | $\begin{array}{ll} F & C_{0 B} \\ \text { MIN } & \text { MAX } \end{array}$ | $H_{F E}$ | $\begin{gathered} \mathrm{H}_{\mathrm{FE}} \\ \text { BIAS } \end{gathered}$ | USE | MFR | $\begin{aligned} & \text { EURO } \\ & \text { EQVT. } \end{aligned}$ | USA EQVT. | ISS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| AK 1738 | NG | 105 | L04 | 25 V | 15 V | 25 V | 300MA | 85 C | 150 NFF | 12M 2CP | 80 MN | 10MA | RLS | NEM | ASY29 | 2N1304 | 0 |
| NKT773 | NG | 101 | 102 | 15 V | 12 V | 5 V | 300mA | 856 | 150 MWF | 1N 90p | 50 MN | 50 MA | Ala | NEM | AC 176 | 2N2430 | 0 |
| NKT781 | AG | T01 | L02 | 32 V | 20 V | 5 V | 1 A | 906 | 215 MWF | 500k 90P | 52 MN | 5 COMA | AMG | NEM | AC176 | 2N2430 | 0 |
| NK1782 | NG | 101 | LC2 | 15 V | 12 V | 5 V | 1 A | 90 C | 300 MWF | 500K 90P | 165 MN | 5 Ccma | AMG | NEM | AC176 | 2N2430 | 0 |
| AK13702 | PS | 1018 | LCl | 40 V | 25 V | 5 V | 200mA | 150C | 300 MwF | 100M 10P | 60/300 | 50 MA | ALG | NEM | BC 177 | 2N3965 | 0 |
| NKT 3703 | PS | 1018 | LO1 | 50 V | 30 V | 5 V | 200MA | 1500 | 300 MWF | 100 N 10 P | $30 / 150$ | 50 MA | AL G | NEM | BC177 | 2N3965 | 0 |
| NK13704 | NS | 1018 | LCl | 5 CV | 30 V | 5 V | 800MA | 150 C | 360 MmF | 100 12 P | 100 MN | 50 MA | AMG | NEM | BS×33 | 2N731 | 0 |
| NKT3705 | NS | 1018 | LOL | 50 V | 30 V | 5 v | 800 ma | 150 C | 360 MmF | 100 12 P | 50/150 | 50 MA | AMG | NEM | $85 \times 33$ | 2N731 | 0 |
| AKT3706 | AS | T018 | LOL | 40 V | 20 V | 5 V | 800 Na | 150 C | 360 MWF | 100M 12 P | 30/600 | 50 MA | AMG | NEM | BSX33 | 2N731 | 0 |
| AKT3707 | AS | 1018 | LOL | 30 V | 30 V | 6 V | 30 MA | 150 C | 250 MWF | 100M 6P | 100 MN | 100UA | ALN | NEM | BC 109 | 2N930 | 0 |
| NKT3708 | ns | 1018 | L01 | 30 V | 30 V | 6 V | 30 MA | 150C | 250 MWF | 100N 6P | $45 / 660$ | 1 MA | ALG | NEM | BC107 | A157 | 0 |
| NK13709 | NS | T018 | 1 Cl | 30 V | 30 V | 6 V | 30 MA | 150 C | 25 CMWF | 100N 6P | 45 MN | IMA | AL G | NEM | BC107 | A157 | 0 |
| NKT3710 | NS | 1018 | LCl | 30 V | 30 V | 6 V | 30 MA | 150 C | 250 MWF | 100 M 10 P | 90/330 | 1 MA | ALG | NEM | BC107 | A157 | 0 |
| AKT3711 | NS | 1018 | 1 Cl | 30 V | 30 V | 6 V | 30Na | 150C | 25MWF | 100M 6P | 180 MW | 1 MA | ALN | NEM | BC 109 | 2N930 | 0 |
| NKT10339 | AS | 1018 | LOL | 45 V | 30 V | 5 V | 500 MA | 175 C | 500 MWF | 50 M 10 P | 50/150 | 100MA | AMG | NEM | BS×33 | 2N731 | 0 |
| NKT10419 | NS | T018 | L01 | 25 V | 25 V | 5 V | 100ma | 175 C | 30 CMWF | 70N 7P | 100 MN | 1 coua | ALG | NEM | BC107 | A157 | 0 |
| AKTLO439 | NS | 1018 | LCl | 45 V | 30 V | 5 V | 500 MA | 175 C | 500 MWF | 50M 10P | 100 mN | 1 coma | AMG | NEN | BSX33 | 2N731 | 0 |
| NKT10518 | NS | 1018 | 101 | 50 V | 45 v | 5 V | 200MA | 1750 | 300 MWF | $150 \mathrm{M} \mathrm{4P5}$ | 250 MN | 2MA | ALN | NEM | BC 109 | 2N930 | 0 |
| AKT10519 | AS | T018 | LCl | 25 V | 25v | 5 V | 100NA | 1750 | 300 MWF | 75N 6P | 200MN | 100UA | ALN | NFM | BC109 | 2N930 | 0 |
| NKT12329 | AS | 1018 | L01 | 30 V | 20 V | 4 V | 500 ma | 1750 | 500 MWF | 200 N 8 P | 40/120 | 10Ns | RMG | NEM | BSW64 | 2N2222A | 0 |
| NKT | NS | T018 | L0 1 | 30 V | 20 V | 4 V | 500 MA | 175 C | 500 MmF | 200M 8P | 80/320 | 10 Ma | RNG | NEM | B SW64 | 2N2222A | 0 |
| AKT13329 | AS | 1018 | LC1 | 30 V | 15 V | 5 V | 500 NA | 200 C | 360 MWF | 300M 5P | 40/120 | 1 CMA | RLS | NEM | BS $\times 20$ | 2N2369 | 0 |
| AKT13429 | AS | 1018 | LO1 | 30 V | 15 V | 5 V | 500 ma | 200C | 360 MWF | 300M 5P | 80/320 | 10 MA | RLS | NEM | BSX20 | 2N2369 | 0 |
| NKT16229 | NS | 1072 | L06 | 30 V | 15 V | 3 V | 50 Ma | 200C | 200 MWF | 600 M 1P8 | 20 MN | IMA | VLA | NEM | BFX73 | 2N918 |  |
| NKT20329 | PS | T018 | L01 | 30 V | 30 V | 4 V | 100NA | 175 C | 300 MmF | 100 N BP | 50 Na | 1 coua | Al A | NEM | BCY7 1 | 2N3965 | 0 |
| AK120339 | PS | T018 | LCI | 45 V | 40 V | 5 V | 100MA | $200 C$ | 400 MWF | 100M 6P | 40/160 | 10 ma | RNE | NEM | BSW24 | 2N2907A | 0 |
| AKT35219 | AS | 1072 | L06 | 20 V | 15 V | 3 v | 50NA | 200 C | 200 MiFF | $500 \mathrm{M} \mathrm{1P} 8$ | 20 MN | IMA | VLA | NEM | BFX73 | 2N918 | 0 |
| CC20 | PG | 103 | L05 | 100 V | 75 v | 4 CV | LCA | 100C | 30 WH | 250k250P | 25 MN | 1 A | AHH | MLA | NKT420 |  | 0 |
| OC 22 | $P G$ | 103 | LOS | 47 V | 32 v | 12 V | 14 | 80 C | 16 wH | 2 M | 50 MN | 14 | RHG | OBS | ALL 03 |  | 0 |
| 0C23 | PG | 103 | L05 | 55 V | 24 v | 12 V | 14 | 80 C | 16 hH | 2 M | 50 mN | 14 | RHG | OBS | Allo3 |  | 0 |
| CC24 | PG | 103 | 105 | 47 V | 32 V | 12 V | 14 | 80 C | 16 WH | 2 M | 50 MA | 14 | RHC | OBS | AL 103 |  | 0 |
| OC25 | $P G$ | 103 | 105 | 40 V | 40 V | 10 V | 4 A | 100 C | 23 hH | 200 K | 15 N | 14 | AHG | MUE | AS 116 | 2N153t | 0 |
| OC28 | PG | 103 | L05 | 80 V | 60 V | 40 V | \& A | 100 C | 30 wH | 200 K 200 P | 20 MN | 14 | AHH | MUB | AS215 | 2N1533 | 0 |
| OC29 | $P G$ | 103 | LCS | 8 CV | 32 V | 20 V | 8A | 100C | 30 WH | 200k200P | 45 MN | 14 | AHG | ~ LB | ASZ 16 | 2N1536 | 0 |
| CC35 | PG | 103 | L05 | 60 V | 32 v | 20 V | 8 A | 1000 | 30 ht | 200k200p | 25 MN | 14 | AHG | MUB | AS216 | 2N1536 | 0 |
| CC 36 | PG | 103 | 105 | 8 CV | 32 V | 4 cv | 8 A | 1000 | 30 WH | 200K 20CP | 30 MN | 1 A | AHG | MLB | ASL16 | 2N1536 | - |
| $00^{4} 1$ | PG | $\times 01$ | LC3 | 16 V | 15 V | 10 V | 50 MA | 80 C | 50 NmF | 4 N 12 P | 35 TP | 50 MA | RLS | Mu8 | OC 44 N | 2N 2614 | - |
| OC41N | PG | TO1 | L02 | 16 V | 15 v | 12 V | 50 MA | 80 C | 83 MWF | 4 N 12 P | 20 MN | 50 Ma | RLS | $\checkmark \triangle L$ | OC44N | 2N2614 | 0 |
| CC42 | PG | $\times 01$ | LC3 | 16 V | 15 V | 10 V | S0NA | 80 C | 50 | 7 M 12 P | 7019 | 5 CMA | RLS | MUB | OC44N | 2N2614 | 0 |
| CC42N | PG | 102 | L02 | 16 V | 15 V | 12 V | 50 MA | 80 C | 83 MWF | 5 M 12 P | 40 MA | 50 MA | RLS | Val | OC44N | 2N2614 | 0 |
| 0 C 43 | P | $\times 01$ | L03 | 15 V | 15 V | 12 V | 50 MA | 80 C | 80NWF | 15 N 12 P | $100 T P$ | 50 Ma | RLS | mub | OC44N | 2N2614 | 0 |
| OC43N | PG | 101 | LC2 | 15 V | 15 v | 12 V | 5 CMA | 80 C | 83 NnF | 12N 12 P | 50 MN | 50 MA | RLS | $\checkmark$ AL | OC44N | 2N2614 | 0 |
| 0644 | PG | $\times 01$ | LC3 | 15 V | 12 V | 12 V | IONA | 80 C | 83 MWF | 3 M 12 P | 100TP | 1 MA | RLA | Mus | OC 44 | 2N2614 | 0 |
| $0 C 44 N$ | FG | r01 | LC2 | 15 V | 15 V | 12 V | 5 NA | 75 C | 83 MWF | 8 M 12 P | 45 MN | 1 MA | RLA | NEM | 0644 N | 2N2614 | 0 |
| CC45 | PG | $\times 01$ | LC3 | 15 V | 15 V | 12 V | 10 MA | 806 | 83 NWF | 4M 12P | 5019 | 1 MA | RLA | Mub | OC44N | 2N2614 | 0 |
| OC45N | PG | 101 | 102 | 15 V | $v$ | 12 V | 5 MA | 80 C | 83 MhF | 4M 12P | 25 MN | 1 MA | RLA | VAL | OC44N | 2N2614 | 0 |
| CC46 | PE | $\times 01$ | LC3 | 2 cv | 20 v | 15 v | 125 MA | ${ }^{80} \mathrm{C}$ | 83 NWF | 2M 12 P | 801P | 3 MA | RLA | VAL | OC44N | 2N2614 | 0 |
| CC47 | PG | $\times 01$ | L03 | 20 V | 20 V | 15 V | 125 NA | 80 C | 83 MWF | 4 M 12 P | 200 TP | 15 MA | RLG | VAL | OC44N | 2N2614 | - |
| CC65N | PG | 101 | LC2 | 10 V | 10 v | 10 V | 10 MA | 65 C | 25 MWF | 100K 400 | 30 MN | 4 MA | ALA | NEM | AC125 | 2N406 | 0 |
| ac66N | PG | T01 | L02 | 10 V | 10 V | 10 V | 10 MA | 65 C | 25 MwF | 100K 40P | 50 MN | 2 MA | Al $A$ | NFM | AC125 | 2N406 | 0 |
| OC 7C | PG | $\times 1$ | L03 | 20 V | 20 V | 10 V | 10 MA | 80 C | 125 MmF | 200k 30P | 15 MN | 5 MA | ALG | OBS | AC107 | 2N406 | 0 |
| ccion | PG | 101 | LC2 | 30 V | 10 v | 10 V | 10 NA | 75C | 125 MWF | 200k 40P | 20 MN | 50004 | AlA | NEM | AC125 | 2N406 | 0 |
| CC71 | PG | $\times 1$ | LC3 | 20 V | 20 V | 10 V | 10 MA | 80 C | 125 MWF | 300K 30P | 30 MN | ¢MA | ALG | OBS | AC 137 | 2N406 | 0 |
| OC7IN | PG | 101 | 102 | 30 V | 10 v | 10 V | 10 MA | $75 C$ | 125 MWF | 200K 40 P | 30 NN | IMA | ALA | NEM | AC125 | 2N406 | 0 |
| 0C72 | PG | $\times 02$ | L03 | 16 V | 16 V | 10 V | 125 NA | 80 C | 165 NmF | 250 K 40 P | 30 NN | 80 mA | AMG | ORS | ACl 28 | 2N2706 | 0 |
| CC72N | PG | T01 | L02 | 32 V | 15 V | 10 V | 125NA | 75 C | 125 MWF | 290K 40P | 45 Mn | 10 Na | ALA | NEM | AC 125 | 2N406 | 0 |
| CC 73 | PG | $\times 1$ | LC3 | 32 V | 30 V | 20 V | 10 MA | 80 C | 125 MWF | 300K 308 | 25 MN | 10NA | ALG | OBS | AC 125 | 2N406 | 0 |
| CC73N | PG | 101 | L02 | 32 v | 16 V | 10 V | 10 MA | 75 C | 125 MWF | 200K 40P | 30MN | 500UA | ALA | NEM | AC125 | 2N406 | 0 |
| 0 C 74 | PG | $\times 02$ | L03 | 20 V | 20 V | 6 V | 300 MA | 75 C | 550 MWH | 100K 50P | $40^{\mathrm{NN}}$ | 50 MA | ANG | OBS | AC128 | 2N2706 | 0 |
| OC 74 N | $P \mathrm{~F}$ | TO1 | L02 | 20 V | 10 v | 6 V | 300 MA | 75 C | 550 MWH | look 50P | 60 MN | 50 MA | AMG | NEM | AC128 | 2N2706 | 0 |
| CC75 | PG | $\times 01$ | 103 | 20 V | 20 V | 10 V | 10 MA | 75 C | 125 MWF | 100K 50p | 55 MN | 1 CMA | ALG | MUB | AC125 | 2N406 | 0 |
| cc75n | PG | T01 | L02 | 30 V | 10 v | 10 V | 10 MA | 75 C | 125 MWF | 200k 40P | 60 MN | 3 MA | ALA | NEM | AC125 | 2N406 | 0 |
| OC70 | PG | X02 | L03 | 32 V | 32 V | 10 V | 125 MA | 75 C | 125 MiNF | 100K 40 P | 30 MN | 80 MA | AMG | OBS | ACl 28 | 2N2706 | 0 |
| CC76N | PG | 101 | L02 | 32 V | 16 V | 10 V | 125 MA | 75 C | 125 NWF | 200K 40 P | 45 MN | 10 ma | ALC | AEM | AC125 | 2N406 | 0 |
| OC77 | PG | $\times 02$ | L03 | 60 V | 60 v | 10 V | 250 Na | 8 CC | 12 SMWF | 250K 40 P | 45 MN | 10 MA | H | OBS | OC77N | 2N1176 | 0 |
| 0C77M | PG | 105 | 104 | 60 V | 60 V | 10 V | 125 MA | 80C | 180 MWF | 200K 400 | 25 MA | 125 MA | ANH | cbs | OC77N | 2N1176B | 0 |
| OC77N | PG | 101 | L02 | 60 V | 45 V | 10 V | 125 MA | 806 | 180 MWF | 200K 50P | 25 MN | 125 MA | ALS | NEM | OC77A | 2N1176B | 0 |
| OC78 | PG | $\times 02$ | L03 | 15 V | 10 V | 6 V | 70 MA | 80 C | 500 MWH | $200 \mathrm{~K} \mathrm{40P}$ | 15 MN | 70 MA | AMG | OBS | AC128 | 2N2706 | 0 |
| CC780 | PG | x02 | L03 | 12 V | 9 v | 6 V | 10 MA | 80 C | 125 MWF | 200K 40P | 30 MN | 3 MA | ALE | O日S | AC125 | 2 N 406 | 0 |
| 0678 N | PG | 101 | LC 2 | 20 V | 12 v | 10 V | 200 MA | 9 CC | 200 MmF | 500K 50P | 25 MN | 2 MA | AL | NEM | AC 125 | 2N406 | 0 |
| OC 79 | PG | x02 | 103 | 26 V | 13 V | 6 V | 300MA | 80 C | 550 MWH | 200K 50P | 50 mN | 5 MA | AMG | ObS | AC128 | 2N2706 | 0 |
| CC79N | PG | 101 | LC2 | 20 V | 12 V | 12 V | 200MA | 9 CC | 200 MmF | 500k 60P | 25 MN | 125 MA | ALA | NEM | AC125 | 2N406 | 0 |
| OC. 81 | PG | x02 | Lo. | 32v | 10 V | 3 V | 200NA | $90 C$ | 600 MWH | 1M 70P | 50 MN | 100 MA | AMG | OBS | AC128 | 2N2706 | 0 |
| CC810 | PG | $\times 02$ | LC3 | 16 V | 16 V | 3 V | 10 MA | 80 C | 150 MWF | 200K 40P | 20 MN | 5 MA | ALC | OBS | AC 125 | 2N406 | 0 |
| CCBION | PG | 101 | LC2 | 16 V | 16 V | 3 v | 10 MA | 80 C | 125 MWF | 200K 40P | 20 MN | 5 MA | G | S | AC 125 | 2 N 406 | 0 |
| OCEIN | PG | 101 | 402 | 32 V | 18 V | 10 V | 500 MA | 85 C | 200 MWF |  | SONN | 50 MA | AMG | NEM | AC128 | 2N2706 | 0 |
| CC812 | PG | -02 | LC3 | 50 V | 40 V | 10 V | 200MA | 90C | 600 NWH | 1 M 70 P | 50 MN | 100 ma | AMH | OBS |  |  | 0 |
| CC82 | PG | $\times 02$ | 103 | 16 V | 16 V | 6 V | 200 MA | 80C | 600 MWH | 400K 40P | 15 MN | 3 MA | ALG | OBS | AC125 AC125 | 2N406 | O |
| CC820 | PG | $\times 02$ | LC3 | 16 V | 16 V | 6 V | 10 MA 10 ma | $80 C$ $80 C$ | 150 MWF 170 MWF | $\begin{array}{ll}200 \mathrm{~K} & 40 \mathrm{P} \\ 200 \mathrm{~K} & 40 \mathrm{P}\end{array}$ | 30 MN 30 MN | 3MA | ALG | OBS | AC125 $A C 125$ | 2N406 | 0 |


| TRANSISTOR NUMBER | PM <br> OA <br> LT | $\begin{aligned} & \text { PACK- } \\ & \text { AGE } \end{aligned}$ | $\begin{aligned} & \text { LEAD } \\ & \text { INFO } \end{aligned}$ | VCB MAX | $\begin{aligned} & \text { VCE } \\ & \text { MAX } \end{aligned}$ | VEB MAX | I C MAX | $T$ J MAX | TOT | $\begin{array}{ll} \text { F } & C_{0 B} \\ \text { MIN } & \text { MAX } \end{array}$ | $H_{F E}$ | H FE BIAS | USE | MFR | $\begin{aligned} & \text { EURO } \\ & \text { EQVT. } \end{aligned}$ | USA EQVT. | Iss |
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| CC83 | PG | 101 | LCE | 32 V | 204 | 3 V | 500~A | 100 C | 600 MHH | $1 \mathrm{M100P}$ | 40 MN | 300 mA | AMG | OBS | AC128 | 2N2706 | 0 |
| OC83N | PG | 101 | LC2 | 32 V | 20 V | 1 cv | 1 A | 90C | 220 MWF | 400k 808 | 40 MN | 300 MA | AMG | NFM | AC 128 | 2N2706 | 0 |
| OC84 | PG | 101 | L02 | 32 v | 20 V | 3 V | 500ma | 100C | 600 MWF | 1M100P | 50 MN | 300 MA | AMG | OBS | AC128 | 2N270t | 0 |
| OC84N | ${ }^{P G}$ | 101 | L02 | 32 V | 20 V | 10 V | 1 A | 90C | 220 MWF | 500K 80P | 50 MN | 300 MA | AMG | NEM | ACl28 | 2N2706 | 0 |
| CC 170 | PG | 107 | LC7 | 2 CV | 20 V | Iv | 10 MA | 80 C | 8CNWF | 60M 5P | 1507p | 1 MA | RLA | OES | AF 124 | 2N990 | 0 |
| CC171 | PG | 107 | 107 | 20 V | 204 | Iv | 10 MA | 80 C | 80 MWF | 60M 5P | 150 TP | 1 MA | RLA | CBS | AF124 | 2N990 | 0 |
| CC200 | PS | $\times 02$ | 103 | 30 V | 25 v | 20 V | 100 ma | 150C | 250 NWF | 450 K 60 P | 15 MN | 1 MA | ALA | MUB | BCY32 | 2N1475 | 0 |
| CC201 | PS | X02 | LC3 | 25 V | 2 cv | 20 V | 100 mA | 150 C | 25 cmp | 2N 50 P | 20 MN | 1 MA | AlA | MUB | BCY32 | 2N1475 | 0 |
| CC202 | PS | x02 | L03 | 15v | 10 V | 10 V | 100 MA | 150C | 25 CMWF | 1 N 50 P | 40 MN | IMA | al A | MUB | BCY32 | 2N1475 | 0 |
| cc203 | PS | $\times 02$ | LC3 | 60 V | 5 CV | 30 V | 100NA | 150C | 250 MWF | 300K 50P | 10 MN | 1 Ma | Al A | MUB | BCY32 | 2N1475 | 0 |
| 0C204 | PS | $\times 02$ | 403 | 32 V | 32 V | 12 V | 250MA | 150 C | 300 MWF | 450 K 50 P | 10 MN | 150 MA | ALA | MLB | BCY $\times 2$ | 2N1475 | 0 |
| 0 C 205 | PS | X02 | 103 | 60 V | 60 V | 12 V | 250 Na | 150C | 300 NWF | 450k 50p | 10 MN | 150 MA | Al A | MUB | BCY32 | 2N1475 | 0 |
| CC206 | PS | $\times 02$ | LC3 | 32 V | 32 v | 12V | 250MA | $150 C$ | 30 CNWF | 850 K 50 P | 16 MN | 15 CMA | ALA | NUB | BCY32 | 2N1475 | 0 |
| CC 303 | PG | t01A | L02 | 32 V | $15 v$ | 10 V | 50 Na | 75C | 110 MWF | 300k | 26 TP | 1 MA | ALG | M1S | AC125 | 2N406 | 0 |
| CC304 | PG | tola | LC2 | 32 V | 15 v | 1 CV | 50 MA | 75 C | 110 MWF | 4 COK | 65 TP | lna | ALG | MIS | AC 125 | 2N406 | 0 |
| CC304/1 | PG | tola | LC2 | 32 V | 15 v | 10 V | 50 MA | 750 | 11 CMhF | 300k | 40 TP | INA | ALG | M 15 | AC125 | 2N406 | 0 |
| 0C304/2 | PG | t01a | 102 | 32 V | $15 v$ | 10 V | 50 Na | 750 | 11 cmwF | 400k | $651 p$ | 1 MA | AlG | M1S | AC125 | 2N406 | 0 |
| CC 304/3 | PG | tola | 1 C 2 | 32 V | 15 v | 10 V | 50 Na | 75 C | 110 NWF | 500k | 100TP | 1 MA | ALG | M 15 | AC125 | 2N406 | 0 |
| CC 305 | PG | tola | L02 | 32 V | 8 v | 10 V | 50 MA | 750 | 110 MWF | 600k | 200 TP | 1 MA | ALG | M1 S | AC 125 | 2N406 | 0 |
| CC305/1 | ${ }^{\text {PG }}$ | rola | 102 | 32 V | 8 v | 10 V | 50 Na | 75 C | 110 MwF | 600 K | 1501P | 1 Ma | ALG, | M1S | AC125 | 2N406 | 0 |
| CC3C5/2 | PG | icla | LC2 | 32 V | 8 v | 1 CV | 50 MA | 750 | 11 CMhF | 1 M | $2301 p$ | 1 NA | AL G | N1S | AC125 | 2N406 | 0 |
| OC 306 | PG | t01a | L02 | 32 V | 15 v | 10 V | 50 Na | 750 | 110 MwF | 300K | 701 P | 1 MA | ALG | M 15 | AC125 | 2N406 | 0 |
| [C306/1 | PG | 101A | LC2 | 32 V | 15 v | 10 V | 50 MA | 75 C | 110 MWF | 300k | 401 P | 1 MA | AL G | M1 S | AC125 | 2N406 | 0 |
| CC $306 / 2$ | PG | TOLA | L02 | 32 V | $15 v$ | 1 cv | 50 MA | 75 C | 110 NWF | 400 K | 65 TP | 1 MA | ALG | M1S | AC125 | 2N406 | 0 |
| OC 30613 | PG | tola | 1.62 | 32 V | 15 v | 10V | 50 ma | 750 | 110 NhF | 500k | 1001P | 1 MA | ALG | M1S | AC 125 | 2N406 | 0 |
| [C307 | PG | ict | 1.02 | 32 V | 18 v | 1 Cv | 25 CMA | 750 | 11 CNWF | 200k | 401 P | 25 CMA | AMG | $\cdots 15$ | AC12 1 | 2N2706 | 0 |
| CC307/1 | PG | 101 | 102 | 32 v | 18 v | $10 . \mathrm{V}$ | 250 NA | 75C | 110 MmF | 200k | 301 P | 25 cma | ANG | MIS | AC 128 | 2N2706 | 0 |
| CC307/2 | PG | 101 | 102 | 32 V | 18 v | 10 V | 250NA | 75 C | 110 MWF | 2cok | 401 P | 250 MA | $A N G$ | M1 S | ACL28 | 2N2706 | 0 |
| OC307/3 | PG | 101 | 102 | 32 V | 18 V | 10 V | 250 MA | 750 | 110 NWF | 200k | 701 P | 250 NA | AMG | MlS | AC128 | 2N2706 | 0 |
| CC 308 | PG | 101 | LC2 | 32 V | 18 v | 10 V | 250MA | 756 | 75 NmF | 500 K | 30 mN | 8 CMA | AMG | N1S | AC128 | 2N2706 | 0 |
| cc 309 | PG | tol | LC2 | 60 V | 3 CV | 10 V | 25 CNA | 75 C | 11 cmim | 200x | sctp | 25 CNA | AMG | M1 S | AC12E | 2N2706 | 0 |
| CC 309/1 | PG | 101 | 102 | 6 CV | 30 v | 10 V | 250MA | 750 | 110 MwF | 200k | 301 P | 250 Na | ANG | MIS | AC 128 | 2N2706 | 0 |
| OC309/2 | PG | TOL | LC2 | tov | 30 V | 10 V | 250 ma | 75C | 110 MmF | 200k | $401 P$ | 250NA | ANG | MIS | ACL28 | 2N270t | 0 |
| OC309/3 | PG | T01 | L02 | 60 V | 30 V | 10 V | 250NA | 75 C | 110 NmF | 200k | 70TP | 250 MA | AMG | M1S | AC128 | 2N270t | 0 |
| CC 318 | PG | 101 | LC2 | 24 V | 20 V | icV | 30Cma |  | 33 CNWF | 500k | GETP | 8 CMA | AMG | N1S | ACl28 | 2N2706 | 0 |
| cc330 | PG | 101 | LCz | $15 v$ | 15 V |  | 35 Na | 750 | 75 MWF | 300k | 16/32 | 5 MA | ALN | M1 S | AC107A |  | 0 |
| CC 331 | PG | OBS | OBS | 7 V | $7 v$ |  | A | 750 | 40 NWF | 400k | 20/35 | 1 MA | ALN | ces | AClozN |  | c |
| CC340 | PG | oes | oes | 15 V | 15 v |  | 35 MA | 756 | 6 C | 400 K | 70 TP | IMA | ALG | CBS | AC125 | 2N406 | 0 |
| OC341 | PG | oes | oes | 7V | $7 v$ |  | 30 Na | 75 C | 45 MWF | 400 K | $20 / 50$ | 1 NA | ALN | oes | AC107A |  | 0 |
| CC 242 | PG | CBS | 0es | 7v | 74 |  | 3CNA | 756 | 45 NWF | 400k | $30 / 80$ | 1 MA | AlN | ORS | AC107A |  | 0 |
| CC343 | PG | ces | ORS | $7 v$ | 7 v |  | 30 Na | 75 C | 45 MhF | 400 K | $80 / 120$ | 1 NA | ALN | CBS | AC107N |  | 0 |
| OC350 | PG | OBS | OBS | 15 V | 8 V |  | 35MA | 750 | 60 | 600 K | 15019 | INA | ALG | CPS | AC125 | 2N406 | 0 |
| CC351 | PG | oes | ces | 5 V | 5 v |  | 3 cma | 75 C | 45 | 400 K | 160 TP | 1NA | ALN | OES | AC107N |  | 0 |
| OC360 | PG | oes | ORS |  | $15 v$ |  | 35 NA | 750 | 6 CMWF | 300k | 20 NN | iNA | ALG | OBS | AC125 | 2N406 | 0 |
| CC361 | PG | chs | OBS | $7 v$ | $7 v$ |  | 30 MA | 75 C | 45 MwF | 400x | $30 / 50$ | 1 MA | ALN | CBS | AC107^ |  | 0 |
| OC362 | PG | obs | oes | $7 v$ | $7 v$ |  | 30 MA | 756 | 45 NmF | 400 K | $5 \mathrm{C} / 80$ | IMA | ALN | CBS | AC107N |  | 0 |
| OC363 | PG | oes | OBS | $7 v$ | 7 v |  | 30 NA | 75 C | 45 MnF | 400k | 50/80 | INA | aln | OES | AClo ${ }^{\text {a }}$ |  | 0 |
| CC 364 | PG | obs | OES | $7 v$ | $7 v$ |  | 3 cma | 75 C | 45 NWF | 1 M | $50 / 100$ | INA | ALN | oes | AC107A |  | 0 |
| CC390 | ${ }^{\text {PG }}$ G | 101A | LC2 | 10 V | 5 v |  | 40 ma | 750 | 110 MmF | 2M 15P | 4019 | INA | RLG | OBS | OC44N | 2N2614 | 0 |
| CC400 | Pf | 101A | LCa | 10 V | 5 V |  | 40 MA | 75 C | 110 MmF | 3 M 15 P | 751P | 1NA | RLG | CBS | OC44 | 2N2614 | 0 |
| CC41C | PG | 101A | LC2 | 10 V | 5 v |  | 40 MA | 75 C | 110 NhF | ¢N 15 F | 110 TP | 1 MA | RLG | ORS | CC44N | 2N2614 | 0 |
| 0 C 430 | PG | tola | LC2 | 10 V | 10 v | 10 V | S0MA | 150C | 20 CMhF | 200K 30 P | 10/75 | ina | Al A | OBS | BCY32 | 2N1475 | 0 |
| CC43CK | PS | TCl | LCa | 10 V | 10 v | 10 V | SCMA | 150C | 250 MmF | 200k 30P | 10/25 | INA | ala | 085 | BCY32 | 2N1475 | 0 |
| CC440 | PS | tola | 102 | 30 V | 30 v | 10 V | 50 MA | 150 C | 200 NWF | 200k 3CP | 10 MN | INA | Ala | OBS | BCY 32 | 2N1475 | 0 |
| $0 \subset 4405$ | PS | 101 | LO2 | 30 V | 3 VV | 10 V | 50 MA | 1500 | 25 CMhF | 200k 30P | 10 NN | ina | AlA | CBS | BC Y32 | 2N1475 | 0 |
| CC443 | PS | icla | LC2 | 25 V | 25 V | 2 CV | 万OMA | 150C | 20CMinf | 400k 30P | 15160 | 1 NA | ALA | ORS | 8 CY 32 | 2N 1475 | 0 |
| CC4435 | PS | 101 | LO2 | 25 V | 25 V | 20 V | 50 mA | 150 C | 25 CMWF | 40,k 30P | 15/60 | IMA | ALA | OBS | BCY32 | 2N1475 | 0 |
| CC445 | PS | T01A | LC2 | 50 V | 50 V | 10 V | SCNA | 150 C | 200 MiFF | 200k 30p | 10 MN | IMA | Ala | ORS | BC Y 32 | 2N1475 | 0 |
| CC445K | PS | 101 | 102 | 50 V | 5 cv | 10 V | 50 MA | 150 C | $2 \mathrm{OOMNF}^{\text {d }}$ | 200k 30P | 10 MN | 1 MA | ALA | cos | 86Y32 | 2N1475 | 0 |
| OC449 | PS | tola | LC2 | 6 CV | 6 CV | 30 V | 50 MA | 150 C | 20 CNHF | 400 K 30 P | 10 NN | 1MA | Al A | CBS | BCY 32 | 2N1475 | c |
| CC44 SK | PS | tol | LC2 | 60 V | 6 CV | 3 Cv | bCNA | 150C | 250 NWF | 400k 30p | 10 MA | 1MA | AlA | IfK | ECY32 | 2N1475 | 0 |
| CC450 | PS | 101A | LC2 | 75 V | 75 v | 1 CV | 50 MA | 150C | 200 MFF | 30Jk 3 CP | 10/25 | 1 Ma | ALA | OBS | bCY32 | 2N1475 | 0 |
| CC450k | PS | 101 | 102 | $75 v$ | 75 v | 10 V | Sona | 150 C | 250 MmF | 300k 30P | 10/25 | 1 MA | AlA | CBS | BCr32 | 2N1475 | 0 |
| OC460 | PS | tola | 102 | 10 V | 10 V | 10V | 50 MA | 150C | 200 MFF | 500k 30P | 20/50 | IMA | ALA | OBS | BCr32 | 2N1475 | c |
| CC46CK | PS | 101 | LC2 | 10 V | 1 cv | 10 V | 5 CMA | 150C | 25 cmmF | 500k 30P | $20 / 50$ | 1 MA | Al $A$ | OBS | BCY32 | 2N1475 | 0 |
| CC463 | $p \mathrm{~s}$ | 101A | LCá | 10 V | 1 cv |  | 50~A | 150C | 250MWF | 2N 3CP | Sctp | 1 ma | ALA | OBS | EC Y 32 | 2N1475 | 0 |
| CC453k | PS | 101 | L02 | 10 V | 1 cv |  | 50 ma | 150 C | 250 MWF | 2M 30P | 50TP | 1MA | ALA | OBS | BCY32 | 2N1475 | 0 |
| OC465 | PS | tola | LC 2 | 2 CV | 20 V | 10 V | 50 ma | 1500 | 200 MF | 400k 30F | 20/50 | 1 ma | Ala | CBS | BCY32 | 2N1475 | c |
| OC465K | Ps | 101 | L02 | 20 V | 20 v | 10 V | 50 Na | 150C | 2 COMmF | 400 K 30 P | 20/50 | 1 MA | ALA | CBS | 8 CY 32 | 2N1475 | 0 |
| CC 466 | PS | tcla | LC2 | 10 V | 10 V | 10 V | 50 MA | 150C | 20 CNWF | 500k 30P | 30 TP | INA | ALA | ORS | BCY32 | 2N1475 | 0 |
| CC4tek | PS | 101 | 102 | 10 V | 10 V | 10 V | 5 CNA | 150C | 250 MmF | 500k 30P | 30 TP | 1 MA | Ala | CB S | 8Cr32 | 2N1473 | 0 |
| 0 C 467 | PS | tola | 102 | 25V | 25 V | 20 V | 50 MA | 1500 | 200 MWF | 600k 30p | 25/60 | 1 MA | Al A | CBS | BCY32 | 2N1475 | c |
| CC467k | PS | ICl | LC2 | 25 V | 25 V | 20 V | 5 CMA | 150C | 25 CNHF | 600k 30P | 25/60 | 1 MA | AlA | 0 OS | BCY32 | 2N1475 | 0 |
| OC468 | PS | T01A | 102 | 10 V | 10 V | 10 V | 50 ma | 150C | 200 MkF | in 30 P | GOTP | 1 MA | Ala | OBS | BCY32 | 2N1475 | 0 |
| CC468K | PS | TCI | LC2 | 10 V | 10 v | 10 V | 50 ma | 150C | 250 MWF | 1 M 30 P | GOTP | 1 MA | AlA | OBS | BCY32 | 2N1475 | 0 |
| $0 C 469$ | PS | tola | LCá | 32 V | 32 V | 10 V | 50 MA | $150 C$ | 20 cmbF | 400k 3cP | 10 MN | 20MA | Ala | OBS | BCY32 | 2N1475 | c |
| CC469K | PS | T01 | L02 | 32 V | 32 V | 10 V | 50 MA | 150C | 25 CMWF | 400 K 30 P | 10 NN | 20 Ma | AL $A$ | OBS | BCY32 | 2N1475 | 0 |
| CC470 | PS | tcia | LC2 | 30 V | 30 V | 10 V | 50 MA | 150C | 20 CMWF | 500k 30P | $20 / 70$ | 1 MA | Ala | obs | BCY32 | 2N1475 | c |
| CC470K CC430 | P S <br> PS | T01 | L02 | 30 V | 30vvil | 10 V | 50 ma 50 ma | 150 C 150 C | 250 MmF 240 MWF | 500K 30 P | $20 / 70$ $10 / 25$ | 1 MA | ALA | O8S | BCY 32 QSVGE | 2N1475 2N3947 | 0 |


| TRANSISTOR NUMBER | $\begin{gathered} \text { PM } \\ \text { OA } \\ \text { LT } \end{gathered}$ | $\begin{aligned} & \text { PACK- } \\ & \text { AGE } \end{aligned}$ | $\left.\begin{array}{\|c\|} \text { LEAD } \\ \text { INFO } \end{array} \right\rvert\,$ | VCB MAX | VCE MAX | VEB MAX | I C MAX | $T$ <br> J MAX | TOT | $\begin{array}{ll} F^{T} & C_{0 B} \\ \text { MIN } & \text { MAX } \end{array}$ | FE | $H_{\text {FE }}$ BIAS | USE | MFR | EURO EQVT． | $\begin{aligned} & \text { USA } \\ & \text { EQVT. } \end{aligned}$ | ISS |
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| CC48CK | PS | r01 | LOé | 125 V | 125 V |  | 50 Na | 150C | 240 MhF | 400k 40P | 10／25 | 1 MA | ALH | CBS | BSV68 | 2N3947 | c |
| CC6C2／SP | PG | CBS | oes | 40 V | 12 V | 10 V | 50CMA | 75 C | 175 MWF | 200k | 2519 | 2MA | amg | 085 | AC128 | 2N2706 | 0 |
| CC602 | PG | $\times 1$ | LC3 | 2v | 12 v | 10 V | soma | 750 | BOMWF | 300k | $20 / 50$ | 2 MA | ALG | OBS | AC 125 | 2N406 | － |
| CC603 | PG | $\times 1$ | LC3 | 22 V | 12 V | 10 V | 50MA | 750 | 80 MWF | 250k | 20／150 | 2 MA | ALG | CBS | AC125 | 2N406 | 0 |
| CC604 | PG | $\times 01$ | L03 | 22 V | 12 v | 1 CV | 50 Ma | $75 C$ | 80 WFF | 300k | $50 / 150$ | 2 MA | ALG | OBS | AC125 | 2N406 | 0 |
| 0C6C4／S | PG | ces | ces | 40 V |  | 10 V | s00 ma | 750 | 175 MhF | 200k | 45 IP | 1Na | ANG | OBS | AC128 | 2N270t | 0 |
| Cctel2 | $P G$ | $\times 01$ | LC3 | 15 V | 15 v | 10 v | 10CNA | 750 | 50 M | 2 M | GOTP | sccua | ALN | oes | AC107N |  | 0 |
| CC613 | PG | $\times 01$ | LC3 | 15 v | 15 V | icv | 100 MA | 750 | 50 NWF | 1 M | $901 p$ | 500UA | ALN | CBS | AC 107N |  | $\bigcirc$ |
| OC614 | $P G$ | $\times 01$ | L03 | 25 V |  | IV | SOMA | 750 | 30 MhF | 20 N | $501 P$ | 1Na | RLG | OBS | AF124 | 2N9 90 | 0 |
| OC615 | PG | $\times 01$ | 103 | 25v |  | IV | 50Na | 75 C | 30 MmF | 35 N | 7518 | ina | RLG | oes | AF124 | 2N990 | 0 |
| ccez2 | PG | ces | OBS | 15 V | 15 V | 8 v | 50NA | 750 | 0 MnF | 200k | $20 / 50$ | 2 Ma | ALN | ors | AC 107 N |  | 0 |
| Ccte 3 | PG | cBs | OBS | 15 V | 15 V | 8 V | SCMA | 750 | 50 MWF | 500K | 2C／150 | 2NA | als |  | AC107N |  | 0 |
| CC624 | $P G$ | OBS | OBS | 15 V | 15 v | qV | OMA | 750 | jowwf | 30JK | $5 \mathrm{C} / 140$ | 2 NA | AL＾ | oes | AC107N |  | 0 |
| CC70C | PS | tola | LC2 | 25 V | 25 v | 25 V | bCMA | 150 C | 35 CNHF | 200k 50p | 15／45 | 1 NA | Ala | ces | BCY32 | 2N1475 | 0 |
| OC7004 | PS | rola | L02 | 15 V | 15 v | 15 v | joma | 15 CC | 350 MmF | 200k 50 P | 15／45 | 1 MA | ALA | OBS | 8CY32 | 2N1475 | 0 |
| CC7008 | PS | 101A | 102 | 10 V | 1 CV | 1 cv | 50MA | 1500 | 350 NWF | 200k 50p | 15／45 | ina | ala | OBS | BC．Y32 | 2N1475 | 0 |
| OC701 | PS | T01A | LC2 | 80 V | 8 CV | 30 V | 50NA | 150 C | 350 MhF | 200K 5CP | 25／45 | 1 MA | ALH | 085 | BSV68 | 2N349？ | 0 |
| OC702 | PS | tola | L02 | 25 v | 25 V | 25 v | 万oma | $150 C$ | 35 cmwF | 4 COK 50 P | $45 / 90$ | 1 MA | ala | Ces | ACYS | 2N1475 | 0 |
| CC7024 | PS | tola | L02 | 15 v | 15 V | 15 v | 50 Ma | $150 C$ | 350 NWF | 400 K 50 F | 45／90 | 1MA | ala | OBS | BCY32 | 2N1475 | C |
| ccicze | PS | tola | LCé | 15 V | 15 v | 15 v | goma | 15 CC | 35 cmmF | 400 K 50 P | $45 / 90$ | IMA | Als | OBS | BCY 32 | 2N1475 | 0 |
| CCTO3 | fs | 101a | 102 | 8 CV | 8 CV | 3 CV | 50 Ma | 150C | 350 NWF | 200K 5cp | 10／25 | IMA | ALt | OBS | BSV68 | 7 | c |
| 0C703s | PS | tola | LC2 | 100 V | 100 V | 30 V | SOMA | 1500 | 35 CNHF | 200K 50P | 10／25 | ina | ALH | CBS | BSV68 | 2N3497 | 0 |
| OC704 | PS | tola | LOz | 3 V | 3 v | 3 V | SOMA | 150 C | 35 CmWF | 2 N | 30 mN | 1 MA | Ala | oes | BCy32 | 2N1475 | c |
| ccalc | PG | －C22 | L39 | 25 V | 20 V |  | 15 NA | 65 C | 37 NWF | 200k | 10／20 | 2 MA | Al G | Oes | AC125 | 2N406 | 0 |
| cc311 | PG | T022 | 139 | $25 v$ | 20 v |  | 15 MA | $65 C$ | 37 MWF | 200k | 20／100 | 2 Na | ALC | OBS | AC 125 | 2N406 | 0 |
| OC8 | PG | 102 | L3C | 25 V | 2 CV |  | 15MA | 650 | NWF | 200 k | 20／100 | 2NA | ALC | ces | AC125 | N406 | 0 |
| CC8is | PG | TC22 | L39 | 254 | 20 V |  | 15 | 650 | 37 NFF | 400k | 20／100 | 2 Ma | AlG | Ues | AC125 | 2N406 | 0 |
| CC314 | PG | 1022 | L 39 | 25 V | 20 V |  | 15MA | 650 | 37 MhF | 200 K | $20 / 100$ | 2MA | AlG | OBS | AC125 | 2N456 | 0 |
| CCE15 | PG | 1022 | L39 | 15 v | 15 V |  | boma | 750 | 80 MWF | 20JK | 10／20 | 2 Ma | ALC | OBS | AC125 | N406 | 0 |
| CC816 | FG | TC22 | L39 | 15 V | $15 v$ |  | 50 ma | 750 | B0NWF | 200k | 20 Ma | 2 Ma | ALC | OBS | AC 125 | 2 N 400 | 0 |
| 0 C | PG | 10 | L 39 | 15 V | 15 V |  | boma | 750 | SONmF | 2 COK | 2 cm | $2^{\mathrm{NA}}$ | ALG | CES | AC125 | 2N4C6 | 0 |
| CC82 | PG | T022 | L35 | 20 V | 2 cv | 10 V | 150MA | 75 C | 15 CNWF | 200 K | 30 TP | 6NA | AMG | 0 OS | $A C 1<8$ | 2 V 2706 | 0 |
| CCB21 | PG | TC22 | 139 | 20 V | 20 V | 1 Cv | 150NA | 750 | 150 MmF | 200 K | $501 P$ | GNA |  | OBS | AC 128 | 2N2706 | 0 |
| CC822 | PG | 1022 | 139 | 30 V |  | 6 v | 250MA | 756 | 150MwF | 200k | 401 T | 125NA | ANG， | OBS | AC128 | 2N2706 | 0 |
| ［C823 | PG | 1022 | L39 | ccv | 3 CV |  | 250 MA | 750 | 150 MWF | 2 cok | $50 T D$ | 2 MA | $\triangle M E$ | CPS | AC128 | 2N2706 | 0 |
| CC828 | PG | TO | LC4 | 30 V | 3 Cv | 10 V | l50NA | 750 | 150 MmF | 200 K | 20 N | 2 MA | ALG | OBS | AC125 | 2N406 | 0 |
| ［C829 | PG | T05 | C4 | 60 V | 60 v | ICV | lSCNA | 750 | 150 MmF | 200k | 20M | 2Na | ALH | OBS | OCT7N | 2N1176B | 0 |
| CC331 | PG | 103 | LCS | 2 CV | 10. | 1 CV | 1 A | 750 | 2 w |  | 12 MN | soona | AHG | OBS | ASZ16 | 2N1530 | 0 |
| OC832 | PG | 103 | LC5 | 30 V | 10 V | $17 v$ | 14 | 756 | $2 m+1$ |  | loms | 500 Na | AHG | OBS | AS 216 | 2 N 153 t | 0 |
| OCP33 | PG | T03 | LC5 | CCV | 12. | 10 V | $1 A$ | 750 | 2 NH |  | 12 miv | 5 COMA | AHG | ces | AS210 | 2N1536 | 0 |
| CC87 | PG | TCI | － | $15 v$ | 1 Cv | $13 v$ | 15 NA | 75 C | 30 MmF | 400 K | 20 ma | 2NA | RLG | 035 | $0 \mathrm{C44N}$ | 2N2614 | 0 |
| CC871 | PG | tola | LCa | 15 V | 1 Cv | 10 V | 15NA | 750 | 30 MWF | 2 M | ＞0MA | 5 COLA | RLG | Cis | OC44 | 2ヘ2614 | 0 |
| CC872 | PG | 101a | L02 | 15 v | 10 V | 10 V | 15 MA | 750 | 30NWF | 3 M | 20MA | 5000 A | kL C | CBS | AC107N | 2N2614 | 0 |
| CC880 | PE | 105 | LC4 | 20V | 10v | Iv | loma | 750 | 5 CNHF | $8{ }^{N}$ | S0tp | 500UA | RLG | CBS | ASY27 | 2N1305 | 0 |
| OC881 | PG | 105 | 104 | 20 V | 10 v | Iv | 10NA | 750 | 5 CMnF | 20 N | SOT？ | INA | RLG | ORS | AF124 | 2N993 | 0 |
| CC | PG | TO | LC4 | 20 V | 10 V | Iv | loma | 750 | 50 mmF | 30 M | GOTP | ins | RLG | OBS | AF 124 | 2N990 | 0 |
| cceas | PG | 105 | LC4 | 20 v | 10 V | iv | 1 CNA | 750 | 5 CMnF | 50 N | 70TP | 1 ma | RLG | CPS | AF124 | 2N990 | 0 |
| CC1070 | fG | $\times 01$ | L03 | 32 V | 30 V | 1 CV | 50MA | $75 ¢$ | 125 MWF | 100k | $20 / 40$ | 500LA | ALG | ORS | ACl25 | 2N406 | 0 |
| CC1071 | PG | $\times \mathrm{Cl}$ | LC3 | 32 V | 30 v | 6 V | 5 cma | 75 C | 125 NmF | 100k | 4519 | sCCUA | ALG | OES | AC125 | $2 N 406$ | 0 |
| 0C1075 | PG | $\times 01$ | －03 | 32 V | 30 v | 6 V | Sona | 750 | 125 MmF | 100k | 9019 | 3Na | ALG | OBS | AC12 | 2N400 | 0 |
| CC603 | PG | OBS | OES | 4 CV | 3 CV | 1 CV | 3 A | 750 | EwC | 100k | 25 MA | 1400 Ms | AHE | ces | ASL16 | 2N1536 | 0 |
| 00603／50 | PG | oes | oas | 6 CV | 50 V | 30. | 3 A | 750 | enc | look | 25 NN | 500 ma | AHH | CBS | AS215 | 2N1533 | 0 |
| $\mathrm{COGCO}_{4}$ | $P G$ | ces | oes | 30 V | 27 V | 1.9 v | $3 A$ | 75 C | 9 nC | 160 K | 17 TP | 14 | HG | Crs | AS116 | 2N153t | 0 |
| P60Cs | PS | 10126 | Les | 25 V | 2 CV | 10 V | 1 A | 150C | 5 WC |  | 4000 MN | $5 C C N A$ | AHC | TIR |  |  | 0 |
| P700s | NS | 10126 | 169 | $25 v$ | 2 CV | 10 V | 14 | 1500 | 5 nc |  | 4000 Na | 5 CCMA | AHE | TI日 |  |  | 0 |
| P8C 107 | as | 1098 | しく1 | 50 V | 45 V | 6 V | looma | 150C | 200 NWF | 60 N 5 P | 12 SmN | 10UA | ALG | SES | Pectic 7 | 2N5 309 | 0 |
| PBCICE | NS | 1098 | Lこı | 30 V | 20 v | 5 V | 100 ma | $150 C$ | 20 CNmF | 60 N SP | 125 NN | 1 CUA | ALG | SES | PBC107 | 2N5305 | 0 |
| P8CIC9 | NS | T0¢ | L＜1 | 30 V | 20 V | 5 v | i coma | 150 C | 200 mmF | 60 M 5 P | 240 MN | 1 OUA | ALN | SES | PBCL 09 | 2N6008 | 0 |
| FeClez | ns | 1098 | L21 | 60 V | 50 v | 5 V | 200NA | 100C | 300 MWF | 150M 5P | 100Mn | $2^{\mathrm{Na}}$ | ALG | SEU | PBC1C7 | 2N5 309 | 0 |
| PBC182 | ns | T098 | 121 | 50 V | 50 V | 6 V | 100 ma | 150 C | 200 NWF | 60 M 5P | 125 mA | 2NA | ALG | SES | PBC107 | 2N53J9 | 0 |
| P8C． 183 | ns | T098 | L21 | 3 cv | 30 V | \％V | icona | 1500 | 2 CCMnF | G0N 5P | 125 NN | 2 MA | ALG | SES | PAC 107 | 2N5309 | 0 |
| PBC184 | NS | 1098 | 121 | 30 V | 30 V | 6 V | 1 CCma | 150C | 20 CNWF | 60 M 5 P | 240 MN | 2 MA | ALN | SES | PBC10¢ | 2N6008 | 0 |
| Secila | NS | T0105 | L04 | 60 V | 30 v | 5 V | 500 Na | 125 C | 75 CMmF | 40 M 25 P | 40／120 | 150 MA | ANG | FCu | BFY勺C | 2N2297 | 0 |
| SE1001 | as | T0166 | 117 | 45 V | 45 v | $4 v$ | l0CNA | 1250 | 200 MWF | 200N 4 P | 40／160 | 10 NA | AlN | FCL | BC 205 | 2N4967 | 0 |
| SE1002 | ns | tolce | L17 | 45 V | 45 v | 4 V | 1 COMA | 1256 | 200 NWF | 200 M 4 P | 100 MN | 10 ms | al G | FCL | BC207 | 2N4966 | 0 |
| SE2COI | NS | 10106 | 117 | 35 V | 20 V | $4 v$ | 1 CONA | 125 C | 200 MmF | 200N 6 ¢ ${ }^{\text {200 }}$ | 40／160 | 1 CNa | ALG | FCL | BC237 | 2N5825 | 0 |
| SE20C2 | As | T010t | 117 | 35 v | 20 V | 4 V | 100 Na | 1250 | 200 NmF | 200M 6P | 100 mN | 1 cma | ALG | FCU | BC237 | 2N5825 | 0 |
| SE 3001 | NS | T010t | 117 | 35 V | 12 V | 2 v | 50 MA | 1250 | 200 MiNF | 600M 1P7 | 20 Ma | gna | vLA | FCU | 8 BX 73 | 2N918 | 0 |
| SE 3002 | ns | T0166 | 117 | 30 V | 12 V | 2 V | 5 CNA | 1250 | 200 MmF | 600N 197 | 20 NA | ${ }_{\text {OMA }}$ | VLA | FCL | BF $\times 73$ | 2N918 | 0 |
| SE3005 | ns | 10106 | 117 | 30 V | 15 V | 4 V | 50 ma | 1256 | 200 MWF | BCON OPS | 45 MN | SMA | ULA | FCU | BFY90 | 2N2857 | 0 |
| SE4CCl | NS | 10106 | L17 | 30 V | 25 V | 6 V | locma | 125 C | 20 CMmF | 40 M 4 P | 60／300 | 1 MA | ALG | FCu | BC 237 | 2N5825 | 0 |
| SE4002 | ns | 10106 | 117 | 30 V | $25 v$ | 6 V | 10CNA | 125 C | 200 MWF | 60 M 4 P | 200 mn | 1 MA | AL＾ | FCL | BC239 | $2 N 5827$ | 0 |
| SE4010 | AS | TCICE | 117 | 30 V | 25 V | 6 V | 100 ma | 1250 | 200 MWF | $60 \mathrm{M} \quad 4 \mathrm{P}$ | 200 mm | 1 ma | ALN | FCU | BC23S | 2N5827 | 0 |
| SEEOOI | NS | T01C5 | 104 | 40 V | 30 v | 5 V | 100 mA | 125C | 30 cmiF | 100N 25 P | $5 \mathrm{c} / 200$ | 10 MA | ALG | FCU | BC107 | A157 | 0 |
| SE6002 | NS | 10105 | L04 | 40 V | 30 V | 5 V | 100 mA | 125 C | 300 MWF | 100N 25p | 150 mN | 10 ma | ALG | fCu | BC107 | A157 | 0 |
| SE601 C | NS | 10105 | LC4 | 30 V | 30 V |  | 400 NA | $125 C$ | 350 MnF | 250 M EP | 40 ma | 10NA | ANG | FCU | 8FY50 | 2N 2297 | 0 |
| SEGU20 | As | 10105 | LC4 | 60 V | 60 V | 6 V | 1 A | 1250 | 30 CMWF | 250～15P | 100 mN | 150 MA | ANG | FCU | 8 Fr 50 | 2N2297 | 0 |
| SE6021 | ns | 10105 | L04 | 80 V | 80 V | 6 V | 1 A | 1250 | 300 NWF | 250～ 15 P | 1 COMN | 150 NA | AMH | FCU | BSWO6 | 2N1893 | 0 |
| SE6022 | NS | 10106 | L17 | 6 CV | 60 V | 6 V | 1 A | 1250 | 220 NmF | 250 N 15 F | 100 mN | 15 cma | ANG | fCU | BC337 | 2N5818 | 0 |
| SE6023 | NS | 10106 | L17 | 80 V | sov | 6 V | 14 | 125C | 22 CMmF | 250N 15 P | 100 MN | 150 MA | AM | FCU | BSWó6 | 2N3700 |  |


| TRANSISTOR NUMBER | $\begin{gathered} \text { PM } \\ \text { OA } \\ \text { LT } \end{gathered}$ | $\begin{aligned} & \text { PACK- } \\ & \text { AGE } \end{aligned}$ | $\begin{array}{\|l\|l\|} \text { LEAD } \\ \text { INFO } \end{array}$ | VCB MAX | VCE <br> MAX | VEB MAX | 1 <br> C MAX | T J MAX | $\begin{aligned} & \mathbf{P} \\ & \text { TOT } \end{aligned}$ | $\begin{cases}\text { F } & C_{O B} \\ \text { MIN } & \text { MAX }\end{cases}$ | $\mathbf{H E}_{\text {FE }}$ | $\begin{gathered} H_{\text {BE }} \\ \text { BIAS } \end{gathered}$ | USE | MFR | $\begin{aligned} & \text { EURO } \\ & \text { EQVT. } \end{aligned}$ | $\begin{aligned} & \text { USA } \\ & \text { EQVT. } \end{aligned}$ | ISS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SE6062 | NS | T010 | LC4 |  | 25 V |  | 1 A | 125C | 75 cmmF | 60N 30F | 501200 | 500 ma | G | FCU | BFY50 | 2N2297 | 0 |
| SE6063 | NS | 10105 | L04 |  | 20 V |  | 1 A | 125 C | 75 CMWF | 60N 30 P | 50/200 | 35 cma | AMG | FCU | BFY50 | 2N2297 | 0 |
| SE6562 | PS | 10105 | 114 | 25 V | 25v | $4 v$ | 60CNA | 125 C | 750 MWF | 30 M 60P | 50/200 | 5 CCMA | AMG | FCU | 8FS95 | 2N4036 | 0 |
| SE6563 | PS | 10105 | 104 | 20 V | 20 V | 4 V | 600mA | 1250 | 750 MWF | 30 M 60 P | 50/200 | 35 CMA | ANG | FCU | BFS95 | 2N4036 | 0 |
| SE8001 | AS | tos | 104 | 60 V | v | 5 v | 14 | 2006 | 800 MmF | 40 N 25 F | 20 MN | 150 Na | AMG | FCU | BFYら0 | 2N2297 | 0 |
| SE80C2 | NS | 105 | LC4 | 80 V | 4 CV | 5 V | 1A | 2000 | 80 CNHF | 40~25P | 40/120 | 15 CNA | AMG | FCU | BFY5C | 2N2297 | 0 |
| SEB04 1 | NS | 1039 | L04 | 30 V | 30 V | 6 V | 1 A | 200 C | 800 MmF | 130 M 12 P | 40/540 | 15 CNA | AMG | FCU | BFY50 | 2N2297 | 0 |
| SE8042 | AS | 1039 | LC4 | 30 V | 30 V | 6 V | 1 A | 2 COC | 1 wF | 130 M 12 P | 40/540 | 15 CMA | AMG | FCU | EFYSC | 2N2297 | 0 |
| SE8510 | PS | 105 | L04 | 60 V | 60 V | 6 P | 60 CMA | 125 | 800 MWF | 100M 20P | $40 / 200$ | 100 Ma | ANG | FCU | EFS93 | 2 N 4037 | 0 |
| SE852C | PS | 10165 | 104 | cov | GOV | 6 V | 600 ma | $125 C$ | 30 cmmF | 100 2 CP | 40/200 | 10 Na | ANG | FCL | BFS | 2N4037 | 0 |
| SE8521 | PS | 10105 | LC4 | 6 cv | 60 V | 6 V | 600 MA | 125 C | 20 CMWF | 100M 20P | 100 MN | 1 CNa | $\triangle M G$ | FCU | BFS93 | 2N4037 | 0 |
| SE8541 | PS | 105 | LC4 | 30 V | 30 V | 5 v | 1 A | 2006 | 800 MhF | 100M 35P | 40/150 | 15 CNA | ANG | FCU | BFS93 | 2N4037 | 0 |
| SE8542 | PS | 1039 | 104 | 30 V | 30 V | 5 v | 1 A | 200C | 1 WF | 100M 35P | 40/150 | 150 NA | AMG | FCU | BFS93 | $2 N 4037$ | 0 |
| SFI106 | PG | 101 | L02 | 12 V | 12 V | 12V | 50 MA | 750 | 80 MWF | 2N 20P | 4019 | IMA | RLG | MIS | 0C44N | 2N2614 | 0 |
| SFILC7 | PG | 101 | LC2 | 12 V | 12 V | 12 V | 5 CMA | 756 | \& CMhF | 4 N 15 F | 50 TP | IMA | RLG | MIS | OC44N | 2N2614 | 0 |
| Sfilce | PG | 101 | LC2 | 12 V | 12 V | 12 V | SCNA | 750 | 80 MwF | 7M 12P | 6 CrP | INA | RLG | ORS | 0C44 | 2N2614 | 0 |
| SFT115 | PG | OBS | OBS | 40 V |  | 1 v | 1 CMA | 85 C | 120 NFF | 20 M | 6019 | INA | RLC | ORS | AF 124 | 2N990 | 0 |
| SFT116 | PG | OBS | OBS | 25 V |  | iv | 10 MA | 85 C | 120 mmF | 20 N | 6019 | 1 MA | RLG | CBS | AF 124 | 2N990 | 0 |
| SFT119 | PG | OBS | 085 | 25 V |  | IV | 10 ma | 85 C | 120 mmF | $2 \mathrm{~N}^{2}$ | GOTP | 1 ma | RLG | CBS | AF124 | 2N990 | 0 |
| SFI120 | PG | OBS | 0BS | 25 V |  | IV | 1 CMA | 85 C | 12 CNWF | 20M | GOTP | 1 MA | RLG | OBS | AF 124 | 2N990 | 0 |
| SFI121 | PG | $\times 01$ | 103 | 24 V | 12 v | 12 V | 25CNA | 750 | 150 MWF | 200k | 301 T | 100 ma | ANG | CBS | AC12E | 2^2706 | 0 |
| SFI 122 | PG | $\times 01$ | 103 | 24 V | 12 V | 12 V | 250 MA | 756 | 150 NWF | 200K | Sotp | 100 MA | AMG | CBS | AC128 | 2N2706 | 0 |
| SFI123 | PG | $\times 01$ | L03 | 24 V | 12 v | 12 V | 250 MA | 75 C | 15 CNWF | 200k | 80TP | 100 NA | ANG | CBS | AC128 | 2N2706 | 0 |
| SFIL 24 | PG | 105 | L04 | 24 V | 30 v | 12 V | 500NA | 750 | 35 cmmF | 500 K | 30 TP | 750 NA | AMG | OBS | ACY17 | 2N1176 | 0 |
| SFI 125 | PG | 105 | LC4 | 24 V | 20 V | 12 V | 50CNA | 750 | 350 MWF | 1 M | 7 CTP | 25 CNA | AMG | OES | ACY17 | 2N1176 | 0 |
| SFT125F | PG | 105 | 1 C 4 | 30 V | 15 v | 15 V | 500 na | 750 | 350 MmF | in | 701 T | 250na | ANG | CBS | ACY17 | 2N117t |  |
| SFT126 | PG | 105 | 104 | 24 V | 15 V | 12 V | 250 ma | 85 C | 15 CNWF | 3 N 14 P | 4018 | iNA | RLG | CBS | OC44N | 2N2614 | 0 |
| SFI127 | PG | 105 | 104 | 24 V | 15 v | 12 V | 25 CMA | 85 C | 15 CNHF | $5 \mu$ <br> 9 | 501 TP | 1 lna | RLG | OBS | OC44N $0 C 44 N$ | 2N2614 2N2614 | 0 |
| SFI128 | PG | 105 | LC4 | 24 V | 15 v | 1 iv | 250 Na | 85 C | 15 CMWF | 7M 10P | 60TP | 1NA | RLG | OBS | OC44N ACY17 | 2N2614 2N1176 | 0 0 |
| SFI 130 | PG | 085 | 08s | 24 V | 30 V | 12 V | 50CNa | 75 C | 550 MmF | 503k | $301 p$ | 250NA | AMG | OBS | ACY17 | 2N1176 | 0 |
| SFI131 | PG | Oes | oes | 24 V | 20 V | 12 V | 50CMA | 750 | 55 CNinf | 750 K | 7019 | 250 ma | ANG | CBS | ACY 17 | 2N117t | 0 |
| SFT131P | PG | oes | OBS | 30 V | 15 V | 15 V | 500 ma | $75 C$ | 550 MwF | 1 N | 70TP | 250 MA | amG | OES | ACY17 | 2N1176 | 0 |
| SFI141 | PG | OBS | OBS | 45 v |  | 25 v | 250MA | 85 C | 20 CWWF | 500 K | 3219 | ins | AMG | OES | AC128 | 2N2706 | 0 |
| SFI142 | $P_{\text {PG }}$ | OES | OBS | 45 V |  | 25 V | 250MA | 85 C | 200 MwF | 600k | $501 P$ | iNA | $A^{\prime N G}$ | OBS | AC 128 | 2N2706 | 0 |
| SFT143 | PG | 105 | 104 | 45 V | 20 V | 25 V | 500na | 100 J | 350 MnF | 200k | $301 P$ | 250 MA | ANG | CBS | AC Y 17 | 2N1176 | 0 |
| SFI144 | PG | 105 | 104 | 45 V | 20 V | 25 V | 50 cma | 1ccJ | 35 CNHF | 300k | EOTP | 25 CMA | ang | oes | ACY17 | 2N117t | c |
| SFI145 | PG | ces | oes | 45 V | 20 V | 25 V | 500 ma | 100J | 55 CMmF | 200 K | $301 p$ | 25 CMA | amg | OBS | ACY17 | 2N1176 | 0 |
| SFIT4t | PG | cas | oes | 45 v | 20 V | 25 v | 500 NA | $100 J$ | 550 MWF | 300k | GOTP | 25 CNA | $\triangle M G$ | OBS | ACY17 | 2N1176 | 0 |
| SFI15C | PG | овS | OeS | 80 V | 40 V | 4 CV | 34 | 85 C | 35 WC | 200k | 5019 | 1 A | AHG | OSS | AS216 | 2N1536 | 0 |
| SFTISI | $P \mathrm{C}$ | $\times 01$ | LC3 | 24 V | 12 V | 12v | 150 MA | 750 | 150 MmF | 300k | 30 TP | ina | ALC | CBS | AC 125 | 2N406 | 0 |
| SFI152 | $P \mathrm{~F}$ | $\times 01$ | LC3 | $v$ | 12 V | 12 V | $1, \mathrm{CMA}$ | 75 C | 15 CNWF | 300 k | SCTP | ina | ALC | OES | AC125 | 2N406 | 0 |
| SFI153 | PG | $\times 01$ | L03 | 24 V | 12 V | 12 V | 150NA | 75 C | 15 CMMF | 300K | 80 TP | 1 Ma | ALG | OBS | AC125 | 2N406 | 0 |
| SFT155 | PG | $\times 01$ | LC3 | 35 V |  | 1 v | 1 CNA | 85 C | 120 MWF | 40 M | 60TP | 1 MA | RLG | CRS | AF 124 | 2N990 | 0 |
| SFIltz | PG | 104\% | 136 | 70 V |  | iv | 10 MA |  | 240 MWF | 30 N 3 P | 50 MN | 6 Ma | RLG | CBS | AF 124 | 2N990 | 0 |
| SFI163 | PG | TC44 | L3t | 15 V |  | 1 V | 10 MA | $85 C$ | 12 CNWF | 120N 3 F | 70NN | 5NA | RLG | CBS | AF 124 | 2N990 | 0 |
| SFIL 71 | PG | CBS | oes | 30 V | 20 V | 1 v | Ena | 95 C | 100 NWF | 125 M 4 P | $50 T P$ | 2Na | vLA | ors | AF 124 | 2N990 | 0 |
| SFIT172 | PG | OBS | Obs | 30 V | 20 V | Iv | $25 M 4$ | 85 C | 100 MWF | 125 M 4P | 50 TP | 2NA | VLA | ORS | AF 124 | 2N19:0 | 0 |
| SFT173 | PG | ces | 0es | 30 V | 20 v | Iv | 25 MA | 85C | 100 MmF | 125N 4P | 7019 | 2 MA | via | CRS | AF 124 | 2N990 | 0 |
| SFI174 | PG | OBS | 085 | 30 V | 20 v | 1 V | 25 MA | 950 | 100 NWF | 125N 4 P | 6019 | 2 MA | VLA | ces | AF124 | 2N1990 | 0 |
| SFT184 | NG | 105 | LC4 | 15 V | 15 v | 6 V | 100 ma | 85 C | 15 CMWF | 5M 30F | GON | 1 ma | RLS | NIS | ASY2S | 2N1304 | 0 |
| SFT18t | NS | 105 | LC4 | 140 V | 14 CV | 3 v |  | 2000 | 800 MWF | 90M 3P | 401 P | 30 Na | ALH | 08 S | ef ros | 2N199C | 0 |
| SFT212 | PG | 103 | L05 | 30 V |  | 7 V | $3 \Delta$ | 85 C | 3 CWC |  | 10120 | 230 ma | AHG | MIS | AS216 | $2 N 1536$ | 0 |
| SFI211 | PG | 103 | LC5 | 8 CV | 60 V | 40 V | 6 A | 85C | 45 hC | 200k | 30/100 | 2 A | AHH | NIS | ASZ15 | 2N1533 | 0 |
| SFI213 | PG | 103 | LC5 | 40 V | 30 V | 20 V | 3 A | 85 C | 45 WC | 200k | 20/150 | 2 A | ahg | MIS | AS216 | 2N1536 | 0 |
| SF1214 | PG | to 3 | LC5 | tcv | 40 V | 3 CV | 3 A | $8 \leq C$ | 45 WC | 200k | 20/150 | $2 A$ | AHE | NIS | AS216 | 2N1536 | 0 |
| SFT221 | PG | tos | LC4 | 30 V | 24 V | 15 v | 25CNA | $85 C$ | 225 MhF | 5 Cok | 3019 | 100 MA | ANG | MIS | AC Y17 | 2N1176 | 0 |
| SFT222 | PG | 105 | 104 | 30 V | 24 V | $15 V$ | 250 MA | 850 | 225 NWF | 800 K | 50TP | 100 MA | AMG | M IS | ACY17 | 2N1176 | 0 |
| SFi223 | PG | 1039 | $1{ }^{1} 4$ | 3 cV | 20 V | 15V | 25 CMA | 856 | 225 mFF | if 50p | 60/160 | 15 CNA | AHG | SEU | ACY 17 | 2N1188 | 0 |
| SFI22t | PG | 105 | LC4 | 40 V | 32 V | 24 V | 250 MA | 85 C | 15 CMWF | $3{ }^{\text {N }}$ | 25 MN | $1 C^{\text {CNa }}$ | RLS | MIS | ASY<7 | 2N1335 | - |
| SFT227 | PG | 105 | LC4 | 30 V | 24 v | 18 V | $2 \zeta \mathrm{CNA}$ | 85 C | 150 MWF | 4 M | 35 MN | 1CNA | RL | MIS | ASY27 | 2N1305 | 0 |
| SFIT228 | PG | 105 | LC4 | 24 V | 20 V | 12 V | 25 cma | 85C | 15 CMMF | 6 N | 50nn | loma | RLS | MIS | ASY27 | 2N1305. | 0 |
| SFT229 | PG | 105 | L04 | 18 V | 15 V | 12 V | 250 MA | 85 C | 15 CNWF | $12^{N}$ | 75 NN | 10 MA | RLS | NIS | ASY27 | 2141305 | 0 |
| SFI232 | PG | 105 | LC4 | 40 V | 30 v | 2 CV | 1 A | 85 C | 45 CNWF | 200k | $40 T P$ | 1 A | AMG | MIS | ACY17 | 2N1176 | 0 |
| SFI233 | PG | 105 | L04 | 60 V | 40 v | 20 V | 1 A | 85 C | 45 CMhF | 200k | 40 TP | 14 | $A^{\prime N G}$ | MIS | ACY17 | 2N1176 | 0 |
| SFT234 | PG | 105 | LC4 | cov | 50 v | 20 v | 1 A | 856 | 450 MWF | 200K | 40 PP | A | ANG | MIS | ACY17 | 2N1176 | 0 |
| SFT234A | PG | T05 | $1 \mathrm{LC}_{4}$ | 80 V | 60v | 20 V | 14 | 85 C | 45 CNmF | 200 K | 30 m | 5 CmA | ang | Mis | ACY17 | 2N117t | 0 |
| SFI237 | PG | 105 | LO4 | 15 V | 15 v | 9 V | 100~A | 85C | 15 cmmF | 3 N | 10019 | 1 MA | RLS | MIS | ASY27 | 2N1305 | 0 |
| SF1238 | PG | 103 | LC5 | 40 V | 30 V | 20 V | $6 \Delta$ | 85 C | 45 WC | 200k | $20 / 30$ | 5 A | AHG | MIS | ASZ1E | 2N1536 | 0 |
| SF1239 | PG | 103 | L05 | 60 V | 40 v | 30 V | 64 | 85 C | 45 WC | 200k | 20/30 | 5 A | AHG | MIS | AS216 | 2N1536 | 0 |
| SFI24C | PG | 103 | LC5 | 80 V | 60 V | 40 V | 68 | 85 C | 45 hC | 200k | 20/30 | $5 A$ | Aht | Mis | AS215 | 2N1533 | 0 |
| SF1241 | PG | 105 | $1 L_{4}$ | 45 v | 35 v | 25v | 500 mA | 85 C | 225 MmF | 500k | $457 p$ | 1CCNA | AMG | NIS | ACY17 | 2N111t | 0 |
| SFI242 | PG | 105 | LC4 | 45 V | 30 v | 25 V | 500 NA | 85 C | 225 MmF | 1 M | 70TP | 1 CCMA | ANG | MIS | ACY17 | 2N1176 | 0 |
| SFT243 | PG | T05 | 104 | 60 V | 35 v | 25 V | 50cma | 85 C | 225 MWF | 300K 40P | 6019 | 100 NA | AMC | MIS | ASL1t | 2N1176 | 0 |
| SFT250 | PG | 103 | L05 | gov | 60 V | 4 VV | 3 A | 85 C | 45 WC | 200K | 20/150 | 2 A | AHA | MIS | ASZ15 | 2N1533 | 0 |
| SFT251 | PG | 105 | LC4 | 30 V | 24 V | 15 V | 150 MA | 85C | 225 NmF | 500k 40p | 301 P | IMA | ANG | MIS | ACY17 | 2N117t | 0 |
| SF1252 | PG | 105 | LC4 | 3 cv | 24 V | 15 V | 150MA | 85 C | 225 NWF | 800k 40P | 50TP | 1 MA | AMG | Mis | ACY17 | 2N1176 | 0 |
| SF 1253 | PG | 105 | 104 | 30 V | 20 V | 15 V | 150 MA | 85 C | 225MwF | 1 M | 8019 | 1 MA | ANG | MIS | ACY17 | 2N1176 | 0 |
| SFI 264 | PG | 1036 | L13 | 30 V | 15 v | 15 V | 15 A | 85 C | 87 hc | 200k | 25/100 | 54 | AHG | M IS | AD212 | 2N1100 | 0 |
| SFT 265 SFT266 | PG | 1036 1036 | $\left\lvert\, \begin{array}{ll}\text { L } 13 \\ 1 & 13\end{array}\right.$ | 4 CV | 40 V | 2 CV | 15 A | 85 C | 87 WC | 200k | $25 / 45$ $25 / 45$ | 5 A | AH | MIS | ACl12 $A C L 12$ | 2N1100 2N1100 | 0 |


| TRANSISTOR NUMBER | $\begin{gathered} \text { PM } \\ \text { OA } \\ \text { LT } \end{gathered}$ | PACK－ AGE | $\begin{aligned} & \text { LEAD } \\ & \text { INFO } \end{aligned}$ | $\begin{aligned} & \text { VCB } \\ & \text { MAX } \end{aligned}$ | $\begin{array}{\|l\|} \text { VCE } \\ \text { MAX } \end{array}$ | VEB MAX | I <br> C MAX | T J MAX | TOT | $\begin{array}{ll} \text { F } & C_{0 B} \\ \text { MIN } & \text { MAX } \end{array}$ | $H_{F E}$ | $\begin{gathered} \mathrm{H}_{\mathrm{FE}} \\ \text { BIAS } \end{gathered}$ | USE | MFR | $\begin{aligned} & \text { EURO } \\ & \text { EQVT. } \end{aligned}$ | USA EQVT． | ISS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SFT267 | PG | 103t | L13 | 80 V | cov | 6 CV | 154 | 856 | 87 WC | 200k | 25／45 | 5 A | AHG | MIS | ADZ12 | 2N1100 | 0 |
| SFT 268 | PG | 1036 | L13 | 100 V | 70 V | 80 V | 154 | 856 | 87 hC | 3 M | 25／45 | 54 | AHG | MIS | ADL12 | 2N1100 | 0 |
| SFT 288 | $P G$ | 1039 | L04 | 24 V | 12 V | 12 V | 500 MA | $85 C$ | 150 MWF | 6 N 20 P | 40／100 | 400 MA | RMS | MIS | ASY27 | 2N1 305 | 0 |
| SFI298 | PG | 105 | L04 | 30 V | 20 V | 20 V | 50 CmA | 85 C | 15 CNhF | SN 25 P | 35 mN | 35 CMA | AMS | MIS | ASY27 | 2N1305 | 0 |
| SFI3CE | PG | Tol | LC2 | 19V | 12 v | 12 V | looma | 85 C | 15 CMWF | 2 M 12 P | 28 TP | 1 MA | RLS | MIS | OC44N | 2N2614 | 0 |
| SFT307 | PG | 101 | L02 | 18 V | 12 V | 12 V | 100Ma | 85 C | 150NNF | 3 M 12P | 40 TP | 1 Na | RLS | MIS | 0C44N | 2N2614 | 0 |
| SFF1308 | PG | 101 | L02 | 18 V | 12 V | 12 V | 100 ma | $85 C$ | 15 CMWF | 6N 12 P | 7019 | 1 MA | RLS | MIS | OC44 | 2N2614 | 0 |
| SFT315 | $p \mathrm{P}$ | 1044 | L36 | 40 V | 24 V | Iv | 10NA | 850 | 120 NmF | 12N 3P | botp | 1 MA | RLA | MIS | AF1 24 | 2N990 | 0 |
| SFI316 | PG | 1044 | L36 | 20 V |  | Iv | 1 CMA | 85 C | 12 CMWF | 35M 3P | 120 TP | 1 MA | RLA | Nis | AF 124 | 2N990 | 0 |
| SFF1317 | PG | 101 | L02 | 20 V |  | 1 v | loma | 85 C | 150M6F | 20M 4P | 100 TP | 1 Na | RLA | MIS | AF 124 | 2N990 | 0 |
| SFT319 | PG | 101 | 102 | 20 V |  | IV | 10MA | 85 C | 150 NWF | 15 N 4 P | $501 p$ | 1MA | RLG | MIS | AF124 | 2N990 | 0 |
| SFI320 | PG | 101 | L02 | 20 V |  | 1 V | 10 MA | $85 C$ | 15 CMhF | 20N 5P | Entp | 2 Ma | RLG | MIS | AF124 | 2N990 | 0 |
| SFF1321 | PG | rol | L02 | 24 V | 18 v | 12 V | 250 NA | 850 | 20 CMhF | 700K 45 P | 301 P | 1 CONa | AMG | NIS | AC． 125 | $2 N 406$ | 0 |
| SFT322 | PG | rol | LC2 | 24 V | $18 v$ | 12 V | 25CNA | 85 C | 200 MWF | 700K 50P | 50 P | ICCNA | AMG | M IS | AC128 | 2N2706 | 0 |
| SFI 1323 | PG | TO1 | LC2 | 24 V | 18 v | 12 V | 250 Ma | 85C | 200 mmF | 1 M | 85 TP | 100 Na | ANG | MIS | AC 128 | 2N2706 | 0 |
| SFT 325 | $P G$ | T01 | L02 | 24 V | 16 V | 12 V | 500NA | 850 | 50 cmiF | IN | 7 CTP | 250 Na | AMG | NIS | AC128 | 2N270t | c |
| SFI335 | $P G$ | TO1 | $1 \mathrm{C2}$ | 32 V |  |  | $1 \supset$ OMA | 85 C | 20CNWF | 1 N | 60／150 | 1 MA | ALG | NIS | AC125 | 2N406 | 0 |
| SFI337 | PG | TCI | LOz | 15 V | 15 v | 9 v | locna | 85 C | 13 CMWF | 1 M | 10019 | 1 Na | AlG | Mis | AC125 | 2N406 | 0 |
| SFT351 | PG | Tol | LC2 | 24 V |  | 12 V | 150 NA | 850 | 200 MWF | 500k 50P | 30tD | ina | ALG | MIS | AC 125 | 2N406 | 0 |
| SFT 352 | $P G$ | T01 | 102 | 24 V |  | 12V | 150 MA | 85 C | 200 NWF | 500k 50P | 50TD | 1 ma | ALC | Mis | AC． 125 | 2N406 | 0 |
| SFT353 | PG | 101 | 102 | 24 V |  | 12 V | 150NA | 85 C | 200 MhF | 1N 50 P | 80tp | ina | ALG | NIS | AC125 | 2V406 | 0 |
| SFT354 | FG | 1 C 44 | 136 | 20 V |  | IV | 1CNA | 85 C | 120 MWF | 40M 3P | 120TP | 1 Na | RLA | NIS | AF 124 | 2N990 | 0 |
| SFI357 | $P G$ | 1044 | 136 | 20 V |  | Iv | 10 MA | 85C | 120MwF | 40M 3P | 120 TP | 1 NA | RIA | MIS | AF 124 | 2v990 | 0 |
| SF13570 | PG | 1044 | 136 | 30 V | 10 V | IV | lCNA | $85 C$ | 120 MWF | 4 JN 4 P | 18019 | 1 Na | RLA | MIS | AF 124 | 2N990 | 0 |
| SFT358 | $P G$ | 1044 | 136 | 20 V |  | 1 V | IOMA | 85 C | 120MWF | 40N 3P | 120Tp | 1 ma | Rla | MIS | AF124 | 2N990 | 0 |
| SF 367 | PG | 101 | 102 | 16 V | 16 V | 10 v | 14 | 85 C | 250 MmF | 1 M | 7519 | 1 Na | ANG | NIS | AC， 128 | 2N2706 | 0 |
| SFI 377 | AG | rol | LCE | 16 V | 16 V | 1 CV | 600NA | 850 | 250 MWF | 1 M | SCTP | 30 cma | AMC | MIS | AC176 | 2N2430 | 0 |
| SFT445 | AS | T05 | L04 | 80 v | 60 V | 5 V | 50 cma | 175C | 800NWF | 100M 8P | 407 P | 20 NA | RNG | MIS | BSW54 | 2N22194 | 0 |
| SFT918 TF49 | NS | 101 |  | 9 v | 9 v | 6 v | 30CNA | 75 C | 75 MhF | $4 \times 25 \mathrm{P}$ | 45 NN | INA | OUA | SEL | OC44N | 2N2S14 | C |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| TF65／30 | PG | $\times \mathrm{Cl}$ | 103 | 32 V | 24 V | 32 V | 15 NA | 750 | 25 MhF | 400k 35P | 45 TD | 2 ma | ale | SIL | AC 125 | 2N406 | 0 |
| TFE5 | PG | $\times 01$ | LC 2 | 16 V | 12 V | 16 V | 15 NA | 750 | 25MWF | 400k 35P | 457 P | 2 Ma | ALG | SIL | ACl2b | 2 N 406 | 0 |
| Ifto | $P G$ | T01A | L02 | 16 V | 12 V | 10 V | 300 MA | 750 | 150 NFF | 8COK 55P | 45 TP | 5 Na | AMG | Sid | $A C 1<8$ | 2N270t | 0 |
| TF66／30 | $P \mathrm{PG}$ | Tola | 102 | 32 V | 24 V | 10 V | 30CMA | 750 | 15 CNmF | 800k 65P | 45 TP | 5 MA | $\triangle N G$ | SID | AC128 | 2N270t | 0 |
| IFEG／EC | PG | Tnla | L02 | 64 V | 45 v | 16 V | 3CONA | 75 C | 15 cmmF | 900k 65P | 45 TP | SMA | $\triangle M G$ | SID | AC128 | 2v270t | 0 |
| IF 10 | $\wedge G$ | TC22 | L37 | 6 CV | 3 CV | 6 v | 25 MA | 750 | 200 NWF | 200k | 19ma | ina | ALG | 510 | AC． 176 | 2N2430 | 0 |
| TF71 | NG | T022 | L27 | 60 V | 30 V | sv | 25MA | 756 | 200 MnF | 700 K | 16 N | ina | ALG | SIO | AC176 | 2N2430 | 0 |
| TF72 | $\wedge \mathrm{A}$ | T022 | L 27 | 6 CV | 30 V |  | 25NA | 750 | 20 CmhF | 200 K | 50 NN | INA | alg | SIC | ACl7 | 212430 | $\bigcirc$ |
| IF75 | PG | ORS | OBS |  | 13 v |  | 250 ma | 75 C | 25 CNWF |  | 3010 | 2CNA | AMrs | 510 | AC128 | 2N270t | 0 |
| TF77 | PG | ces | OBS | 16 V | 16 v | ¢ V | goona | 756 | 50 cmmF |  | $23 T \mathrm{P}$ | 5 CMA | ant， | SIC | AD15？ | 2N2835 | 0 |
| TF77／3C | ${ }^{\text {PG }}$ | OHS | OBS | 32 V | 32 V | 5 V | 600ma | 750 | S00NWF |  | $32 T \mathrm{P}$ | 50NA | AMG | 510 | AC152 | 2N2935 | c |
| TF7\％ | PG | 10\％ | L 12 | 16 V | 16 V | 5 V | gooma | 750 | 500 NWF | 300K | 22Tp | 750 MA | $\triangle N G$ | SIC | AD1s2 | 2N2835 | 0 |
| TF7\％／36 | PG | то\％ | L12 | 32 V | 24 v | 5 V | CCONA | 756 | 500 MWF | 300k | 22 TP | 750 mA | amt， | SID | AT1） 2 | 2N2835 | 0 |
| TF79／60 | $P \mathrm{P}$ | tc3 | L12 | 64 V | 45 v | bv | 600 Na | 750 | 500 NWF | 300k | $22 T \mathrm{P}$ | 250 Na | AME | 510 | AD 162 | 2N＞835 | 0 |
| TF90／30 | PS | ohs | jes | 32 V | 30 v | 10 V | 2500 ma | 75C | 12WC | 250 K | 45 MN | 30 CNa | AHC | 510 | A） 152 | 2N2835 | 0 |
| 1F80／6C | ${ }^{\text {PG }}$ | OBS | URS | 64 V | 45 V | 2 CV | 2560 mA | 756 | 12 WC | 250 K | 45 mN | 300 ma | $\Delta H G$ | SID | A 156 | 2N2935 | 0 |
| TFBC／80 | $P G$ | oes | oes | BCV | 80 V | 2 OV | 3 A | 75 C | 12 hC | 250k | 15 NN | ECCMA | AHG | SID | ACLbz | 2N2835 | c |
| TFGC／30 | ${ }^{\text {PG }}$ | ces | OES | 32 V | 32 v |  | 15A | 75 C | 25 hC |  | 2519 | 15 A | AHC， | 515 | ASZLs | 2N1536 | 0 |
| TF90／6C | PG | CBS | ORS | 64 V | 64 V |  | 158 | 750 | 25 WC |  | 2519 | 158 | AHG | SID | AS11t | 2N1536 | 0 |
| 11407 | As | tos2 | L21 | 30 v | 12 v | 3 V | 30 MA | 1250 | 200 NWF | 400 M | 30 MN | 4 MA | VLA | TIB |  |  | 0 |
| 114C8 | NS | 10\％2 | L21 | 30 V | 12 V | 3 V | 30 MA | 1250 | 20 cmmF | 300 N | 2 Cm | 4 NA | VLA | IIP |  |  | C |
| 11409 | As | tc92 | 121 | 3 Cv | 12 V | 3 V | 30 mA | 125 C | 20 CNWF | 300 | 20 MN | 4 NA | VLA | 113 |  |  | 0 |
| T1486 | NS | 105 | 104 | 80 V | $6 C V$ | 6 V | 14 | 2006 | 1 hF | 25M 60P | 20180 | 2 Ccma | RNG | TIE |  |  | $\bigcirc$ |
| 11487 | $\wedge S$ | $x<t$ | L59 | 80 V | tov | 6v | 1 A | 200C | 2 hF | 25 M 6CP | 20180 | 200NA | RNG | It ${ }^{\text {d }}$ |  |  | － |
| 113027 | PG | 103 | LO5 | 45 V | 45 v | 2 CV | $7 \pm$ | loja | 150NC | 200k | $40 / 250$ | 34 | AHG | TIB | AS／16 | 2N1536 | 0 |
| 113029 | PG | 103 | LC5 | 60 V | 50 V | 20 v | 7 A | 1000 | 150 nc | 200 K | $40 / 250$ | $3 \pm$ | $\triangle H G$ | 118 | AS216 | 2N1536 | 0 |
| 113029 | PG | IC3 | LC5 | 80 V | 55 v | 2 CV | 7 A | 1 COC | 150 wC | 200k | $40 / 250$ | 3 A | H | TIB | AS715 | 2N1533 | 0 |
| 113030 | PG | 103 | LC5 | 10 CV | 60 V | 20 V | 7 A | 100C | 150 WC | 200k | $4 \mathrm{C} / 750$ | 31 | AHH | 113 | ASZ 15 | 2N1533 | 0 |
| 113031 | PG | 103 | L05 | 120 V | 65 V | 20 V | 70 | 100 C | 15 CnC | 200k | $4 \mathrm{C} / 250$ | 34 | AHH | TIE |  |  | 0 |
| 11P29 | AS | Top6t | L32 | 40 V | 40 V | 5 V | 1 A | 150C | 33 WC | 3 N | $40 / 200$ | 2 COMA | AMG | TIP | 85589 | 2N6123 | 0 |
| T1P29A | NS | TCP66 | L32 | 60 V | tov | 5 v | 1 A | 150 C | 3 ChC | 3M | $40 / 200$ | 2 CONA | ANH | $11_{18}$ | 80589 | 2N6123 | 0 |
| 119298 | NS | TOPE6 | L32 | 80 V | 80 V | $5 v$ | $1 \Delta$ | $150 C$ | 3 CWC | 3 M | $40 / 200$ | 200Na | ANH | TIB | 60589 | 2N6123 | 0 |
| TIP29C | As | 10966 | 132 | 100 V | 100 V | 5 V | $1 \Delta$ | 1506 | 30 wC | $3 N$ | 401200 | 200Na | $A^{M} \mathrm{H}$ | If | BC539 | 2N6123 | 0 |
| TIP30 | PS | TCP66 | L32 | 4 CV | 40 V | $5 v$ | 14 | $150 C$ | 3 ChC | 3 N | 4C／200 | 200NA | $A^{\prime N} \mathrm{G}$ | IIP | 30590 | 2N612t | 0 |
| TIP30A | PS | T0P66 | L32 | 60 V | 60 | 5 V | 1 A | 150 C | 30 hc | 3 N | 40／200 | 200 ma | AMG | TI日 | 8．5590 | 2N612t | 0 |
| TIP3CE | PS | ICP $\epsilon 6$ | 132 | 8 CV | cov | 5 V | 14 | $150 C$ | 30 WC | 3 M | 401200 | 20 cma | ANH | IIA | 80590 | 2N6126 | 0 |
| TIP30C | PS | 10P66 | L32 | 100 V | 100 V | 5 V | 1 A | 15 CC | 3 ChC | 3 N | $40 / 200$ | 200 MA | ANH | TIP | 80590 | 2N612t | 0 |
| TiP314 | AS | TOP6E | L32 | 60 V | 60 V | 5 V | 3 A | 150C | 40 WC | 3 N | 20／100 | 1 A | AHH | IIB | RCS89 | 2N6 123 | 0 |
| TIP31 | NS | IOPEt | Lミ2 | 4 CV | 4 cV | 5 V | 3 A | 150C | 40 WC | 3 N | 20／100 | 1 A | $\triangle H G$ | IIE | 80589 | 2N6123 | 0 |
| Tip3ie | NS | TOPE6 | －32 | 30 V | gov | 5 V | 3 A | 150 C | 4 CWC | 3 M | 20／100 | 14 | AHH | TI日 | 80589 | 2N6123 | 0 |
| ITP31C | NS | TCP6t | 132 | 10 CV | 10 CV | 5 V | 3 A | 1500 | 4 CwC | 3 M | 20／100 | 14 | AHH | TIR | 80589 | 2N6123 | 0 |
| 11932 | PS | TOPGEt | L 32 | 4 CV | 40 V | 5 V | 34 | 150 C | 4 ChC | 3 N | $20 / 100$ | 1 A | AHG | TIR | BD590 | 2N612t | 0 |
| TIP32A | PS | TOP66 | L32 | 60 V | 60 V | 5 V | 3 A | 150 C | 40 hC | 3 N | 20／100 | 1 A | AHe | TI8 | B0590 | 2N6126 | 0 |
| TIP328 | PS | TOPE6 | L32 | 8 CV | 80 v | 5 V | 34 | 150C | 40 WC | 3 M | $20 / 100$ | 14 | AHH | IT8 | B0590 | 2N6126 | 0 |
| TIP32C | ps | TOP66 | L32 | 100 V | 100 V | 5 V | 34 | 150 C | 4 chC | 34 | $20 / 100$ | 1 A | AHH | TIB | BD590 | 2N6126 | 0 |
| 11P33 | AS | TOP3 | 134 | 4 CV | 40 V | 5 V | 10 A | $150 C$ | 80 CC | 3 M | 20 MN | 3 A | AHG | ItB | BD×73 | 2N6101 | c |
| IIF33A | NS | TOF3 | 124 | 6 CV | 60 V | 5 V | 10 A | 150 C | cowc | 3 N | 20 NN | 3 A | AHH | T18 | $8 \mathrm{B0} \mathrm{\times 73}$ | 2N6101 | 0 |
| TIP33E | NS | TOP3 | L 34 | 80 V | 80 v | 5 V | 10A | 150C | 8 CWC | 3 M | 20 Na | 3 A | AHH | TB | $80 \times 73$ | 2N6101 | 0 |
| TIIP33C | As | TCP 3 TOP 3 | L34 | 1 COV 40 c | 10 cv 40 V | $5 v$ $5 v$ | 10 A | 150 C 1500 | 80 WC 8 CWC | $3 M$ $3 M$ | 20 MN | 3 AA | AHH | 118 118 | $80 \times 73$ $80 \times 78$ | 2N6101 2N6134 | 0 |


| TRANSISTOR NUMBER | $\left\lvert\, \begin{aligned} & \text { PM } \\ & \text { OA } \\ & \text { LT } \end{aligned}\right.$ | PACK－ AGE | $\begin{array}{\|c\|c\|} \hline \text { LEAD } \\ \text { INFO } \end{array}$ | $\begin{aligned} & \text { VCB } \\ & \text { MAX } \end{aligned}$ | $\begin{aligned} & \text { VCE } \\ & \text { MAX } \end{aligned}$ | $\begin{aligned} & \text { VEB } \\ & \text { MAX } \end{aligned}$ | $\underset{\text { MAX }}{\mathbf{I}}$ | $T$ $\operatorname{MAX}^{\mathrm{J}}$ | $\begin{aligned} & \text { P } \\ & \text { TOT } \end{aligned}$ | $\begin{array}{ll} F & C_{0 B} \\ \text { MIN } & \text { MAX } \end{array}$ | $H_{F E}$ | $\begin{gathered} \mathrm{H}_{\mathrm{FE}} \\ \text { BIASS } \end{gathered}$ | USE | MFR | $\begin{aligned} & \text { EURO } \\ & \text { EQVT. } \end{aligned}$ | USA EOVT． | ISS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| T1P34A | PS | TCP3 | L34 | 6 CV | 60 V | 5 v | 1 CA | 150C | 80 WC | 3 M | 20 MN | 3 A | AHL | 118 | Ecx 78 | 2N6134 | 0 |
| TIP34E | PS | TCP 3 | 134 | 80 V | 80V | 5 v | 104 | $150 C$ | 8 CWC | 3 M | 20 MN | 3 A | AHH | 118 | B0x 78 | 2N6134 | 0 |
| T1P34C | PS | T0P3 | 134 | 100V | 1 cov | 5 V | 108 | 1500 | 8 ChC | 3 N | 20NN | 3 A | AHG | TIE | $80 \times 78$ | 2N6134 | 0 |
| TIP 35 | As | TOP3 | L34 | 4 CV | 40 V | 5 V | 254 | $150 C$ | 90 WC | 3 N | 10 NN | 15 A | AHG | TIB | B0×75 | 2N6103 | 0 |
| IIP35A | NS | 10P3 | 134 | 6 CV | 60 V | 5 V | 254 | 150C | 90 WC | 3 N | 10NN | 15 A | AHH | IIE | BLX75 | 2N6103 | 0 |
| 1IP358 | ns | TOP 3 | L34 | 80 V | 80V | 5 v | $25 A$ | 150 C | 90 WC | 3 M | IOMN | 158 | AHH | TIB | 8C×75 | 216103 | 0 |
| T1P35C | AS | TOP 3 | 134 | 1 CCV | 100 V | $5 v$ | 254 | 150 C | 9 CWC | 3M | 10 MN | $15 \pm$ | AHH | TIB | BCX75 | 2N6103 | 0 |
| IIP3t | PS | TOP3 | L34 | 4 CV | 40 V | 5 V | 254 | 150C | ¢CWC | $3 N$ | 10 NN | 15 A | ${ }^{\text {AHG }}$ | TIP |  |  | 0 |
| TIP36A | PS | 1093 | L34 | tov | 60 V | 5 V | 25A | 150C | 50 WC | 3 N | 10 MN | 15 A | AHH | T18 |  |  | 0 |
| TIP36B | PS | TCP3 | 134 | gcv | 8 CV | 5 V | 254 | 150C | sowc | 3 M | 10 m | 15 A | AH＋ | Ti8 |  |  | 0 |
| 11P36C | PS | TOP 3 | 134 | 100 V | 100 v | 5 V | 258 | 150 C | 9CWC | 3 M | 1 CMN | 15 A | AHH | 119 |  |  | 0 |
| 11 P 41 | As | TOP6E | 132 | 4 CV | 40 V | 5 V | $\in \Delta$ | $150 C$ | 2WF | $3 N$ | 15／75 | 3 A | AHC | 113 | BCx73 | 2N6101 | 0 |
| IIffiA | NS | TOPEE | 122 | tCV | 60 V | 5 V | 64 | 150 C | 2 hF | $3 N$ | $15 / 75$ | 3 A | AHH | T18 | BLX 73 | 2N6101 | 0 |
| TiP418 | NS | TOPE6 | L32 | 80 V | cov | 5 V | 64 | 150 C | 2 hF | 3 N | 15／75 | 3 A | AHH | TIP | B0×73 | 2N6101 | 0 |
| $11 \mathrm{P41C}$ | $n \leq$ | TCPE6 | 132 | 100 v | 100 V | 5 V | $\epsilon \Delta$ | 150 C | 2WF | 3 M | 15／75 | $3 \Delta$ | atht | 123 | 8 Cx 73 | 2N6101 | 0 |
| 11942 | PS | T0P66 | L32 | 40 V | 40 v | 5 V | $6 \pm$ | 15 CC | 2hF | 3 N | $15 / 75$ | 3 A | AHG | IIE | $80 \times 78$ | $2 \wedge 6134$ | 0 |
| TIP42A | PS | TOP66 | L 32 | 6 CV | 60 V | 5 V | $6 A$ | 150 C | 2 hF | 3 N | $15 / 75$ | 31 | AH | T1B | B6x78 | 2N6134 | 0 |
| TIP428 | PS | ICPEt | L32 | 9 CV | 8 CV | 5 V | 6A | 150C | 2WF | 3 M | 15／75 | 3 A | AHH | IB | $30 \times 78$ | 2N6134 | 0 |
| TIP42C | PS | TOP 66 | L32 | 100 V | 100 V | 5 V | 64 | 150C | 2 wF | 3 M | $15 / 75$ | 3 A | AHH | TIP | 8 P 78 | 2N6134 | 0 |
| Ifplio | As | TOP 66 | L32 | cov | tov | 5 v | 二a | 1506 | 5 CWC |  | 750 MA | 2 A | AHE | IIB |  |  | 0 |
| TIP111 | NS | TCPEE | 122 | 8 CV | 8 CV | 5 V | ¿A | 1500 | 5 ChC |  | 750 NN | 2 A | AHO | TIE |  |  | ${ }_{0}$ |
| TIP112 | NS | T0P66 | L32 | 100 V | 100 v | 5 V | 2 A | 150C | 50 wc |  | 750 NN | 2 A | AHD | TIB |  |  | 0 |
| T1P115 | PS | TOFEt | 132 | 6 CV | 60 v | 5 V | 2 A | 150C | 50 WC |  | 750 MN | 2 A | c | TIR |  |  | 0 |
| T1P116 | pS | TCP $\epsilon 6$ | 132 | 8 CV | 80 v | 5 v | 2A | 150 C | 5 CWC |  | 750 MN | 2 A | AHC | T18 |  |  | 0 |
| IIFI17 | PS | IOP66 | 132 | 100 V | 100 V | 5 V | 2 A | $150 C$ | 5 CkC |  | 750NN | $2 A$ | aH | tie |  |  | 0 |
| IIP120 | Ns | tcpet | 132 | 6 CV | 6 CV | 5 V | $5 \Delta$ | 15CC | tonc |  | 1000 Nm | $3 \Delta$ | AHC | T18 |  |  | 0 |
| TIP121 | NS | T0PE6 | L32 | 80 V | 80 V | 5 v | 5 A | 1506 | 6 ChC |  | 1.000 mN | 34 | AHD | $11^{8}$ |  |  | 0 |
| 11P122 | $\wedge \leq$ | TOPE6 | 132 | 1 COV | 100 v | 5 V | 5 A | 150 C | 60 WC |  | 100CmN | $3{ }^{3}$ | AHE | I13 |  |  | 0 |
| IIP 125 | PS | 10P6E | 132 | 6 CV | 60 V | 5 V | $5 A$ | 1506 | 60 WC |  | 1000 mN | $3{ }^{3}$ | AHC | IIB |  |  | 0 |
| TIPI2t | ps | TOP6t | 132 | 8 CV | 90v | $5 v$ | 54 | 1506 | $t \mathrm{CHC}$ |  | 1000 NN | $3{ }^{3}$ | AH | TIE |  |  | 0 |
| T1P127 | fs | TCPEt | L32 | 1 CCV | 100 r | 5 V | $\leq A$ | 150C | towc |  | 100 CmN | 3 A | AHC | I18 |  |  | 0 |
| JIP14C | NS | T0p 3 | 134 | 60 V | ECV | 5 V | 10 A | 150 C | 125 kC |  | 500 mN | 1 CA | AHC | 118 |  |  | 0 |
| TIP141 | As | TOP3 | 134 | sov | 80 V | 5 V | 104 | 150C | 125 nc |  | 500 Na | $10 \pm$ | AHD | TiB |  |  | 0 |
| IIP142 | is | TOP3 | 134 | 10 CV | 100 V | 5 V | 1 CA | 1506 | 125 WC |  | 500 mN | $10 \wedge$ | AHC | 113 |  |  | 0 |
| TIF145 | PS | TCF 3 | 124 | ECV | 60 V | 5 V | 1CA | 1506 | 125kC |  | 500 NN | 1CA | AHD | IIP |  |  | 0 |
| $11914 t$ | PS | TCP 3 | L 34 | 80 V | ¢CV | 5 v | 1 CA | 150 C | 125 WC |  | 5 COMN | 10 A | A C C | 118 |  |  | 0 |
| 119147 | pS | 16P3 | L34 | LCCV | 10 CV | 5 V | 104 | 150 C | 125WC |  | 500 ma | 1 CA | $\triangle H C$ | 113 |  |  |  |
| 11F2＇955 | PS | TOP 3 | 134 | 100 V | tov | 7 V | 15 A | $150 C$ | 9 ChC | 3 N | 20 NN | 4 A | $\triangle H^{\text {a }}$ | 118 | BD2 $14 /$ |  |  |
| TIP3054 | AS | T0P66 | L32 | gov | 90 V | 7 v | $4{ }^{\text {A }}$ | 150 C | 40w | $3 N$ $3 M$ | 251100 | 500MA | $\triangle{ }^{\text {AH }}$ | T18 | BC549 | 2N6123 |  |
| TIP3C55 | NS | ICP 3 | 134 | 1 cov | OV | 7 V | $15 \wedge$ | 150 C | 90 WC | 3M | 20／70 | $4 \Delta$ | $\triangle \mathrm{HH}$ | TIR | BC213／ |  | 0 |
| 11518 | NS | Tイ92 | L21 | 25 V | 13 v | 3 v | 3CNA | 125 C | 200MaF | 60.0 M 1.07 | 20 MA | 10NA | ULA | It 18 | 8F $\times 73$ | 2N918 | 0 |
| TSS25－27 | FE |  |  |  |  |  |  |  |  |  |  |  | DLA | T18 |  |  | 0 |
| TISこ4 | FE |  |  |  |  |  |  |  |  |  |  |  | FET | T18 ${ }_{\text {T18 }}$ |  |  | C |
| 11537 | PS | 1092 | L＜1 | 35 V | 32 V | 6 V | 50～A | 125 C | 200 MWF | 50 N 1P7 | 45 NN | INA | FRH | T18 |  |  | 0 |
| T1538 | PS | TC92 | L21 | 35 V | 32 V | $4 v$ | SCNA | 125 C | 200 NWF | 80 M 197 | 25 MN | 1 NA | FRM | T1B |  |  | 0 |
| 11542 | FE |  |  |  |  |  |  |  |  |  |  |  | FFT | T18 |  |  | 0 |
| 11543 | LJ |  |  |  |  |  |  |  |  |  |  |  | UJT | 119 |  |  | 0 |
| IIS44 | NS | tcs 2 | 181 | 25 v |  | 3 V | 50MA | 125 C | 25 CNWF | 200N 6 F | 20 NN | $1 \mathrm{CNA}^{\text {a }}$ | VLS | $1{ }^{18}$ |  | 2N 706 |  |
| 11545 | NS | 1092 | L21 | 40 V | 15 v | 5 v | 200na | 125 C | 25 CMhF | 300 M 6 P | 30／120 | 1 CMA | RNS | T18 |  | 2N703 | 0 |
| T1546 | AS | ro9\％ | 121 | 40 V | 15 V | 5 V | 2 CCNA | 1250 | 250 MWF | 3 COM 6 P | 30／120 | 10 NA | RMS | TIR |  | 2NY14 | 0 |
| T1547 | NS | tos2 | 121 | 4 CV | 15 V | 4 v, | 200 ma | $125 C$ | 25 CNHF | 400 H 4 F | 20／60 | 10 Na | VNS | TIE | $85 \times 2 \mathrm{C}$ $85 \times 20$ | 2N2368 |  |
| TIS48 | NS | 1032 | L21 | 40 V | 15 v | 4 V 5 | 200 NA | 1250 | 25 CMWF | 500 N | 40／170 | 1 CMA | VMS | 118 | BS $\times 20$ | 2N2369 | 0 |
| IIS49 | AS | T092 | L21 | 40 V | 15 V | 4 V 5 | 200NA | 125 C | 二5CNWF | 500 M 4 P | 40／170 | 1 CNA | VMS | IIB | 8S×2C | 2N 23094 | 0 |
| TIS5C | PS | 1092 | 121 | 12 V | 12 V | 4 v | 200ma | 125 C | 250MwF | 400 M OP | 40／150 | 3 CMA | VIS | T18 |  | 2N2894 | 0 0 |
| TIS51 | ns | T092 | L21 | 30 V | 20 V | 5 v | 20CNA | 1250 | 25 CMmF | $400 \mathrm{M} \mathrm{4P}$ | $3 \mathrm{c} / 170$ | 10NA | VLS | TIB | BS $\times 20$ | 2N3C11 | 0 |
| 11552 | NS | TC92 | Lal | 40 V | 20 V | 5 v | 200ma | 1250 | 25 CNHF | 350 N 5 f | $30 / 120$ | 3 CNA | VMS | IIE |  | 2N3014 | 0 |
| T1553 | PS | 1092 | L21 | 12 V | 12 V | $4 v$ | 80 NA | 1250 | 25 CMWF | 500 N 3 P 5 | $30 / 120$ | 1 CMA | ULS | TIE |  | 2N3639 | 0 |
| 11554 | PS | T092 | 121 | ¢ $v$ | GV | 4 v | gona | 1250 | 250MWF | 5 COM 3 P 5 | $30 / 120$ | 1 CNA | ULS | I18 |  | 2N364C | 0 |
| 11555 | ns | 1092 | 121 | 40 V | 15 V | 5 V | 200MA | 125 C | 250 MWF | 350 M 5 P | 30／120 | 30 MA | ULS | T18 | BS $\times 20$ | 2N3646 | 0 |
| 1155t | NS | 1072 | 106 | 30 V | 20 v | 3 V | 3 CMA | 1756 | 20 CMmF | 500NOP32 | $20^{\circ N}$ | 4 MA | FVG | TIE | BF200 |  | 0 |
| 11557 | NS | 1072 | LCE | 3 Cv | 20 v | 3 V | 3 CmA | 175C | 20CNWF | S00MCP32 | 2 CmN | 4 NA | JIC | IIB | BF 167 |  | 0 |
| T1558－59 | FE |  |  |  |  |  |  |  |  |  |  |  | FET | TIE |  |  | 0 |
| 11560 | AS | 1092 | L21 | 40 V | $25 v$ | 5 V | 400 Na | 125 C | 300 MWF |  | 100 mN | 50 NA | ANG | TIB |  |  | 0 |
| TIS60M | NS | 1092 | L21 | 40 V | 25 V | 5 V | 4 COMA | 1250 | 300 NWF |  | 100 mN | 50 MA | AMG | T1B |  |  | 0 |
| T1561 | PS | 1092 | Lく1 | 40 V | 25 v | 5 V | 400 mA | $125 C$ | 300 NmF |  | 100NN | 5 CNA | ANG | Ite |  |  | 0 |
| tistin | PS | 1092 | L21 | 40 V | 25 v | 5 v | 40CNA | 125 C | 300 MWF |  | 100 mN | 5 CMA | AMG | T18 |  |  | 0 |
| 11562 | AS | $\times 10$ | L20 | 30 V | 12 V | 3 V | 30 MA | 1250 | 200 MWF | 50091 P 6 | 30 MN | 4 MA | FRM | T19 | BF 185 |  | 0 |
| IIS63 | NS | $\times 10$ | L＜C | 304 | 12 V | 3 V | 30 MA | 125 C | 200 MmF | $400{ }^{\text {N 1P6 }}$ | 20 MN | $4 N A$ | FRM | JIE | BF185 |  | 0 |
| 11564 | ns | $\times 10$ | L20 | 30 V | 12 V | 3 V | 30 mA | 1256 | 200 MWF | $300{ }^{\text {N } 2 P 2}$ | 20 MN | 4 MA | FRM | TIB | BF185 |  | 0 |
| TIS 73 | FE |  |  |  |  |  |  |  |  |  |  |  | FET | IIE |  |  | 0 |
| 11574 | FE |  |  |  |  |  |  |  |  |  |  |  | FET | Tis |  |  | 0 |
| 11575 | FE |  |  |  |  |  |  |  |  |  |  |  | FET | TIB |  |  | 0 |
| 11578－79 | FE |  |  |  |  |  |  |  |  |  |  |  | FET | TIE |  |  | 0 |
| T1584 | NS | $\times 10$ | 419 | 40 V | 30 V | 4 V | 50 NA | 125 C | 250 MmF | $350 N$ OR 4 | 30 NN | 4 MA | FVG | TIE | BF200 |  | 0 |
| TIS86 | ns | $\times 10$ | L1c | 30 V | 30 V | 4 V | 5 CNA | 125 C | 40 CmWF | 500MOR 45 | 40／200 | 4 MA | FVG | ，Tib | BF20C |  | 0 |
| 11587 | AS | $\times 10$ | 119 | 45 V | 45 v | 4 V | SCNA | 1250 | 400 MhF | 500 NOR4 5 | $4 \mathrm{C} / 200$ | 4 MA | TIA | TIE | EF173 |  | 0 |
| 11590 | ns | 10.92 | L21 | 40 V | 40 V | 5 V | 400 MA | 150 C | 625 NWF |  | 100 mN | 50 MA | $\triangle$ AMG | TIB | TIS90 | 2N3704 | 0 |
| TIS90M | NS | 1092 | L 21 | 40 V | 40 V | 5 V | 400 ma | 150C | 625 MWF |  | 100 NN | 50 MA | A AMG | IIE | IIS90 | 2N3 704 | 0 |
| TIS91 TIS91M | PS | 1092 1092 | L21 L2 21 | 40 V | 40 v 40 v | $5 v$ 50 | 400 NA 400 NA | 150 C 150 C | $\left\lvert\, \begin{aligned} & 625 \mathrm{MWF} \\ & 625 \mathrm{MWF}\end{aligned}\right.$ |  | 100 NN 100 MN | 50 MA 5 CMA | A ${ }^{\text {ANG }}$ | GIB TIB |  |  | 0 |


| TRANSISTOR NUMBER | $\begin{gathered} \text { PM } \\ \text { OA } \\ \text { LTT } \end{gathered}$ | PACK- AGE | $\left.\begin{array}{\|l\|l\|} \hline \text { LEAD } \\ \text { INFO } \end{array} \right\rvert\,$ | $\begin{aligned} & \text { VCB } \\ & \text { MAX } \end{aligned}$ | $\begin{aligned} & \text { VCE } \\ & \text { MAX } \end{aligned}$ | $\begin{aligned} & \text { VEB } \\ & \text { MAX } \end{aligned}$ | $\mathbf{I}_{\mathbf{C}}$ MAX | $\stackrel{T}{\mathrm{~J}}$ | $\begin{aligned} & \mathbf{P} \\ & \text { TOT } \end{aligned}$ | $\begin{array}{ll} F & C_{0 B} \\ \text { MIN } & \text { MAX } \end{array}$ | $H_{F E}$ | $\begin{gathered} \mathrm{H}_{\mathrm{FE}} \\ \text { BIAS } \end{gathered}$ | USE | MFR | EURO <br> EQVT. | $\begin{aligned} & \text { USA } \\ & \text { ERVT. } \end{aligned}$ | ISS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| TISS2 | NS | $\times 10$ | L2C | 40 V | 40 V | 5 V | 400Na | 150C | 625 mmF |  | 100 mN | 50 ma | AMG | 1 If |  |  | 0 |
| IIS92M | NS | $\times 10$ | L20 | 40 V | 40 V | 5 V | 40 CMA | 150C | 625 MWF |  | 100 mN | 5 CmA | AMG | T18 |  |  | 0 |
| IIS93 | PS | $\times 10$ | 120 | 40 V | 40 V | 5 V | 400NA | 150C | 625 MmF |  | 100 mN | 50 MA | AMG | 1 I |  |  | 0 |
| IIS93M | PS | $\times 10$ | 120 | 40 V | 40 V | 5 v | 40 CNA | 150 C | 625 MWF |  | 100 mN | 50 MA | ANG | TIB |  |  | 0 |
| 115108 | AS | $\times 10$ | 119 | 40 V | 30 V | 4 V | 50 MA | 125 C | 250 MWF | 350M OR 4 | 25 MN | 4 MA | TIG | IIB | BF 167 |  | 0 |
| tk2C | PG | $\times 18$ | L38 | 30 V | 12 V | 30 V | 50ma | 75C | 20 CMWF | 3 N | 20/100 | 1 MA | ALG | 0es | AC128 | 2N2706 | 0 |
| JK208 | PG | $\times 18$ | 138 | 30 V | 12 v | 30 V | 50 Ma | 75 C | 200 MWF | 3M | 20/100 | 1 MA | ALG | OBS | AC128 | 2N2706 | 0 |
| TK206 | PG | $\times 10$ | 138 | 30 V | 12 V | 30 V | 50 MA | 750 | 200 MWF | 3M | 20/100 | 1 MA | ALG | OBS | AC128 | 2N2706 | 0 |
| 1K21 | $P \mathrm{P}$ | $\times 18$ | L38 | 30 V | 20 V | 30 V | 100ma | 756 | 200 MWF | 1 N | 15 MN | 20 MA | ALG | OBS | AC125 | 2N406 | 0 |
| TK218 | PG | $\times 18$ | L38 | 30 V | 20 v | 30v | L00ma | 756 | 200 MWF | 1 M | 15 MN | 20NA | ALG | OBS | AC125 | 2N406 | 0 |
| TK21C | PG | $\times 18$ | L38 | 30 V | 20 V | 30 V | 100na | 75 C | 200 MWF | 1 M | 15 NN | 2 mma | ALG | OBS | AC125 | 2N406 | 0 |
| TK23 | PG | $\times 18$ | L38 | 40 V | 30 V | 20 V | 10 CNa | 75 C | 200 MWF | 500k | 30 MN | 20 MA | AL C | OBS | AC125 | 2N406 | 0 |
| 1K23A | $P G$ | $\times 13$ | L38 | 40 V | 30 V | 20 V | 100 ma | 75 C | 200 NWF | 500 K | 30 ma | 20Na | ALG | OBS | AC125 | 2N406 | 0 |
| 1K23C | PG | $\times 18$ | L38 | 4 CV | 30 V | 20 V | 100MA | 75 C | 200 NWF | 500K | 30 mN | 20 MA | ALG | CBS | AC125 | 2N406 | 0 |
| JK24 | PG | $\times 18$ | L38 | 30 V | 20 V | 30 V | 200NA | 75 C | 200 MmF | 2 N | 35 TP | 4 CNA | AMG | ORS | ACl 28 | 2N2706 | 0 |
| TK24C | PG | $\times 18$ | 138 | 30 V | 20 V | 30 V | 200MA | 75 C | 200 MhF | 2 M | 35 TP | 4 CMA | ANG | OBS | AC 128 | 2N 2706 | 0 |
| $1 \times 248$ | PG | $\times 18$ | 138 | 30 V | 20 V | 30 V | 200ma | 75 C | 200 MWF | 2 M | 35 TP | 40 MA | ANG | OBS | AC128 | 2N2706 | 0 |
| 1K25 | $P G$ | $\times 18$ | L38 | 20 V | 6 V | 20 V | 250ma | 750 | 200 NWF | 6 N | 20/150 | 1 MA | RMG | ORS |  |  | 0 |
| TK25 | PC | $\times 18$ | L 38 | 20 V | 6 V | 20 V | 25cma | 75C | 200 MWF | 6 N | $20 / 150$ | 1 MA | RMG | oes |  |  | 0 |
| TK25C | PG | $\times 18$ | L38 | 20 V | 6 v | 20 V | 250 MA | 75 C | 200 MmF | 6 N | $20 / 150$ | 1 MA | RMG | OBS |  |  | 0 |
| IK28 | PG | $\times 18$ | L38 | 26 V | 25 V | 2 CV | 100 ma | 750 | 200 NWF |  | 30 MN | 15 Na | ALC | CBS | AC 125 | 2N406 | 0 |
| TK28C | $P \mathrm{P}$ | $\times 18$ | 138 | 26 V | $25 v$ | 20 V | 100 MA | $75 C$ | 200 MmF |  | 30 NN | 15 MA | ALG | OBS | AC125 | 2N406 | 0 |
| 1k30 | $P G$ | +18 | 138 | 30 V | 10 V | 30 V | 100ma | 75 C | 200 MhF | 3 M | 20/100 | 1 ma | RMG |  | OC44N | 2N2614 | 0 |
| JK300 | PG | $\times 18$ | L38 | 30 V | 10 V | 3 cv | 10 cma | 75C | 200 NWF | 3 M | 20/100 | 1 MA | RMG |  | $0 C 44 N$ | 2N2614 | 0 |
| TK 31 | ${ }^{\text {PG }}$ | $\times 18$ | 138 | 20 v | 5 v | 15 V | 100 ma | 75 C | 200 MhF | 6 M | 20/150 | 1 MA | RMG | OBS | 0 C 44 N | 2N2614 | 0 |
| TK310 | PG | $\times 18$ | L38 | 20 V | 5 v | 15 V | 100MA | 750 | 200 NWF | 6 N | $20 / 150$ | 1 MA | RMG | OES | 0044 A | 2N2614 | 0 |
| [K33 | NG | $\times 18$ | L38 | 30 V | 12 V | 20 V | 5 CMA | 75 C | 10 CNWF | 3 N | 20/100 | 1 MA | RLG | CBS | AC176 | 2N2430 | 0 |
| J×336 | NG | $\times 18$ | 138 | 30 V | 12 V | 20 V | TOMA | 75 C | 100 MmF | 3 M | 20/100 | 1 MA | RLG | OBS | AC176 | 2N 2430 | 0 |
| 1K34 | Pi | $\times 18$ | 138 | 20 V | 6 | 15 V | SOMA | 75 C | 100 NWF | 6 M | 25/200 | 1 MA | RLG | 08S | 0C44N | 2N2614 | 0 |
| 1k34C | PG | $\times 18$ | 138 | 20 V | $t \vee$ | 15 v | 50 MA | 75 C | 100 NWF | 6 M | 25/200 | 1 MA | RLG | OBS | 0C44N | 2N2614 | 0 |
| 1K35 | PG | $\times 18$ | L38 | 16 V | 10 V | 12 V | 100MA | 750 | 200 MWF | 2 N | $20 / 85$ | 1 MA | RLG | ces | OC44N | 2N2614 | 0 |
| TK35C | ${ }^{\text {PG }}$ | $\times 18$ | L38 | 16 V | 10 V | 12 V | 100 ma | 75C | 20 CNF | 2 N | 20/85 | 1 MA | RLC | 0es | OC44N | 2N2614 | , |
| 1K36 | PG | $\times 18$ | L38 | 16 V | 10 v | 12 V | 100 NA | 75 C | 20 CMmF | 4 M | $25 / 110$ | 1 MA | RLG | 085 | OC44N | 2N 2614 | 0 |
| 1K36C | PG | $\times 18$ | 138 | 16 V | 10 V | 12 V | 100NA | 75 C | 200 MWF | 4M | 25/110 | 1 MA | RLC | OBS | OC44A | 2N2614 | 0 |
| 1K37 | PG | $\times 18$ | L38 | 16 V | 10 v | 12v | 100 MA | 75 C | 200 MWF | 7M | $30 / 135$ | 1 MA | RLG | CBS | 0644N | 2N2614 | 0 |
| 5<376 | PG | $\times 18$ | 138 | 16 V | 10 V | 12 V | 100NA | 75 C | 200 MmF | $7 N$ | 30/135 | 1 MA . | RLG | ces | OC44N | 2N2614 | 0 |
| TK38 | PG | $\times 18$ | L38 | 16 V | 104 | 12 V | 100 MA | 15 C | 20 CNWF | 12 M | 50/185 | 1 MA | ALG | obs | 0C44N | 2N2614 | 0 |
| TK38C | $\mathrm{P}_{\mathrm{G}}$ | $\times 13$ | 138 | 16 V | 10 V | 12 V | 100ma | 75C | 200 MWF | 12 M | 50/185 | 1 MA | ALG | OBS | OC44N | 2N 2614 | 0 |
| IK40 | PG | $\times 18$ | 138 | 40 V | 20 v | 40 V | 10 CNA | 75 C | 200 MmF | 1 M | 17/90 | 1 MA | RLG | CBS | OC44n | 2N2614 | 0 |
| TK40A | PG | $\times 18$ | L38 | 40 V | 20 v | 40 V | 100MA | 75 C | 200 MNF | IN | 17/90 | 1 MA | RLG | CBS | 0644N | 2N2614 | 0 |
| TK40C | PG | $\times 18$ | 138 | 40 V | 204 | 40 V | 100ma | 75 C | 20 cmhF | 1N | 17/90 | 1 mA | RLG | OBS | OC44N | 2N2614 | 0 |
| 1K41 | PG | $\times 18$ | 138 | 40 V | 20 V | 3 CV |  | 75 C | 200 MWF | 1 M | $20 / 55$ | 1 MA | RLG | OBS | 0644 n | 2N2614 | 0 |
| 1к41C | PG | $\times 18$ | 138 | 40 v | 20 v | 3 CV |  | 75 C | 200 NFF | 1 M | 20/55 | 1 MA | RLG | OBS | 0644N | 2N2614 | 0 |
| JK42 | PG | $\times 18$ | 138 | 40 V | 15 v | 30 V | 100mA | 750 | 200 MmF | IN | 45/150 | 1 MA | RLG | CBS | OC44A | 2N2614 | - |
| TK42C | PG | +18 | L38 | 40 V | 15 v | 30 V | 100 Na | 75 C | 200 NFF | 1 N | $45 / 150$ | 1 MA | RLG | CBS | OC44N | 2N2614 | 0 |
| TK44C | PG | $\times 18$ | 138 | 40 V | 4 CV |  | 100NA | 75 C | 150 MWF | 2 M | 38/54 | 1 Ma | RLG | OBS | OC44N | 2N 2614 | 0 |
| 1 K 45 | PG | $\times 18$ | 138 | 40 V | 15 v | 30 V | $10 \mathrm{CNA}^{\text {d }}$ | 75 C | 200MWF | 1 M | 45/150 | 1 MA | ALG | CBS | AC125 | 2N406 | 0 |
| IK45C | $P \mathrm{PG}$ | $\times 13$ | 138 | 40 V | 15 V | 30 V | 10 CMA | 756 | 200 MWF | 1 N | 45/150 | 1 MA | AL C | CBS | AC125 | 2N406 | 0 |
| IK40 | PG | $\times 18$ | 138 | 2 CV | 10 V | 20 V | 100 mA | 750 | 20 CNWF | 400k | 15 NN | 5 MA | ALG | CBS | AC125 | 2N406 | 0 |
| TK46C | $P G$ | $\times 18$ | L38 | 20 V | 10 v | 20 V | 100 mA | 75 C | 200 MmF | 400k | 15 NN | 5 MA | AlG | OBS | AC125 | 2N406 | 0 |
| 1K47 | PG | $\times 18$ | L38 | 20 V | 10 V | 20 V | 100 MA | 75 C | 200 MWF | 300k | 20 ma | 5 MA | ALG | OBS | AC 125 | 2N406 | 0 |
| 1K47C | PG | $\times 18$ | 138 | 20 V | 10 V | 20 V | 100NA | 75 C | 200 MmF | 300 K | 20 MN | 5 MA | ALG | CBS | AC125 | 2ヘ406 | 0 |
| 1K43C | PG | $\times 18$ | 138 | ccv | 20 V | 40 V | $2 〕 0 \mathrm{MA}$ | 75 C | 150 MWF | 300k | 15 MN | 250 mA | ALH | CBS | OC77^ | 2N1176B | 0 |
| TK49C | NG | $\times 18$ | 138 |  | 10 v |  |  | 75C | 10 CMWF |  | 15 MN | 1 MA | al $G$ | OBS | AC176 | 2N2430 | 0 |
| TK10 | NS | 105 | 104 | 30 V | 25 v | 20 V |  | 150 C | 325 MmF | 4 M | 30 NN | 3 MA | ALG | OBS | BFYSO | 2N 2297 | - |
| tK70A | $n \mathrm{~S}$ | 105 | 104 | 30 V | 2 cv | 20 V |  | 150 C | 325 NWF | 1 M | 30Mn | 3 MA | ALG | ces | BFY50 | 2N2297 | 0 |
| TK71 | NS | 105 | 104 | 30 V | 20 V | 20 V |  | 150 C | 325 NmF | 1 N | 10 mN | 3 MA | AIG | CBS | BFY50 | 2N2297 | 0 |
| tkila | NS | 105 | L04 | 30 V | 20 V | 20 V |  | 150 C | 325 MkF | 1 M | 10 NN | 3 NA | ALG | OBS | BFY50 | 2N2297 | 0 |
| TK72 | NS | 105 | $1 \mathrm{C4}$ | 20 V | 12 v | 15 V |  | 150C | 325 NWF | 1 M | 10 MN | 3 MA | AL G | OBS | 8FY50 | 2N2297 | 0 |
| tk72A | NS | 105 | L04 | 20 V | 12 v | 15 v |  | 150 C | 325 MWF | 1 M | 10 MN | 3MA | ALG | OBS | BFY50 | 2N2297 | 0 |
| IK200 | AS | 103 | 105 | 4 cv | 20 V | 6 V | 1500 mA | 150C | 2500 MaF | 50N 48P | gMn | 200MA | AHG | OBS | BCy20 | 2N3055 | 0 |
| TK200A | NS | 103 | L05 | 4 CV | 20 V | 6 V | 1500 MA | 150C | 250 CMWF | 50N 48 F | gmN | 200 MA | AHG | 08S | BCY2C | 2N305s | 0 |
| 1×201 | NS | 103 | L05 | 40 V | 20 V | 6 V | 1500 mA | 150C | 2500 MmF | 75 N 47 P | 16 MN | 200 ma | AHG | OBS | B0Y20 | 2N3055 | 0 |
| TK201A | AS | 103 | LC5 | 40 V | 204 | 6 V | 1500 mA | 150C | 2500 MWF | 75M 47P | 16 MN | 2 CCMA | AHC | oes | BCY20 | 2N3055 | 0 |
| 1K202A | ns | 103 | L05 | 4 CV | 20 V | 6 V | 1500 mA | 150 C | 2500 MWF | 40 M 48 P | 10MN | 200 Ma | AHC | OBS | BDYzo | 2N3055 | 0 |
| 1K2C3A | ns | 103 | L05 | 40 V | 20 V | 6 V | 1500NA | 150C | 2500 MmF | 75 M | 16 MN | 2 Coma | AHG | OBS | BCr20 | 2N3055 | 0 |
| JK25CA | NS | 105 | LC4 | 4 CV | 20 V | 6 V | 250 MA | 150C | 50 CHWF | 50 M | 8MN | 2 CmA | RMG | OBS | BFY50 | 2N2297 | 0 |
| tK251A | NS | 105 | 104 | 40 V | 20 V | 6 V | 250 MA | $150 C$ | 500 MWF | 100M | 20MN | 2 CMA | RNG | OBS | BSW54 | 2N2219A | 0 |
| TK252A | ns | 105 | 104 | 40 V | 20 V | 6 V | 50 CNA | 150C | 600 MHF | 50 M | 20 MN | 20 MA | ANG | OBS | BF Y50 | 2N2297 | 0 |
| JK253A | as | 103 | 104 | 40 V | 20 V | 6 V | 500ma | $150 C$ | 600 MWF | 100M | 10 MN | 20 MA | RMG | Oes | BSW54 | 2N2219A | 0 |
| TK254A | NS | 105 | 104 |  | 25 v |  | 100 Na | 150 C | 600 MwF | 100 M | 25 MN | 20 MA | RLG | OBS | B Sw 54 | 2N2219A | 0 |
| TK255A | AS | T018 | $\mathrm{LCl}^{\text {cl }}$ |  | $15 v$ |  | 100 NA | 150 C | 300 MWF | 100 M | 15/60 | 1 cma | RLC | Oes | BSW64 | 2N2222A | 0 |
| 1K256A | ns | 1018 | LOL |  | 15 v |  | 100 mA | 150 C | 300 MNF | 100 M | $25 / 120$ | 10 MA | RLG | OBS | BSW64 | 2N2222A | 0 |
| 1K257A | NS | 1018 | 101 |  | 20 v |  | 100 mA | 150 C | 300 MmF | 150N | 25 MN | 10 MA | RLG | OBS | BSW64 | 2N2222A | 0 |
| JK258A | ns | 1018 | LO1 |  | 12 v |  | 100MA | 150C | 300 MWF | 150M | $10 / 60$ | 10 MA | RLG | ces | BSW64 | 2N2222A | 0 |
| TK259A | NS | T018 | LCl |  | 124 |  |  | 150 C | 30 CMhF | 150M | 201120 | 1 cma | RLG | OBS | BSW64 | 2N2222A | 0 |
| IK264A | AS | 1018 | LCl |  | 25 V |  | 100MA | 150 C | 300 MWF | 120 M | 64 TP | 10 MA | ALG | OBS | BC 107 | A157 | 0 |
| IK4J0A | PG | 103 | 105 |  | 15 v |  | 10 A | 90C | 24 WC | 100K | 8/15 | 5 A | AHG | OBS | ASZ16 | 2N1536 | 0 |
| IK401A | PG | 103 103 | LC5 |  | 40 V |  | 10 l | 906 | 24 WC | 100 K 100 K | $8 / 20$ $2 / 50$ | 5 A | AHG | CBS | ASZ16 ASZ16 | 2N153t $2 N 1536$ | 0 |


| TRANSISTOR NUMBER | $\begin{gathered} \mathbf{P M} \\ \mathbf{O A} \\ \mathbf{I T} \end{gathered}$ | $\begin{aligned} & \text { PACK- } \\ & \text { AGE } \end{aligned}$ | $\begin{array}{\|l\|} \text { LEAD } \\ \text { INFO } \end{array}$ | $\begin{aligned} & \text { VCB } \\ & \text { MAX } \end{aligned}$ | $\begin{array}{\|c\|} \text { VCE } \\ \text { MAX } \end{array}$ | $\begin{aligned} & \text { VEB } \\ & \text { MAX } \end{aligned}$ | $\underset{\operatorname{MAX}}{\mathbf{I}}$ | $\stackrel{\mathbf{T}}{\mathbf{M A X}}$ | $\begin{aligned} & \text { P } \\ & \text { TOT } \end{aligned}$ | $\begin{array}{ll} F_{1} & C_{0} \\ \text { MIN } & \text { MAX } \end{array}$ | $\mathbf{H}_{\mathbf{F E}}$ | $\begin{gathered} \mathrm{H}_{\mathrm{FE}} \\ \text { BIAS } \end{gathered}$ | USE | MFR | EURO <br> EQVT． | USA EQVT． | ISS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1K403A | PG | 103 | LC5 |  | cov |  | 74 | 900 | 24 WC | 100k | 8／20 | 54 | At， | OBS | ASL16 | 2N1536 | 0 |
| $\times 4101$ | PG | ces | LC3 | 20 V |  | 12 V | 10NA | 65C | 120 MWF | 2N 14P | 3519 | 1 MA | RLG | ces | 0C44N | 2N2614 | 0 |
| X4102 | PG | OBS | LC3 | 20 V | 16 v | 6 V | 5 CMA | 65C | 6 CMWF | 4M12P | GCTP | 1 MA | RLE | OBS | 0C44N | 2N2614 | 0 |
| XA111 | PG | 101 | 102 | 20 V |  | 12 V | 10 Ma | 65c | 120 MmF | 2M14P | $351 P$ | 1 MA | RLG | 08S | OC44N | 2N 2614 | 0 |
| XA112 | PG | 101 | LC2 | 20 V | 16 V | 6 V | 5 CMA | 65 C | 60 MhF | 4 N 12P | G01p | 1 MA | RLG | CBS | OC44N | 2N 2614 | 0 |
| $\times 4121$ | $P G$ | 107 | $\mathrm{LC7}_{7}$ | 25 v |  | 1 v | 10 MA | 856 | 80 mmF | 20N 3P | GOTP | 2 MA | RLG | OBS | AF 124 | 2N990 | 0 |
| $\times 122$ | PG | 107 | 107 | 25 V |  | 1 v | 10 MA | 85 C | 8 CMMF | 20M 3F | GOTP | 1 MA | RLG | OBS | AF 124 | 2N990 | 0 |
| X 8123 | PG | IC 1 | LC7 | 25 V |  | Iv | ICNA | 85 C | 80MWF | 20M 3P | GOTP | 1 Na | RLG | ORS | AF 124 | 2N990 | 0 |
| $\times 1124$ | PG | TC7 | LC7 | 25 V |  | IV | 1 CMA | 85 C | 80 NWF | 2．JM 3P | botp | 1 MA | RLG | OBS | AF 124 | 2N990 | 0 |
| X $112 t$ | PG | 107 | L07 | 25 V |  | 1 v | 10 MA | 850 | 8 CMmF | 2ON 3P | SOTP | 1 MA | RLG | CBS | AF 124 | 2N990 | 0 |
| X 4131 | PG | 1C44 | L 36 | 30 V |  | Iv | 1 CMA | 85 C | 12CNWF | $50 \mathrm{M} \mathrm{3P}$ | ectp | 1 MA | RLC． | OES | AF 124 | 2v990 | 0 |
| X 8141 | PG | 105 | 104 | 30 V | 1 V |  | 1 CNA | 85 C | 120 MWF | 20M 3P | 45 TP | 5 Ma | RLG | OBS | AF 124 | 2N9YO | 0 |
| X $\times 142$ | PG | 105 | LC4 | 30 V | 1 v |  | ICNA | 85 C | 120 MWF | 30 M 3 P | 45 TP | 5 MA | RLf， | CBS | AF 124 | 2N990 | 0 |
| XA143 | PG | ics | L04 | 30 V | iv |  | 10 MA | 850 | 120 MWF | 50N 3P | 45 TP | 5 MA | RLE | ces | AF 124 | 2N990 | 0 |
| XA151 | PG | oes | oes | 20 V | 15 V | 12 V |  | $65 C$ | GOMhF |  | 90 TP | 1 MA | RLG | CBS | OC44N | 2N2614 | 0 |
| X $\triangle 152$ | PG | CBS | 0 OS | 20 v | 16 | 12 V |  | 65 C | 60 NWF |  | 40 TP | 1 MA | RLC | oes | OC44N | 2N2614 | 0 |
| X $\times 161$ | Pú | T05 | 104 | 13 V | 12 V | 4 v | 20 MA | 85 C | 150 NWF | $20 \mathrm{M} \quad 2 \mathrm{P}$ | 501 P | 1 CMA | RLG | OBS | AF 124 | 2N990 | 0 |
| X $x_{1}$ ¢ ${ }^{2}$ | PG | Tos | 104 | 13 V | 12v | 4 V | 2 cma | 85C | 15 CmmF | 30N 2P | 5010 | 10 Na | RLG | CBS | AF124 | 2＾990 | 0 |
| X8102 | PG | OBS | L03 | 16 V | 12 V | 12 V |  | 55 C | SCNinf |  | $20 / 44$ | 1 MA | AL， | OBS | ACl 25 | 2N406 | 0 |
| X 8103 | PG | ors | LC3 | 16 V | 12 v | 12 V |  | 55 C | SCNMF |  | 45／100 | ina | ALC | OBS | AC125 | 2N406 | 0 |
| $\times \mathrm{xic} 4$ | PG | CBS | LC3 | 20 V | 16 V |  |  | 55C | gomwf |  | 4710 | 1 MA | ALC： | ORS | AC 125 | 21406 | 0 |
| X $\times 112$ | $P G$ | tCl | L02 | 15 V | 12 v | 12v |  | 55 C | GONWF |  | 20／44 | 1 ma | ALC | Cas | AC125 | 2N406 | 0 |
| XB113 | $P G$ | 101 | LC3 | 16 V | 12v | 12 V |  | 550 | GCNhF |  | 45／100 | 1 MA | ALC | CBS | AC125 | 21406 | 0 |
| xel14 | PG | ces | L03 | 20 V | 16. |  |  | 550 | SCMhF |  | 4719 | 1 mA | ALG | ces | AC125 | 2N406 | 0 |
| X 8121 | PG | CBS | 03s | 105 V | 105 v | 5 CV | 100 Na | 650 | SCMNF |  | GOTP | INA | ALH | OHS | OC77N | 2N11768 | 0 |
| $\times \mathrm{ClOL}$ | PG | ces | LO3 | 3 VV | 20 v | 12 V | 20 CNA | 750 | 165 NFF |  | $66 t P^{\text {P }}$ | ima | ang | CBS | AC128 | 2＾2706 | 0 |
| xC121 | PG | 101 | 102 | 35 V | $1 \in \mathrm{~V}$ | 12 V | 200 MA | 75 C | 250 MWF |  | 74 TP | 200NA | AMC | CES | AC128 | 2N270t | 0 |
| XC131 | PG | TC1 | LC2 | 35 v | 16 V | 12 V | 20 CMA | 756 | 25 CNHF |  | 7419 | 2CCNA | AMG | OHS | AC128 | 2N270t | 0 |
| $\times \mathrm{Cl} 141$ | PG | 103 | L05 | 40 V | 40 v | 12 V | 34 | 90 C | 65 nc |  | GOTP | TCCMA | AHG | 04S | AS216 | 2NIS3t | 0 |
| XC 142 | PG | 103 | LC5 | oov | 4 Cv | 12 v | 3 A | soc | 65 NC |  | GOTP | 7CCMA | AHG | OPS | AS＜1t | 2N1536 | 0 |
| XC155 | PG | 103 | LC5 | 80 V | 50 v | 60 v | 108 | 1006 | 5 CnC | 400 K | 20／50 | $4 \Delta$ | AHH | CAS | AS 215 | 2N1533 | c |
| xC15t | PG | 103 | LC5 | 10 cv | 65 v | 60 V | 1 CA | $100 C$ | 50 nc | 403k | $20 / 50$ | 4 A | AHG | CES | ASL16 | 2N153t | 0 |
| XC171 | PG | 101 | L04 | 26 V | $1 \in V$ | 6 V | 40 CMA | 75 C | 45 CNWF |  | 7219 | $4 C C N A$ | AMG | OES | AC128 | 2N2706 | 0 |
| xC73s | NS | 1018 | LC1 | 60 V | 40 v | 12 V | 1500 ma | 175 C | 4 mc | 14 | 15／75 | 2 CCMA | ANS | OBS | $55 \times 33$ | 2N731 | 0 |
| XC713 | NS | 105 | $1 \mathrm{CL}_{4}$ | 60 V | 40 v | 12 V | 150CNA | 1756 | WC | 1 M | 15／75 | 200 Na | ANS | CBS | BFY50 | 2＾2297 | 0 |
| xC123 | NS | IC3 | LC5 | 4 Cv | 40 v | 10 V | 6 A | 175 C | 37 hc |  | 10／50 | 50 cma | AHG | CES |  |  | c |
| X $\times 43$ | NS | 103 | L05 | 80 V | tov |  | 50 A | 2006 | 3 cowc | 2 N | $50 / 150$ | 10 A | AHH | T18 |  |  | 0 |
| XF43A | AS | TC3 | LC5 | 1 cov | B0V |  | CCA | 2 COC | 300 WC | 24 | $50 / 150$ | 108 | aht | Tİ |  |  | 0 |
| XP433 | ns | 103 | LC5 | 12 CV | 100 v |  | 60A | 20x | 300 NC | 24 | $5 \mathrm{c} / 150$ | 1 CA | aht | T13 |  |  | 0 |
| $\times 5101$ | $P_{G}$ | ces | ues | 20 V | 12 v |  |  | 750 | 90 MhF | 2N 1 CP | 19 Na | 100 Na | ANG， | CBS | OC139 |  | 0 |
| 2120 | $\wedge$ S | ics | LC4 | 2 Cv | 20 v | 5 v | 50 MA | 175 C | 35 CNWF | 70n 3 f | 15／156 | 1 CNA | ALG | FER | BFYSC | 2N2297 | 0 |
| 2121 | NS | 105 | LC4 | 20 V | 20 V | 6v | SONA | 175C | 35 cmmF | 70M 3P | 38／R2 | 1 CmA | ALG | FEE | BFYちC | 2N2277 | $\bigcirc$ |
| L122 | ns | 105 | LC4 | 45 V | 45 v | 6 v | 5 CNA | $175 C$ | 350Mnt | 70N 80 | 18／42 | IONA | ALC | FF3 | BFY5C | 2N2297 | 0 |
| ＜123 | ns | ros | LC4 | 45 v | 45 | 6V | 50 MA | 1750 | 350 NmF | 70M 8P | 38／8？ | 10MA | ALG | FEB | bFYjo | 2Nっ297 | 0 |
| 2124 | NS | 105 | 104 | 45 V | 45 v | 6 V | 50 mA | 175 C | 35 CNWF | TJN EP | 78／160 | lona | ALC | FER | BFYSC | 2N2297 | 0 |
| 1140 | as | T01E | LCl | 20 V | 20 V | ov | doma | 175 C | 30 CNWF | TON 3P | 12142 | 1 CNA | ALC | FER | ector | A157 | 0 |
| 2141 | NS | TC18 | LCl | 20 V | 20 V | 6 v | 50 MA | 175 C | 300 MNF | 70M 8 P | $38 / 82$ | 1 CMA | ALC | FES | 8C157 | 4157 | 0 |
| 2142 | ns | T018 | LC1 | 45 V | 45 v | 6 V | 5CNA | 1750 | 30 cmhF | 70N 8P | $18 / 42$ | 10 MA | ALG | FEE | EC 107 | A157 | 0 |
| 2143 | as | 1018 | LCL | 45 V | 45 v | sv | 50 ma | 1750 | 300 NWF | 70N EP | 38182 | 10NA | AL． 6 | FEB | dC107 | A157 | － |
| 2144 | NS | TCle | LCl | 45 V | 45 v | GV | 5 CMA | 1750 | 30 CNhF | 70N 3F | $78 / 160$ | 1 CNA | ALG | FEE | $3 \mathrm{Cl} \mathrm{S}^{\text {\％}}$ | 4157 | 0 |
| LItc | $n s$ | ics | LC4 | $25 v$ | 25 v | 4 V | 50CNA | 175C | EUONWF | 120 M 3P | 29／16） | lCNa | $A^{\prime \prime} \mathrm{C}$ ． | FFR | EfYbC | 212297 | 0 |
| LT61 | ns | IC5 | LC4 | 45 V | 35 v | $4 v$ | 50 cma | 1750 | 800Nat |  | 38／162 | 10 | $A^{N} \mathrm{C}$ | FFB | BFY，${ }^{\text {c }}$ | 2N2297 | ， |
| 2TEZ | Ns | IC5 | LC4 | 45 V | 35 v | 4 v | sccma | 1750 | 800 mmF | 12Jn 8 P | 751250 | 10NA | ANG | FEE | BFYSO | 2N2297 | c |
| 2163 | ns | IC， | LC4 | 67 V | 45 v | $5 \checkmark$ | $50 . \mathrm{Na}$ | 175C | EOCNmF | 120～3P | $38 / 85$ | 10 MA | AMG | FER | $B F Y>0$ | 2Nフ297 | － |
| 1164 | NS | ras | LC4 | 6 CV | $45 v$ | $5 v$ | 50 CmA | 1750 | EOCNWF | 120M 3P | 75／170 | 1 CNA | $A^{M} \mathrm{C}$ ． | FES | BFYSC | 2N2297 | － |
| 2166 | ns | 105 | LC4 | 100 V | 80 | $5 v$ | 50cna | 1756 | ع00mwf | 12JM EP | 38195 | 10NA | ant | FEB | ESw6t | 2N1893 | 0 |
| 2167 | as | 105 | 104 | 25 V | 25 v | $5 \vee$ | 50 cma | 1750 | gConnf | 12JN 8P | $75 / 250$ | 10MA | $A^{M} \mathrm{C}$ | FE 3 | BFYSO | 2N2297 | 0 |
| 2763 | NJ | ics | LC4 | 100 V | 80 V | $5 \vee$ | 500 ma | 1750 | 800 NmF | 220 N 8 F | 75／170 | icma | ANH | FER | BSWSo | 2N1893 | c |
| 2169 | NS | T05 | LC4 | 70 V | 70 V | $5 V$ | 500 Na | 175 C | 80 cmwF | 120 N 3 P | 75／250 | 1 CNA | AMG | FFE | 9FY5C | 2v2277 | 0 |
| 2730 | ns | 1018 | LCl | 25 v | 25 v | 4 V | SuCNA | 175 C | 300 MaF | 150 M 6P | 28／162 | ICNA | AMC． | FFB | $85 \times 33$ | 2N731 | 0 |
| 2T81 | NS | 1018 | LC 1 | 45 v | 35 v | $4 v$ | 50 CNa | 1750 | 300 mmF | 150 NeF | $38 / 1 \in 2$ | 10 Na | ang | FEE | 8S $\times 13$ | 20731 | － |
| L182 | ns | T018 | LCl | 45 V | 35 v | $4 v$ | 500 Na | 1750 | 300 MmF | 150\％3P | 75／250 | 10 MA | AMC， | FEH | B5 $\times 33$ | 2N731 | 0 |
| 2133 | NS | 1018 | LC1 | ocv | 45 V | $5 v$ | 500 ma | 175 C | 30 CWF | 150 N BP | 38／85 | 1 CMA | AMC． | FEP | BS× 33 | 2N731 | 0 |
| 2134 | vS | 1018 | 101 | 6 V | 45 v | 5 v | 500na | 1756 | 300 mmF | 150M 3P | 75／170 | 10NA | A MG | FEE | BS×33 | 2N731 | 0 |
| 2186 | ns | T018 | LCl | 1 cov | EOV | 5 V | S0CNA | 1756 | 300 MWF | 1504 8P | $35 / 85$ | 10 ma | $A^{M} \mathrm{H}$ | FES | BS $\times 1$ | 2N199C | 0 |
| 1187 | NS | 1018 | LCI | 25 V | 25 v | $4 v$ | 50 cma | 175C | 30 CrnF | 150N $\theta$ F | 75／250 | iona | $\triangle N G$ | FFE | BS× 31 | 2N731 | ， |
| 2198 | NS | 1018 | LCl | luov | gov | Sv | 500NA | 175 C | 300 MhF | 150N 8P | 75／170 | 1 CmA | AMH | FEE | B $5 \times 21$ | 2N1990 | $\bigcirc$ |
| 2199 | AS | T018 | LC1 | 70 V | 70 V | 5 V | SOCNA | 175 C | 300 MWF | $150 \mathrm{M} \mathrm{B}^{\text {P }}$ | 75／250 | 1 CNA | AMG | FEB | BS $\times 3$ | 2v731 | $\bigcirc$ |
| ＜170 | NS | 105 | 104 | 60 V | 60 v | 6 V | 1 A | 175 C | 1 m | GJM 150 | $60 / 200$ | 20 cma | ANG | FE3 | BFY5C | 2N2297 |  |
| 2591 | AS | r05 | L04 | 120 V | 100 v | 6V | $1 A$ | 1756 | 1 n | G0N 15P | $40 / 120$ | 200 MA | an | FEE | BSWbo | 2N1893 | 0 |
| 2192 | NS | 105 | LC4 | 12 CV | 10 cv | 6 V | 14 | 175 C | 1 n | GON 15 P | 65／200 | 2CCNA | AMH | FEP | 3SW66 | 2N1893 | 0 |
| 2193 | NS | 105 | 104 | 120 V | gov | Ev | 1 A | 175c | 1 in | GUM $15 P$ | 40／120 | 15cNa | ANH | FEB | BSN66 | 2N1893 | $\bigcirc$ |
| 2194 | AS | T05 | LC4 | 60 V | 45 v | 6 V | 1 A | 175C | 1 n | 60 M LhP | 30 MN | 2 CONa | AMC | FEB | BFYSC | 2N2297 | 0 |
| 2195 | AS | 105 | 104 | 60 V | 60 V | 6 V | 14 | 175 C | $1 \wedge$ | 60M 15P | 30／200 | 350 NA | $A^{\prime} \mathrm{G}$ | FES | BFY50 | 2N2297 | 0 |
| 21110 | NS | 1046 | 101 | 25 V | 25 v | $4 v$ | 500 MA | 175C | 30 CMmF | 150 N 15 P | 38／162 | 10 NA | $A^{M}$ | FER | BS×33 | 2N731 | c |
| 11111 | $\wedge S$ | T04t | LC1 | 45 V | 35 v | 4 v | 50 cma | 1750 | 30 CNWF | 150 M 15 P | 38／162 | 1 CNA | $A M \mathrm{C}$ | FEB | BS $\times 33$ | 2N731 | 0 |
| 25112 | NS | 1046 | L01 | 45 V | 35 v | 4 V | $5 C O N A$ | $175 C$ | 300 MmF | 150 M 15 P | 75／250 | $1 . \mathrm{CMA}$ | $A N G$ | FER | 8S $\times 33$ | 2N731 | ， |
| Z1113 | ns | T046 | 101 | 60 V | $45 v$ | 5 V | SUCNA | 1750 | 300 MWF | 150 N 15 P | 38／85 | 10 MA | ANG | FEQ | BS $\times 33$ | 2N731 | 0 |
| 21114 2T116 | ns | 1046 1646 | L01 | 60 V | 45 v | 5 V | 500 MA | 1750 | 300 NWF | 150 N 15 P | 75／170 | 10 MA | AMC | FEB | BS $\times 33$ | 2N731 | 0 |


| TRANSISTOR NUMBER | $\left[\left.\begin{array}{c} \mathrm{PM} \\ \mathrm{OA} \\ \mathrm{LT} \end{array} \right\rvert\,\right.$ | PACK- | $\left\|\begin{array}{c} \text { LEAD } \\ \text { INFO } \end{array}\right\|$ | $\begin{aligned} & \text { VCB } \\ & \text { MAX } \end{aligned}$ | $\begin{aligned} & \text { VCE } \\ & \text { MAX } \end{aligned}$ | $\begin{aligned} & \text { VEB } \\ & \text { MAX } \end{aligned}$ | $\underset{\text { max }}{c}$ | $\begin{gathered} \mathbf{T}_{J}^{J} \\ \text { MAX } \end{gathered}$ | тот | $\begin{array}{ll} F_{T} & C_{0 B} \\ \text { MIN } & \text { MA } \end{array}$ |  | $H_{\text {FE }}$ |  | USE | MFR | $\begin{aligned} & \text { EURO } \\ & \text { EQVT. } \end{aligned}$ | USA | ISS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 21117 | NS | 1046 | 101 | $25 v$ | 254 | 4 V | 500 MA | 1756 | 300 mHF | 150M 1 | $15 P$ | 75／250 | 10 MA | ang | FEB | 8S $\times 33$ | 31 | 0 |
| 21118 | NS | 1046 | LCl | 100 V | 804 | 5 v | 500 MA | $175 C$ | 30 CMWF | 150 N | 15 P | 75／170 | 10 MA | ANH | FEB | BS $\times 21$ | 2N1990R | 0 |
| 21119 | NS | 1046 | L01 | 70 V | 704 | 5 V | 580 MA | 175 C | 300 M | 150 M 1 | 15 P | 75／250 | 10 MA | AMH | FEB | $85 \times 33$ | 2N1990R | 0 |
| 21131 | NS | 1018 | LCl | 75 V | 55 | 3 v | 50 MA | 165C | 30 CM | 70 M 1 | 10P | 20 MN | 3 MA | AL 6 | FEB | BS $\times 33$ | 2N731 | 0 |
| 2T132 | NS | 1018 | 101 | 100 V | 754 | 3 v | Ora | 165 C | 30 | TJM 1 | 10 P | 20 mN | 3MA | AL | FEB | BSX21 | 2N199 | 0 |
| 21153 | pS | 1018 | 101 | 35 V | 354 | 25 V | 500 Ma | 1756 | 300 M | 30 M | 9 P | 50／200 | 10 ma | at $\in$ | FEB | BS $\times 39$ | ML | 0 |
| 21152 | PS | 1018 | LO1 | 20 V | 20 | 15 V | 500 MA | 1756 | 30 cm | 30 N | 9 P | 50／200 | 10 MA | ALG | FEB | BSY39 | NIL | 0 |
| 21180 | PS | 1018 | 101 | 25 V | 25. | 4 V | 500 Na | $175 C$ | 300 M | 150 M | 15 P | 38／162 | 10 MA | ${ }^{\text {AMG }}$ | FEB | BSW24 | 2N290 | 0 |
| 21181 | PS | 1018 | LO1 | 45 v | 35. | 4 V | 500 MA | 1756 | 300 | 150 M | 15 P | 83／162 | 10 Na | AMG | FEB | BSW24 | 2N2907A | 0 |
| 2T182 | PS | 1018 | LCl | 45 V | $35 v$ | 4 V | 500 ma | 175C | 300 | 150 M 1 | 158 | 75／250 | 10\％A | A | FEB | BSW24 | 2N2907A | 0 |
| 21183 | PS | T018 | L01 | 45 V | 455 | 4 V | M ${ }^{\text {A }}$ | 1750 | 300 N | 150 M 1 | 15P | 38／85 | 10 Ma | AMG | FEE | B SW24 | 2N | 0 |
| 21184 | PS | 1018 | LCl | 45 V | 45 V | 4 V | 500 MA | 175C | 30 CM | 150 M 1 | 159 | 75／170 | 1 Cma | AMG | FEB | BSW24 | 2N2907A |  |
| 25187 | Ps | 1018 | LO1 | 25 V | 25 | 4 V | $5 C O M A$ | 175C | 300 | 150 M 1 | 15 P | $75 / 250$ | 10 MA | $A^{\text {A G }}$ G | FEB | ${ }^{\text {B S W } 24}$ | 2N 29 | 0 |
| 21189 | PS | 1018 | LCl | 70 V | 70. | 4 v | 200NA | 1750 | 30 | 150M | 159 | $75 / 250$ | 10 MA | ANG | FEB | BSW24 | 2N2907 | 0 |
| 21190 | 15 | 1018 | 101 | 20 V | 15 V | 5 V | 20 mA | 1750 | 30 | 300N | OP | 50／200 | 10＂ | RL | Feb | BSW64 | 2N2 | 0 |
| 21191 | NS | 1018 | 101 | 20 V |  | 5 V | M ${ }^{\text {a }}$ | 175 C | 30 cmhF | 300 N | 10 P | 35 TP | 10 Ma | ， | FEE | B SH64 | 2N | 0 |
| 21192 | $\wedge$ | TC18 | LC1 | 40 V | 20 | 5 v | 200ma | 175 C | 300 NWF | 300 M | 10 P | 38／120 | $1{ }^{\text {cma }}$ | RL | FEB | BSW64 | 2N22224 | 0 |
| 2T193 | NS | 1018 | LOL | V | 20 | 5 V | 200MA | 1756 | 300 | 3004 | 10 P | 75／200 | 10 Ma | KLG | FEB | BSW64 | 2N222 | 0 |
| 2T202 | NS | 105 | 104 | 30 V | 204 | 5 V | 50 M | 175C | 30 | 70 | 8 P | 18 mN | 10 MA | ALG | FEB | 8FY5 | 2N2297 | 0 |
| 21202P | $n s$ | T05 | LC4 | 30 V | 204 | 4 V | 500 ma | 1756 | 300 | 70 N |  | 18 MN | 10 MA | AMG | FEB | bFY50 | 2N？ 297 | 0 |
| 212C3 | NS | 105 |  | 30 V |  | 5 V | 50 NA | 175 | 300 MwF | 70M | ${ }^{8 p}$ | 38 mA | 10 Na | ALG | FEE | BFY50 | 2N2297 | 0 |
| 212038 | As | 105 | LC4 | 30 V | 204 | 4 V | 500 NA | 1750 | 30 | 70 M | ${ }^{8 P}$ | 38 M | 10 NA | AMG | FEB | BFY50 | 2N2297 | 0 |
| LT204 | As | 105 | LO | 30 V | 20 V | 5 V | 50 ma | 1756 | 300 | 70 M | 8 P | 78 mN | $10^{\prime M} \mathrm{MA}$ | ALG | FEB | BFY50 | 2N2297 | 0 |
| 212048 | NS | 105 | 104 | 3 CV | 204 | 4 V | 500 MA | 175 C | 300 MhF | 70 N | ${ }_{8}^{8 P}$ | 78 NN | 10 MA | AMG | FEB | BFY | 2N2297 | 0 |
| 21210 | PS | 105 | 104 | V | ， | 7 V | 1 A | 175 C | 1 lm | 60N 2 | 20 P | 20／100 | 150 NA | AMG | FEB | bFS95 | 2N4036 | 0 |
| 2T211 | PS | 105 | 104 | 90 V | 65 V | 7 | 14 | 175 | 1 hF | 60 M | CP | $4 \mathrm{c} / 120$ | 15 cma | ang | Feb | BFS95 | N 4030 | 0 |
| 21280 | PS | 1046 | L01 | $25 v$ | 25v | 4 V | OONA | 1756 | OMnF | 150 M | 15 P | 38／162 | 10 NA | ANG | FER | BSW24 | 2N2907 |  |
| 21281 | PS | 1946 | L01 | 45 V | 35 v | 4 V | 500 MA | 1756 | 300 NWF | 150 M | 15P | 83／162 | 10 Na | AMG | FEB | 8SW24 | 2N2907 |  |
| 21282 | ps | 1046 | L01 | 45 v | 35 V | 4 V | 500 ma | 175C | 30 | 150 N | 15 P | 75／250 | 1 CMA | ANG | feb | BSW24 | 2N2907 | 0 |
| 21283 | PS | 1046 | 101 | 45 V | $45 v$ | 4 V | $5 C 0 \mathrm{ma}$ | 175 C | 30 | 150 N | 15 P | 38／85 | ICMA | amg | FEB | BSW24 | 2N2907 | 0 |
| て | PS | TC4 | L01 | 45 V | 45 V | 4 V |  | 1750 | 300 NWF | 150 M | 15 P | 75／170 | ona | arc | FEB | BSW2 | 074 |  |
| 21287 | PS | 1046 | L01 | 25 V | 25. | 4 V | 500 m | 1756 | 30 | 150N | 15 P | 75／250 | 10 MA | ANG | FEB | BSW24 | 2N2907A |  |
| 21402 | $\wedge$ | 18 | LOL | 30 V | 204 | 5 V | 50 MA | 175C | 300 NmF | 73 N | 8 P | 18 N | 10 MA | Al G | FEE | BC107 | ${ }^{\text {a } 157}$ | 0 |
| 21402p | NS | IC18 | LCl | 30 V | 204 | 4 v | 50 cma | 175C | 30 CNWF | 70 M | P | 18 mN | 10 ma | AMG | FEB | $85 \times 33$ | $2 \mathrm{NT31}$ | 0 |
| 2 T 403 | NS | 1018 | $1 \mathrm{CL}^{4}$ | 30 V | － | 5 V | Sor | 1750 | 30 CMmF | 70 M |  | 38 NN | 10 ma | ALG | FER | B6 107 | A157 | 0 |
| 214 | $n$ | TC18 | LCI | 30 V |  | 4 V | 500MA | 175 | 300 NWF | ON | ${ }^{8 P}$ | 38 M | ONA | AMG | FEB | $85 \times 3$ | 2N731 | 0 |
| 27404 | NS | 1018 | 104 | 30 V | 20 | 5 v | 50 MA | 1756 | 300 | 70 N | 8 P | 78 mN | 10 NA | AlG | FEE | BC10 | A157 | 0 |
| 21404P | NS | T018 | 104 | 30 V | 204 | 4 V | 500 NA | 175 C | 300 M | 70 N | $8{ }^{88}$ | 78 MN | 10 MA | AMG | FEB | $85 \times 33$ | 2N731 | 0 |
| 21600 | $n \mathrm{~S}$ | 105 | LC1 | 24 V | 204 | 5 V | 14 | 1750 | 800NWF | 250 M 1 | 12 P | 50／150 | 15CNA | RME | FES | BSW54 | 2N2219 | 0 |
| 27696 | NS | tos | 104 | 60 V | 4 Cy | 5 v | 500 ma | 1756 | 600 | 40 M 3 | 30 P | 20／60 | 15 cma | ANG | FE8 | bFY5 | 2N2297 | 0 |
| 97 | Ns | 105 | L0 |  |  | 5 v | 500 mA | 175 | 50 | 50 M | 30 P | 40／120 | 150 Na | amg | feg | BFY50 | 2N2297 | 0 |
| 21706 | NS | TC18 | LCl | 25 V | 204 | $3 v$ | 200 MA | 1756 | 300 MnF | 200 N | 10 P | 20 NN | $10^{\prime N A}$ | ALG | FEB | 35x3 | 2N731 | 0 |
| 21706A | NS | 5018 | LC 1 | 25 V | 204 | 5 v | 200 Na | 175 C | 30 CMmF | 200M 1 | 10P | 20160 | 10 MA | ALG | FE，${ }^{\text {e }}$ | B5×33 | 2N731 | 0 |
| 21708 | ns | T018 | LC1 | 40 V | 20. | 5 v | 200 N | 175C | 360 MWF | 30 m | 10 P | 30／170 | 10 NA | AL 6 | FER | BS×33 | 2N731 | 0 |
| 25709 | ns | 1018 | 101 | 15 V | cv | 4 V | 200 M | 1756 | 300 NiNF | 600M |  | 20／120 | 10Na | VLS | FEB | $85 \times 20$ | 2N236 | 0 |
| 211479 | NS | 105 |  | 60 V | 40 V | 12 V | 150 | 2004 | 5 nc | 1 M |  | 0／60 | ${ }^{\sim}$ | $\Delta M G$ | FEE | BFY50 | 2N2297 | c |
| 211480 | ns | 105 | LC4 | 100 V | 554 | 12 V | 1500 NA | 200 C | 5 WC | 1 M |  | $20 / 60$ | 20 CMA | AMH | FER | BSW6t | 2V1893 | 0 |
| 211481 | NS | to5 | L04 | 60 V | 404 | 12 v | 1500 mA | 2006 | 5 wc | $1{ }^{\text {M }}$ |  | 35／100 | 20 CMA | ANG | FEB | bFYj0 | 2Nフ297 | 0 |
| 2T1482 | ns | 105 | LC4 | 100 V | 55 V | 12 V | 1500¢a | 2006 | kc | $1{ }^{\text {N }}$ |  | 35／100 | 200 MA | ANH | Fee | BSW66 | 2N1893 | 0 |
| 211483 | as | 105 | 104 | 6 CV | 40 V | 12 V | 3 A | 2006 | 25wC | $1 \times$ |  | 20160 | 750 MA | AHG | 明 | BSV6 | 2 N 48 | 0 |
| 211484 | Ns | 105 | LC4 | 100 V |  | 12 V | 3 A | 2000 | 25 hc | ${ }^{*}$ |  | $20 / 60$ | cma | AHG | feb | BSva | 2N4877 | 0 |
| 211485 | ns | 105 | LC4 | 60 V | 404 | 12 V | A | 200 C | 25 WC | 1 M |  | 35／100 | 75 cma | ahg | FFB | BSV64 | 2N4877 | 0 |
| 211486 | ns | 105 | LC4 | 100 V | 554 | 12 V | 34 | 2006 | 25 WC | 1 M |  | 35／100 | 750 MA | AHG | FEB | BSV64 | 2N4977 | 0 |
| 211487 | NS | 105 | LC4 | 60 V | 404 | 12 V | $6 \Delta$ | 2006 | 7 ckC | in |  | 15／45 | 1500 ${ }^{\text {m }}$ | AHG | feg | BSV64 | 2N4877 | c |
| 211488 | ns | 105 | $1 \mathrm{LC}_{4}$ | 10 cV | 554 | 12 V | 64 | 00 | 70 WC | 1 M |  | 15／4 | 1500 MA | AHG | FEB | B SV | 2N4877 | c |
| 211489 | NS | 105 | 104 | 60 V | 40 | 12 V | A | 2000 |  | 1 M |  | 5／75 | $15 \operatorname{cona}$ | aHe | FEB | BSV64 | 2N4877 | 0 |
| 211490 | ns | 105 | LC4 | 1 cov |  | 12 V | 60 | 2006 | 7 CWC | 14 |  | 25175 | 1500 Na | AHG | FEB | BSV64 | 2N4877 | 0 |
| 2T1702 | $n$ | 103 | L05 | 6 CV | 40 | 6 v | 54 | 2 coc | 75 WC | 300 K |  | 15／60 | 800 Mw | AHG | FE | BCY20 | 2N305 | 0 |
| 211711 | NS | TC5 | L0 | 5v | 30， |  | 14 | 2006 | 800 NhF | 70 N | 2ヶf | 100 mN | 150 NA | ANG | FEE | BFY5C | 2297 | 0 |
| 211613 | NS | 105 | L04 | 75 V | 30 | 7 V | 500 Na | 200 C | 8 CCMmF | 60 N | 259 | 40／120 | 150NA | AMG | FEB | 0 | 2N2297 |  |
| 271700 | as | 105 | LC4 | 60 V | 404 | 6 V | 14 | 200 c | 5 wC | 40 M 2 | 20 | 20180 | 100 Ms | $\mathrm{A}^{\text {a }}$ e | feb | bFY50 | 2N2297 |  |
| 211701 | NS | 108 | 412 | cov | 40 |  | 2500 NA | 2006 | 5nc | 500k |  | 20／80 | 300 MA | AHG | FEE | 2T1486 | 2N1486 | 0 |
| 211708 | as | 1046 | 101 | 25 V | 204 | 3 V | 200 ma | 1756 | 300 NWF | 200N | 6 P | 40／120 | 10 MA | VLS | FEB | BS 20 | 2N2369 | 0 |
| 212015 | ns | T036 | L13 | 100 V | 5 | 10 V | 1 CA | 200 C | 150 WC | 500 k |  | 15／50 | 5 A | AHG | FEB | 2T2016 | 2N2016 | 0 |
| 252016 | NS | T036 | 113 | 130 V | 654 | 19 V | 10 A | 2000 | 15 cmC | OK |  | 15／50 | 54 | AHG | FE8 | 272316 | 2N2016 |  |
| 2T2102 | ns | IC5 | 104 | 12 CV | 60 | 7 | 1 A | 1756 | 16 | 60 m |  | 40／120 | 10 Ma | ANH | FFB | RSn66 | $2 \mathrm{N1893}$ | 0 |
| 152205 | NS | 1018 | LCI | 25 V | 124 | 3 v | 200MA | 1756 | 30 CMFF | 200 N | 6 P | 40／120 | 10 Na | RLS | FEE | BSx20 | 2N2369 | 0 |
| 212206 | NS | 1046 | L01 | 25 V | 124 | 3 v | 200 mA | 1750 | 30 CMwF | 200 N | 6 P | 40／120 | $1 \mathrm{CNA}^{\text {a }}$ | RLS | FEB | B5×20 | 2N2369 |  |
| 212270 | ns | T05 | LC4 | 6 CV | 454 | 76 | 1 A | 200C | 1w | 60 M |  | 50／2n0 | 15 CNa | AMG | FES | BFY30 | 2N2297 | 0 |
| 2T2368 | NS | 1018 | LCI | 40 V | 154 | 4 v | 500 MA |  | 360 Mm | 400 M | 4 P | 20／60 | 1 CMA | VLS | FE3 | $85 \times 20$ | 2 N | 0 |
| 212369 | $n s$ | 1018 | LO1 | 40 V | 154 | 4 V | 500 ma |  | 360 NWF | 400N | 4 P | $4 \mathrm{C} / 120$ | 10 Na | VLS | FEB | BS $\times 20$ | 2N2369 | 0 |
| 2123654 | NS | 1018 | LC1 | 40 V | 154 | 4 V | 500 ma |  | 360 NWF | 500 N | 4 P | 40／120 | 10 NA | VLS | FEE | BS $\times 20$ | 2N2369 | 0 |
| 212475 | NS | 1918 | CCl | 15 V | 64 | 4 V | 200 ma | 175 C | 500 MwF | 600M | 3 P | $30 / 150$ | 20 Na | ULS | FE | BS $\times 20$ | 2 N 2369 | 0 |
| 212476 | ns | T05 | LC1 | 60 V | 20y | 5 V | 50 CNA | 175 C | 600 MWF | 250 M | 109 | 20 MN | 15 cma | RMS | FEB | 8SW54 | 2N2219 | 0 |
| 212477 | NS | 105 | 104 | 60 V | 204 | 5 v | 500 mA | 1750 | 600 NWF | 250 M | OP | 40 MN | 150 NA | RNS | FEB | BSW54 | 2NZ 219 | 0 |
| 212708 | ns | T012 | 106 | 35 V | 204 | 3 V | 50 Na | 175C | 200 NhF | 700 N | 1 P | 30／200 | $2^{2 N}$ | VLA | FEE | BF×73 | 2 N 918 | 0 |
| 212857 | $\wedge$ | 1072 | 106 | 30 V | $15 y$ | 2 V | 4 CMA | 1756 | 20 CNWF | 1000M | 1 P | 50 MN | 2 Na | Ula | FEB | BFY9C | 2N2857 | c |
| ＜12938 | NS | 1018 | LC1 | 25 V | 134 | 5 V | 500 ma | 175 C | 300MhF | 500 M | 4 P | 10／60 | 200 ma | VLS | FE | BSX20 | 2N2369 |  |
| 213420 | As | T05 | ［104 | V | $60 y$ | $8 v$ $8 v$ | 3 A | 2006 | IWF | 40 M | 0 P | $40 / 120$ $40 / 120$ | 14 | A | FEB | BSV64 | $2 N 4877$ $2 N 4977$ | O |
| 213421 | ns | tos | L0 | 25v | 80 | 8 V | $3{ }^{\text {a }}$ | 006 | IWF |  |  |  |  |  |  |  |  |  |



| TRANSISTOR | $\left\|\begin{array}{c} \text { PM } \\ \text { OA } \\ \text { LT } \end{array}\right\|$ | PACK- | $\left.\begin{array}{\|l\|l\|} \hline \text { LEAD } \\ \text { INFO } \end{array} \right\rvert\,$ | $\begin{aligned} & \text { VCB } \\ & \text { MAX } \end{aligned}$ | $\begin{aligned} & \text { VCE } \\ & \text { MAX } \end{aligned}$ | $\begin{aligned} & \text { VEB } \\ & \text { MAX } \end{aligned}$ | $\stackrel{{ }_{\text {IAX }}^{c}}{\text { ( }}$ | $\stackrel{T}{\mathrm{JAXX}}$ | тот | $\begin{array}{ll} F & C_{0 B} \\ \text { MIN } & \text { MAX } \end{array}$ | $\mathbf{H E}_{\text {FE }}$ | $\begin{gathered} \mathrm{H}_{\mathrm{FE}} \\ \text { BIAS } \end{gathered}$ | USE | MFB | EURO EQVT. | $\begin{aligned} & \text { USA } \\ & \text { EQVT. } \end{aligned}$ | ISS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2 TX 214 K | PS | X11 | 124 | 45 V | 30 V | $5 v$ | 200MA | 175 C | 500 MWF | 200M 1CP | 140 NN | MA | ALN | FEE | BC309 | 2N600 | 0 |
| 2Tx214L | PS | $\times 11$ | 125 | 45 V | 30 V | 5 V | 200mA | 175 C | 500 MWF | 200M 10P | 140 NN | 2 MA | ALA | FEE | BC 309 | 2N6003 | 0 |
| 119214N | PS | $\times 11$ | 126 | 45 V | 30 V | 5 V | 200ma | 175 C | 500 NWF | 200M 10P | 140 mN | 2 Na | ALN | FFB | BC3528 | 2N3906 | 0 |
| 219214B | PS | $\times 11$ | L23 | 45 V | 30 V | 5 v | 200mA | $175 C$ | 50 CNWF | 200N 10 P | 200 MN | 2 MA | ALN | FEE | BC3528 | 2N3906 | 0 |
| 21×214BK | PS | $\times 11$ | L24 | 45 V | 30 v | 5 v | 200mA | 175 C | 50 CMWF | 200N 20 P | 200 ma | 2 MA | ALN | FEB | BC 309 | 2N6003 | 0 |
| $2 T \times 214 \mathrm{BL}$ | PS | $\times 11$ | 125 | 45 | 3 CV | 5 V | 200 MA | 175 C | 500 N | 200M 10 P | 200 Ma | 2 NA | ALN | FEB | BC 309 | 2N60 | 0 |
| 219214BM | Ps | $\times 11$ | L26 | 45 V | V | 5 V | 00M | $175 C$ | 50 cm | 200N 10P | 200 n | 2NA | ALN | FEP | BC35 28 | 2N3906 | 0 |
| ＜1×214C | PS | $\times 11$ | L23 | 45 V | 30 V | 5 V | 2cona | 175C | 500 mm | 200N 10P | 350 N | 2 MA | ALN | FEE | BC3528 | 2N390t | c |
| 21x214CK | PS | $\times 11$ | 124 | 45 V | 30 v | 5 V | 20cma | 175C | 50 CNFF | 200M 10P | 350 MN | 2NA | AL $N$ | FFB | $3 C 309$ | 2， 21003 | 0 |
| 2Tx214CL | PS | $\times 11$ | L25 | 45 V | 30 v | 5 v | 200MA | 175 C | 500 MWF | 200M 10 P | 350 NN | 2NA | ALN | FFB | BC30s | 2N6003 | 0 |
| 210214 ${ }^{\text {M }}$ | PS | $\times 11$ | L2t | 45 V | 30 V | sv | 200ma | 175 C | 500 NWF | 200N 1CP | 350 mN | 2 Ma | ALA | FER | BC3ヶ28 | 2N3906 | c |
| 2rx223 | NS | $\times 11$ | L23 | 5 CV | 30 v | 5 V | 400 ma | 175 C | 50 CNHF | 100 12 P | 100 NN | 5 CNA | $\Delta N G$ | FEE | BC 387 | 2N4401 | 0 |
| 210223k | NS | $\times 11$ | L24 | 50 V | 30 V | 5 V | 400 ma | 175C | 500 | 100 12 P | 100 NN | 5 CNA | AMG | FEE | BC 338 | 2N5818 | 0 |
| 2192231 | AS | $\times 11$ | 125 | sov | 30 V | 5 | 400 ma | 1750 | 500 MmF | 100M 12P | 100 mN | 5 CMA | AMG | FEB | AC338 | 2N5818 | 0 |
| 21×223M | ns | $\times 11$ | 126 | 50 V | 30 V | Sv | 400 mA | 175 C | 500 mFF | 1004 12P | 100 mN | 50 Na | $A^{\prime} \mathrm{G}$ | FFB | BC 387 | 2N4401 | 0 |
| 21x223A | ns | $\times 11$ | L23 | 50 V | 30 V | 5 V | 400ma | 175C | 500 NWF | 100N 12P | 100 mN | 50 Na | $A^{M} G$ | FEB | －C387 | 2N4401 | 0 |
| 219223AK | NS | $\times 11$ | L24 | 50 V | 30 V | $5 v$ | 40 CMA | $175 C$ | 50 CNhF | 100N 12F | 100 NN | 5 CMA | AMG | FER | BC338 | 2N5818 | 0 |
| 2Tx223AL | NS | $\times 11$ | 125 | 50 V | 30 V | 5 v | GOONA | 175C | 50 CMmF | 100M 12 P | 100 mN | 5 CMA | ANG | FEE | HC 338 | 2N5818 | 0 |
| Z1×223AM | ns | $\times 11$ | 126 | 20V | 30 V | 5 v | 40 CMA | 175 C | 500 MwF | 100M 12P | $100 M \mathrm{~N}$ | 50 MA | AME | FER | BC 387 | 2N4401 | 0 |
| 2T×2738k | ns | $\times 11$ | L24 | 50 V | 30 V | 5 V | 400 ma | 175 | 500 NmF | 100M 12P | 200m | 50 MA | ANG | FE3 | BC3 38 | 2N5818 | 0 |
| 2192233 | NS | $\times 11$ | くご | 53 V | 30 V | $5 V$ | 400～a | 175C | 500 | 100 12P | 200m | S0NA | AMG， | FEE | BC387 | 2N4401 | c |
| 21x2238L | $\wedge S$ | $\times 11$ | L25 | 5 CV | $30 \cdot$ | 5 V | 400 Na | 1756 | 50 CNWF | 100M 12 P | 200mN | 5 CNA | AMG | FEB | BC387 | 2N4401 | 0 |
| ＜Tx223BM | NS | $\times 11$ | 126 | 50 V | 30 V | 5 v | 400 ma | 175 C | 500 MWF | 1004 12P | 2004N | 5 CNA | ANE | FER | BC． 338 | 2N5818 | 0 |
| 2T×237 | ns | $\times 11$ | Liz | 50 V | 45 v | 6 v | loona | 1250 | 300 MhF | 1hom 5F | 110 NN | 2NA | ALG | FES | BC 347 A | 2N3903 | 0 |
| 21×237L | As | $\times 11$ | 125 | 50 V | 45 v | sv | 100ma | 1250 | 300 Ninf | 150N 5P | 110 mN | 2MA | AL C | FER | BC237 | 2N5825 | 0 |
| 2192374 | NS | $\times 11$ | 123 | 50 V | 45 V | $t \cdot$ | 100 Na | 125 C | 3 COMnF | 150M 5P | l10．nn | 2 MA | ALG | FFE | BC 347 A | 2N3903 | 0 |
| 21×237AL | AS | $\times 11$ | L25 | 50 V | 45 V | 6 v | l0CNA | 125C | 300 MwF | 150M 5P | 110 mN | 2 MA | AL．C | FES | 8C237 | 2N5825 | 0 |
| 2182378 | ns | $\times 11$ | 123 | SCV | 45 V | 6 V | 100m4 | 1250 | 300 NWF | lכOM 5P | $2 C O M N$ | 2NA | ALG | MLB | BC 347A | 2 N3903 | 0 |
| 2Tx237BL | NS | $\times 11$ | 125 | 50 V | 45 v | 6 V | 100 ma | 1256 | 30 CMnF | 15）N $5 P$ | 200 NN | 2 Na | ALG | FEQ | iC 237 | 2N5825 | 0 |
| $21 \times 238$ | AS | $\times 11$ | Lz3 | 30 V | 20 v | 5 V | loona | 1256 | 300 NWF | 150N SP | 110 NN | 2NA | ALG | FEQ | BC347A | 2N3903 | c |
| 2Tx 23 BL | NS | $\times 11$ | L25 | 30 V | 2 Cv | $5 v$ | l00 ma | 125 C | 300 MhF | 150M 5P | 110 ma | 2Na | ALC | FFB | HC 237 | 2N5825 | 0 |
| $\angle 1 \times 2384$ | ns | $\times 11$ | 123 | 30 V | 20 V | $5 v$ | locna | 125 C | 300 MwF | 150M 5P | 110 MN | 2NA | AlG | FFB | EC 3474 | 2N3903 | 0 |
| 2T×239AL | AS | $\times 11$ | L25 | 30 V | 20 v | 5 | logma | 1250 | 300 NFF | 150N 5P | 110 mN | 2 NA | AL C | FEB | BC237 | 2N5R25 | 0 |
| くT×238日 | NS | $\times 11$ | 123 | 30 V | 20 V | 51 | 100 ma | 125C | 30 CMnF | 150N SP | 200 nv | 2 MA | alg | fee | BC 3478 | $2 N 3903$ | 0 |
| 21×2383L | NS | $\times 11$ | 125 | 30 V | 204 | 5 V | 100 ma | 125C | 30 cmin | 150M 5P | 200m | 2MA | ALG | FEB | BC 237 | 2N5825 | 0 |
| 21×2380 | AS | $\times 11$ | 123 | 30 V | 20 V | 5 V | 100～a | 1250 | 300 NFF | 150M 5P | 420 ma | 2NA | ALA | FEA | BC 34 SC | 2N3904 | 0 |
| 2Tx238CL | NS | $\times 11$ | 125 | 30 V | 20 V | 5 V | 100na | $125 C$ | 300 MhF | 150N 5P | 427 NN | Na | ALG | FEE | BC239 | 2N5827 | 0 |
| 21×239 | As | $\times 11$ | L23 | 30 V | 20 V | 5 V | locna | 125 | 300 MNF | 150N 5P | 200m | 2MA | alN | FEM | BC349C | 2N3904 | c |
| 219239 | NS | $\times 11$ | L23 | 30 V | 2 CV | 5 V | 10CmA | 125C | 3 CCNWF | 150 N 5 P | 200m | 2 MA | ALN | fer | BC345C | 2N3904 | 0 |
| 15×2392 | As | $\times 11$ | L＜5 | 30 V | 20 v | 5 V | ISOMA | 125C | 30 CMmF | 150 M SP | 200 mN | 2 MA | ALN | FEA | BC 239 | 2N5827 | 0 |
| 2192398 | NS | $\times 11$ | 123 | 30 V | 2 CV | 5 v | 1 COMA | $125 C$ | 300 Ninf | 150M $5 P$ | 200ma | 2NA | AL＾ | FFB | EC349C | 2N3904 | 0 |
| $21 \times 2398 \mathrm{~L}$ | NS | $\times 11$ | 125 | 3 Cv | 70 V | 5 v | 100 MA | 125 C | 30 CNHF | 15JN 5P | 200nn | 2NA | ALN | FFP | BC 239 | 2N5827 | 0 |
| 21×2390 | NS | $\times 11$ | L＜3 | 30 V | 20 V | 5 V | 100NA | 125 C | 30 CMmF | 150N 5F | 420 Nm | 2NA | AL N | ffe | BC349C | 2N3904 | $\checkmark$ |
| $21 \times 239 \mathrm{CL}$ | AS | $\times 11$ | 125 | 3 cv | 20 V | 5 V | 100 Na | 125C | 300 MFF | 150M 5P | 420 MN | 2Na | ALN | FEA | BC239 | 2N5927 | c |
| $21 \times 300$ | NS | $\times 11$ | 123 | 25 V | 25 v | 5 v | 500ma | 125C | 300 MWF | 15．） 12 P | $50 / 300$ | 1 CNA | ANG | FFB | BC 337 | 2N4401 | 0 |
| LIX300K | AS | $\times 11$ | L24 | 25 V | 25 v | 5 V | ¢coma | 125 | $3 C O N \mathrm{nF}$ | 150N 12P | 5C／300 | 10 Ma | AMG | FEB | BC387 | 2N4401 | c |
| $21 \times 3000$ | NS | $\times 11$ | L25 | 25 v | 25 V | 5 V | 50 CMA | 125 C | 30 CNHF | 150 N 12 P | 50／300 | $1 \mathrm{CMA}^{\text {ma }}$ | AMG | FEP | EC 387 | 2N4401 | c |
| $21 \times 3004$ | NS | $\times 11$ | L26 | 25 V | 25 v | 5 V | 500～A | 125C | 3.0 MmF | 153M12P | 53／300 | 10 MA | ANG | FEE | BC337 | 2N4401 | 0 |
| 21x3Cl | AS | $\times 11$ | 123 | 35 V | 35 v | 5 | 500NA | 125 C | 300 NWF | 150 12P | $50 / 300$ | 1CNA | AMG | FEB | 8C387 | 2N4401 | 0 |
| 27x301k | ns | $\times 11$ | L24 | 35 V | 35 v | 5 v | 500ma | 125 C | 300NaF | 150M 12P | $50 / 300$ | 10NA | $A^{\prime N} \mathrm{C}$ | FEB | BC 387 | 2N4401 | 0 |
| 2103012 | is | $\times 11$ | L25 | 35 V | 35 V | 5 v | 5cona | 125C | 3 CCMhF | L50N 12P | 50／300 | 10Na | AMG | FEE | BC387 | 2N4401 | 0 |
| 219301N | AS | $\times 11$ | L26 | 35 v | 35 v | 5 V | 500MA | 125 C | 30 CNWF | 150M 12 P | 50／300 | LCNA | AMC | FES | 3C387 | 2N4401 | c |
| $2 \mathrm{~T} \times 3 \mathrm{C}$ | NS | $\times 11$ | L23 | 35 V | 35 v | 5 V | SCONA | 1256 | 300 MmF | 150M 12P | 100 ma | 1 CMA | Ang | FEE | BC 387 | 2N4401 | 0 |
| 27x302k | ns | $\times 11$ | 124 | 35 V | 35 v | 5 V | bocka | 125 | 300 mWF | 15JM 12 P | 100 ma | 10NA | ANG | FES | BC 387 | 2N4401 | 0 |
| LJ×302L | ns | $\times 11$ | L 25 | 35 V | 35 V | 5 V | 500ma | 1250 | 300 NWF | 150N 12 P | 10 mN | 10Na | AMG | FES | BC387 | 2N4401 | 0 |
| 219302M | NS | $\times 11$ | L＜6 | 35 V | 35 v | 5 v ． | scoma | 125 C | 30 cmmF | 150 12F | 100 m | lcra | AMG， | FEE | BC 387 | 2N4401 | 0 |
| $21 \times 3 C 3$ | AS | $\times 11$ | 123 | 45 V | 45 v | 5 v | 500 NA | 1250 | 300 MWF | 150M 12P | $50 / 300$ | 1cma | AMG | FEB | BC387 | 2N4401 | $\bigcirc$ |
| 2T×303k | As | $\times 11$ | L24 | 45 v | 45 v | 5 V | 500 MA | 1250 | 300 NWF | 150M 12P | $50 / 300$ | 10NA | $A N G$ | FES | BC 387 | 2N4401 | c |
| 21×303L | NS | $\times 11$ | L25 | 45 V | 45 V | 5 V | 500MA | $125 C$ | 30 CMmF | 15JN 12 P | 50／200 | 10NA | ANG | FEE | BC 387 | 2N4401 | 0 |
| $21 \times 303 \mathrm{M}$ | as | $\times 11$ | 126 | 45 V | 4 sv | 5 V | $5 C 0 N \mathrm{Na}$ | 1250 | 30 CMnF | 150N 12 P | 50／300 | 10MA | AMG， | FFe | BC337 | 2N4401 | 0 |
| $21 \times 304$ | NS | $\times 11$ | 123 | 70 V | $70 v$ | 5 V | 500～A | 125 C | 30 CMnF | 150M 12 P | 50／300 | icna | ANH | FEQ | उC 387 | 2N4401 | 0 |
| 219304k | AS | $\times 11$ | 124 | 70 V | 70 V | 5 V | 50 cma | 125 C | 300 MWF | 150M 12P | 50／300 | 10NA | AMH | FEB | BC357 | 2N4401 | 0 |
| 2Tx304L | As | $\times 11$ | L25 | 70 V | 70 V | 51 | 500ma | 125 C | 300 MaF | 150M 12P | $50 / 300$ | 10 MA | AMH | FEB | BC387 | 2N4401 | 0 |
| LT×304M | NS | $\times 11$ | L26 | 70 V | 70 V | 5 V | 500 mA | $125 C$ | 30 CNWF | 150 N 12P | $5 \mathrm{C} / 300$ | 10 MA | ANH | FFe | BC 387 | 2N4401 | 0 |
| 21×310 | NS | $\times 11$ | 123 | 20 V | 20 v | 3 V | 20cna | 125 C | 300 MinF | 200N 6P | 20NN | 1 CMA | RLS | FER | BS $\times 20$ | 2N2369 | 0 |
| LTx3160 | NS | $\times 11$ | 124 | 20 V | 20 V | 3 v | 20cma | 1256 | 300 MaF | 200M 6P | 2041 | 1 CNA | RLS | FES | BS $\times 20$ | 2N2369 | 0 |
| 21×3101 | AS | $\times 11$ | L25 | 20 V | 20 V | 3 V | 20cma | 1256 | 300 MnF | 200～6P | 20 mN | 10NA | RLS | FEB | 35 $\times 20$ | 2N236s | 0 |
| 2193109 | ns | $\times 11$ | 126 | 20 V | 20 V | 3 V | 200ms | 1256 | 300 MWF | 200N 6P | 20MN | lona | RLS | FEB | 8S $\times 20$ | 2N2369 | 0 |
| 219311 | NS | $\times 11$ | L23 | 2 Cv | 15 V | 5 s | 20 CMA | 1250 | 300 NmF | 200N 6F | 50／200 | lCNA | RLS | FEE | BS×20 | 2N2369 | 0 |
| 1Tx311K | NS | $\times 11$ | L24 | 20 V | 15 v | 5 V | 200 ma | 125C | 30 CmmF | 200M 6P | $50 / 200$ | 1 CMA | RLS | FER | $85 \times 20$ | 2N2369 | 0 |
| 20x］111 | ns | $\times 11$ | L25 | 20 V | 15 V | 5 V | 200mA | 1250 | 300 NinF | 200M 6P | $50 / 200$ | 10 MA | RLS | FE3 | BS $\times 20$ | 2N2369 | － |
| 2Tx311M | NS | $\times 11$ | Le6 | 20 V | 15 V | 5 V | 200 ma | 125C | 30 CNmF | 200～6F | $5 \mathrm{C} / 200$ | 10NA | RLS | FEE | BS $\times 20$ | 2N2369 | 0 |
| $21 \times 312$ | NS | $\times 11$ | 123 | 30 V | 12 V | 5 V | 2Cons | 125 C | 300 MWF | 400N 4P | 40 MN | 1 cma | VLS | FER | － $5 \times 20$ | 2N2369 | 0 |
| 2Tx312k | AS | $\times 11$ | L24 | 3 CV | 12 V | 5 V | 20CMA | 125 C | 30 CNWF | 400 M 4 P | 4 MMN | 1 CmA | VLS | FEB | B $5 \times 2 \mathrm{C}$ | 2N2369 | 0 |
| 2Tx312L | NS | $\times 11$ | L25 | 30 V | 12 V | 5 V | zocma | 125c | 300 MWF | 400M 4P | 40 NN | loma | VLS | FEP | $85 \times 20$ | 2N 2369 | 0 |
| 2Tx312M | ns | $\times 11$ | L26 | 30 V | 12 V | 5 V | 200ma | 1250 | 3 Conam | 400 M 4 P | 40 MN | 10ma | VLS | FEB | 8S $\times 20$ | 2N2369 | － |
| $21 \times 313$ | NS | $\times 11$ | L23 | 4 CV | 15 v | 5 v | 20 CmA | 125 C | 30 CNWF | 500N 4F | 40／120 | icma | VLS | FEE | $85 \times 20$ | 2N2369 | ， |
| 21×313k | NS | $\times 11$ | L24 | 40 V | 15 v | 5 V | 20cha | 125 C | 30 CMWF | 530 N 4 P | 40／120 | loma | VLS | FEB | $35 \times 20$ | 2N 2369 | $\bigcirc$ |
|  | AS | $\times 11$ | L25 | 40 V | 15v | 5 V | 200na | 125 C | 300 NWF 300 MWF | 500 M 4 P | 40／120 | lCMA | VLS | FEB | $85 \times 20$ | 2N2369 | 0 |


| TRANSISTOR NUMBER | $\left\|\begin{array}{l} P M \\ O A \\ L T \end{array}\right\|$ | $\begin{aligned} & \text { PACK- } \\ & \text { AGE } \end{aligned}$ | $\begin{array}{\|l\|} \hline \text { LEAD } \\ \text { INFO } \end{array}$ | $\begin{aligned} & \text { VCB } \\ & \text { MAX } \end{aligned}$ | $\begin{aligned} & \text { VCE } \\ & \text { MAX } \end{aligned}$ | $\begin{aligned} & \text { VEB } \\ & \text { MAX } \end{aligned}$ | $\stackrel{I_{\text {I }}^{C}}{\mathbf{C}}$ | $\stackrel{\mathbf{T}}{\mathrm{MAX}}$ | $\begin{aligned} & \text { P } \\ & \text { TOT } \end{aligned}$ | $\begin{array}{ll} \boldsymbol{F}_{\mathrm{T}} & \mathbf{C}_{0} \\ \text { MIN } & \mathrm{M} \end{array}$ | OB <br> MAX | $H_{F E}$ | $\begin{gathered} { }^{H} \\ \text { BIAS } \end{gathered}$ | USE | MFR | EURO EQVT． | $\begin{aligned} & \text { USA } \\ & \text { EQVT. } \end{aligned}$ | ISS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $21 \times 314$ | AS | $\times 11$ | 123 | 40 V | 15 v | 5 V | 20CNA | 125 C | 300 MWF | 500 M | 4 P | 40／120 | 10MA | VLS | FEA | ES×20 | 2N2369 | － |
| $21 \times 314 \mathrm{~K}$ | AS | $\times 11$ | 124 | 40 | 15 V | 5 V | 200MA | 125 C | 300 N | 500 M | 4 P | 40／120 | 10 M | VLS | FEB | BS $\times 20$ | 2N2 369 | 0 |
| 2T×314L | NS | $\times 11$ | 125 | 4 CV | 15 V | 5 V | 200 Ma | $125 C$ | 30 CN | 500N | 4 P | 40／120 | 10 MA | VLS | FEE | BS×20 | 2N2369 | 0 |
| 21×314M | NS | $\times 11$ | L26 | 40 | 15 v | 5 V | 200M | $125 C$ | 300 MW | 500 N | 4 P | $40 / 120$ | 1 CmA | VLS | FEB | $85 \times 20$ | 2N2369 | 0 |
| $21 \times 320$ | AS | $\times 11$ | 123 | 3 cv | 15 v | 3 V | 5 cma | 125 C | 25 CNWF | 600 M | 197 | 20 MN | 3MA | VLA | FFB | BFX 73 | 2N918 | 0 |
| 2T×320k | NS | $\times 11$ | 124 | 30 V | $15 v$ | 3 v | 50NA | 1250 | 250 MhF | 6 COM | 197 | 20m | 3MA | via | FEB | EF $\times 13$ | N918 | 0 |
| 17832CL | As | $\times 11$ | 125 | 30 V | 15 V | 3 V | 50 ma | 1256 | 250 NWF | 600 N | 1 P 7 | 20 MN | 3MA | VLA | FEB | BFX73 | 2N918 | 0 |
| 17x 32 cm | NS | $\times 11$ | L2t | 30 V | 15 V | 3 V | 50 MA | 125C | 25 CN | 600 N | $1 \mathrm{P7}$ | 20 N | 3MA | VLA | FEP | BFX73 | 2N918 | 0 |
| 21×321 | NS | $\times 11$ | L23 | 30 V | 15 v | 3 v | soma | 125 C | 25 CMWF | 600 N | 1 P 7 | 20 mN | 3 MA | VLA | FEE | BFX73 | 2N918 | 0 |
| 17x321k | ns | $\times 11$ | 124 | 30 V | 15v | 3 v | 5 CNA | 125 C | 250 MHF | 600M | 1P7 | 20MA | 3NA | VLA | FES | BFX 73 | 2N918 | 0 |
| 2T×321L | NS | $\times 11$ | L25 | 30 V | 15v | 3 V | Soma | 1250 | 25 CMWF | 500 N | 197 | 20 N | 3MA | VLA | FEE | BFX ${ }^{3} 3$ | 18 | 0 |
| 2T×321N | ns | $\times 11$ | 126 | 30 V | 15 v | 3 V | Soma | 125 C | 250 MWF | GOON | 1P7 | 20 MN | 3MA | VLA | FER | BFX73 | 2N918 | 0 |
| $21 \times 325$ | NS | $\times 11$ | L23 | 30 V | 15 v | 2 V | 5 CMA | 125 C | 20 CNWF | 16 | $1 P 5$ | 25／150 | 2NA | ULA | FEB | BFY9C | 2N2957 | 0 |
| 21×325k | NS | $\times 11$ | 124 | 30 V | 15 V | 2 v | boma | 125 C | 20 CMW | 15 | $1 P 5$ | 25／150 | 2NA | ULA | FEB | BFY 70 | 2N2857 | 0 |
| 21×325 | As | $\times 11$ | 125 | 30 V | 15 V | 2 V | 5 CNA | 125 | 200MWF | 16 | 195 | 25／150 | M ${ }^{\text {a }}$ | ULA | FEB | BFY9C | 2N2857 | 0 |
| 219325m | NS | $\times 11$ | Lくも | 30 V | 15v | 2 V | SOMA | 125 C | 20 CNhF | 16 | $1 P 5$ | 25／150 | 2NA | la | FEE | BFY90 | 2N2857 | c |
| $21 \times 326$ | NS | $\times 11$ | L2 2 | 30 V | $15 v$ | 2 V | 5 CMA | 125 C | 20 cmwF | IG | 195 | 25／150 | 2 MA | UL A | FEE | BFY90 | 2N2851 | 0 |
| LTx 326 K | AS | $\times 11$ | L24 | 30 V | 15 v | 2 V | SCNA | 1250 | 200 MWF | 16 | 195 | 25／150 | 2NA | ULA | FEB | BFY $\rightarrow$ C | 2N2857 | 0 |
| LTX326L | NS | $\times 11$ | 125 | 30 V | $15 v$ | 2 V | 50 MA | $125 C$ | 200 NWF | 1 G | 195 | 25／150 | 2 MA | ULA | FEB | BFY9C | 2N2857 | 0 |
| LTx326N | NS | $\times 11$ | 126 | 30 V | 15 v | 2 V | 5 CNA | 125 C | 200 MmF | 16 | $1 P 5$ | 25／150 | 2NA | ULA | FES | BFY9C | 2N2857 | 0 |
| $21 \times 327$ | PS | $\times 11$ | L＜3 | 50 V | 45 v | 5 v | 80 CMA | 1500 | hF | GON | 19 F | $63^{N}$ | iccra | ame | FEE | BC38 | 2N4403 | 0 |
| ［19327k | PS | $\times 11$ | L24 | 50 V | 45 v | 5 V | 800 Na | 1500 | 50 MinF | $6 . \mathrm{M}$ | 19 P | 63 MN | 1 COMA | $A^{*} M^{\text {g }}$ | FEE | BC328 | 2N5819 | 0 |
| 2Tx327L | PS | $\times 11$ | L25 | 50 V | $45 v$ | 5 v | 800 NA | 150 C | 500 MWF | 60 M | 18 P | 63 MN | 1 coma | $\Delta M \mathrm{G}$ | ＋ER | BC 328 | 2N5819 | 0 |
| LT×327M | PS | $\times 11$ | 126 | 50 V | 45 V | 5 v | 800 ma | 1506 | 500 MWF | Som | 19 P | 63 MN | 100 MA | ANG | FES | BC338 | 2N4403 | 0 |
| 2Tx33C | NS | $\times 11$ | L23 | 3 CV | 30 V | 5 V | 500NA | 125C | 300 NhF | 30 N | 8 P | 100 mv | looua | ALN | FEE | BC 349 C | 2N3934 | 0 |
| 119330k | As | $\times 11$ | 124 | 3 CV | 30 V | 5 v | 50CNA | 125 C | 30 CNWF | 30 N | 8 P | $10 \mathrm{cmN}^{\text {m }}$ | 1ccla | LN | FES | PC． 2 | 2N5827 | 0 |
| $21 \times 330 \mathrm{~L}$ | NS | $\times 11$ | 125 | 30 V | 3 CV | 5 v | 500 MA | 1250 | 300 MWF | 30 M | gp | 100NN | 10CuA | ALN | FEE | BC， 239 | 2N5827 | 0 |
| 2Tx330N | NS | $\times 11$ | 126 | 30 V | 3 Cv | 5 v | 50 CNa | 1256 | 30 cmgF | $30^{M}$ | $8 p$ | 100NN | 1000a | ALN | FFE | BC 349C． | 211904 | 0 |
| 21×331 | ns | $\times 11$ | 123 | 45 V | $45 v$ | 5 V | 500 mA | 1256 | 300 N | $3{ }^{3} \mathrm{~N}$ | 8 p | 40／120 | 1004 | ALN | FFB | BC349C | 2N3904 | 0 |
| 219331k | NS | $\times 11$ | 124 | 45 V | 45 v | $3 v$ | 50 cma | 125 C | 30 CNHF | 30 N | 8 P | 40／120 | ICUA | ALN | FEB | BC239 | 2N5827 | 0 |
| L1×3311 | ， 5 | $\times 11$ | 125 | 45 | $45 v$ | 5 V | 50CNA | 1250 | 300 MwF | 30 N | 8 P | $40 / 120$ | 1 Cla | ALN | FES | EC 735 | 2N5827 | 0 |
| ［19331M | As | $\times 11$ | 126 | 45 V | 45 V | 5 V | 50 CmA | $125 C$ | 300 NWF | 30 M | 8 P | 40／120 | 10UA | ALN | FES | BC 3495 | 213904 | 0 |
| $21 \times 337$ | NS | $\times 11$ | しく3 | 50 V | 45 V | $5 v$ | E00ma | 1500 | 360 MmF | EON | 20 P | 1 CONN | 100NA | $\triangle \mathrm{A} G$ | FEE | BC． 387 | 2N4408 | 0 |
| 21×338 | as | $\times 11$ | L23 | 30 V | 20 V | 5 V | 800NA | 150 C | 36 CNWF | 60N | 20 P | 100 NN | $10^{\text {cona }}$ | $\Delta^{M M}$ | FEE | BC 337 | 2N4408 | 0 |
| 1T×341 | NS | $\times 11$ | L23 | 10 CV | 100 v | 5 V | 100 MA | 125 C | $30 \mathrm{CNWF}^{\prime}$ | 50 M | 100 | 30 mN | 2 NA | ALH | FES | HS $\times 21$ | 2N1990 | 0 |
| $21 \times$ | NS | $\times 11$ | 124 | 100 V | 100 v | 5 v | 100 ma | 1256 | 300 MWF | $50 \%$ | 10 P | 3 cmN | 2 Na | ALH | FE3 | ES×21 | 2＾199C | 0 |
| 2193412 | As | $\times 11$ | 5 | 100 V | 100 V | $5 v$ | 1 OMA | 1256 | 300 NaF | 50 N | 10p | 304 N | 2NA | ALH | FEB | BS $\times 21$ | 2N19408 | 0 |
| 2Tx341M | NS | $\times 11$ | 126 | 100 V | 100 V | 5 V | 100mA | 1250 | 30 CMFF | 50 N | 10 P | 30 mN | $2^{\mathrm{Ma}}$ | ALt | FEE | B $5 \times 21$ | 2N19 | 0 |
| 119342 | NS | $\times 11$ | L23 | 120 V | 120 v | 5 v | 100 ma | 125 C | 30 CMmF | 50 N | 10 P | 30 MN | 2 ma | ALH | FEP | $45 \times 21$ | 2N19 | 0 |
| L1 $\times 342 \mathrm{k}$ | NS | $\times 11$ | 124 | 120 v | 12 CV | 5 V | locna | 125 C | 300 mWF | 50 M | 10 P | 30 MN | 2Na | ALt | FEQ | BSx21 | 2N199C | 0 |
| $21 \times 3$ | NS | $\times 11$ | L25 | 120 V | 120 V | $5 v$ | 100 Na | 1250 | 300 MhF | 50 N | 10 P | 30 ma | 2Na | ALH | FEP | 185 21 | 2N1990R | 0 |
| 21×342 | as | $\times 11$ | L 26 | 120 V | 120 V | 5 V | 100ma | 1250 | 30 CMWF | 50 N | 10 P | 30 MN | $2^{\mathrm{Na}}$ | ALH | FES | BS×21 | 2N1990R | 0 |
| 21×350 | －S | $\times 11$ | L23 | 5 CV | 45 v | $5 v$ | locma | 1350 | 30 CNWF | $125 *$ | 4 F | 40 Nm | 2 ma | ALG | FEP | BC350A | 2N3905 | 0 |
| $21 \times 350 \mathrm{~K}$ | pS | $\times 11$ | L24 | 50 V | 45 v | 5 v | 100 MA | 135 C | 30 cmiF | 125 M | 40 | 40 MN | 2 | AL | FE | BC 307 | 2N6015 | 0 |
| $21 \times 3501$ | PS | $\times 11$ | 125 | 50 V | $45 v$ | 5 V | locma | 135 C | 300 NWF | 125N | 4 P | 40 MN | 2 N | 16 | E8 | 8C337 | 2N6015 | 0 |
| $25 \times 35 \mathrm{~cm}$ | PS | $\times 11$ | しても | sc | 45 v | 5 V | 100 ma | 1350 | 30 CNHF | 125N | 4 F | 40 NN | 2Na | ALG | FFP | 3635ca | 2N3905 | 0 |
| $21 \times 360$ | NS | $\times 11$ | L23 | 60 V | 40 V | 5 v | 1 A | 1250 | 50 CMWF | 250N | 20 P | 25／150 | $5 C \mathrm{CNA}$ | VMS | FEB | B $5 \times 39$ | 2N 3725 | 0 |
| $21 \times 360$ | AS | $\times 11$ | 124 | ocv | 40 v | 5 V | 14 | 1250 | 50 CNWF | 250 M | 20 P | 25／150 | $5 C \mathrm{CNA}$ | VMS | FER | ESx59 | 2N3725 | 0 |
| $21 \times 360 \mathrm{~L}$ | NS | $\times 11$ | 125 | 60 V | 4 cv | 5 v | 14 | 1250 | 500 MWF | 2504 | 20 P | 25／150 | 50 CNA | VMS | FES | BS×59 | 2N 3725 | 0 |
| 2Tx360N | As | $\times 11$ | L26 | 60 V | 4 CV | 5 v | $1 \Delta$ | 1256 | 500 MFF | 250 N | 20 P | 25／150 | 500 Na | VNS | FER | ES $\times 59$ | 2N3725 | 0 |
| $21 \times 382$ | NS | $\times 11$ | L＜3 | scv | 45 v | 6 v | 100 ma | 1250 | 45 CNWF | 150 N | 10 F | 100 mm | ICUA | ALN | FER | BC349C | 2N3704 | $c$ |
| 2173828 | NS | $\times 11$ | L23 | 50 V | 45 v | 6 V | locma | 1250 | 45 CMWF | 150 M | $10^{\circ}$ | 240 MN | 2 Ma | ALN | Fe | BC 349 C | 2N3904 | 0 |
| 2103826 | ns | $\times 11$ | 123 | 50 V | $45 v$ | ov | locna | 1250 | 450 NWF | 150 M | $10^{\circ}$ | 450 MN | 2NA | Al＾ | Ffr | BC34SC | 2N3904 | 0 |
| $21 \times 383$ | AS | $\times 11$ | 123 | 45 V | 30 V | 6v | 100MA | 1250 | 450 NFF | 150. | 10 | 100 MN | 101JA | AIN | FEB | BC 349 C | 2N3904 | 0 |
| $25 \times 3833$ | NS | $\times 11$ | Liz | 4 sV | 3 cv | ov | 10 cms | 1250 | 45 CMWF | 150 N | 10P | 740 mN | $2^{\mathrm{Ma}}$ | ALN | FER | BC349C | 2N3904 | － |
| 21×383C | ns | $\times 10$ | L2C | 45 V | 3 CV | 6 V | 10 cma | 1250 | 4 CNWFF | 150 N | 10P | 450 mN | 2 Na | ALA | FFR | BC3498 | 2N3904 | 0 |
| $2 T \times 384$ | NS | $\times 11$ | L23 | 45 V | 30 V | ov | 100 Na | 125 C | 450 MWF | 150 M | 10 P | 100 NN | 1 CuA． | ALN | FEB | BC 349 C | 2N 3904 | 0 |
| 1193848 | AS | $\times 11$ | L23 | 45 V | 30 V | 6 v | locma | 1250 | 450 MWF | 150 N | 108 | 24 CmN | 2 MA | aln | FES | PC 349C | 2N3904 | 0 |
| 21×384C | As | $\times 11$ | 123 | 45 V | 30 V | 6 V | 100 mA | 1250 | 450 NWF | 150N | 10 P | 450 MN | 2 Ma | AL | FE3 | BC349C | 2N3904 | 0 |
| 2Tx5cc | PS | $\times 11$ | L23 | 25 V | 25 v | 5 V | 500 MA | $125 C$ | 30 CNHF | 150 N | 6 P | 50／300 | $1 \mathrm{CNA}^{\text {a }}$ | AMG | FEP | BC397 | 2 N 440 l | 0 |
| 219500k | FS | $\times 11$ | L24 | 25 V | 25 v | $5 v$ | 50cma | 125 C | 300 MWF | 150＊ | 6 P | 50／300 | 1 CNA | $\triangle M C$ | FER | EC328 | 2N5819 | 0 |
| $2 \mathrm{x} \times 500 \mathrm{~L}$ | PS | $\times 11$ | 125 | 25 V | 25 V | 5 V | 500 mA | $125 C$ | 350 MmF | 150 M | 6 P | $50 / 300$ | 10 MA | $\Delta N G$ | FEB | BC 328 | 2N5819 | 0 |
| LT $\times 50 \mathrm{~cm}$ | PS | $\times 11$ | L26 | 25 V | 25 V | 5 V | 500NA | 1250 | 300 MmF | 150 N | 6 P | $50 / 300$ | 10NA | ANG | FEE | 8C387 | 2 N 4401 | 0 |
| 119501 | PS | $\times 11$ | L23 | 35 V | 35 V | 5 V | 5 CONA | 1256 | 300 NFF | 150 N | 6 P | 50／300 | 10 ma | AM | FES | BC3．37 | 2N4401 | c |
| 2T×501k | PS | $\times 11$ | 124 | 35 v | 35 | 5 V | 50 cma | 1250 | 3 CCNWF | 150 N | 6 P | 59／300 | ICNA | AM | FER | 3C328 | 2N5819 | 0 |
| 21x5011 | PS | $\times 11$ | 125 | 35 V | $35 v$ | $5 v$ | socra | 1250 | 300 MWF | 150 M | 6 P | $50 / 300$ | 10NA | AME | FES | BC 328 | 2N5819 | 0 |
| LT $\times 501 \mathrm{M}$ | PS | $\times 11$ | L2t | 35 V | 35 v | 5 V | 500 ma | 1250 | 300 NFF | 150M | 6P | $50 / 300$ | 10 MA | AME | FE3 | BC337 | 2N4401 | 0 |
| 219502 | PS | $\times 11$ | L23 | 35 V | $35 v$ | 5 V | 500MA | 1256 | 30 CNHF | 150 N | $\mathrm{GP}^{\text {P }}$ | 100 mN | 10NA | ANG | FER | BC 387 | 2 N 4401 | 0 |
| 17x502k | PS | $\times 11$ | 124 | 35 V | $35 v$ | 5 V | 500 ma | 125C | 30 CMWF | 150N | 6 6 | 100 MN | 10 NA | AMG | FEB | BC328 | 2N5819 | 0 |
| 219502L | PS | $\times 12$ | 125 | 35 V | 35 v | 5 V | 50CNA | 125 C | 300 NWF | 150 M | 6 P | 100 mN | ICNA | AMC | FES | BC328 | 2v5819 | 0 |
| 2TX502N | PS | $\times 11$ | L26 | 35 V | 35v | 5 V | 50cma | 1250 | 300 MmF | 150N | 6 P | 100 mN | 10ma | $A^{\prime N G}$ | FEE | BC 387 | 2＾4401 | 0 |
| $21 \times 503$ | PS | $\times 11$ | 123 | 45 V | $45 v$ | 5 V | 500 MA | 1250 | 300 MWF | 150N | 6 P | 50／300 | 10 Ma | AMG | FES | BC337 | 2N4401 | 0 |
| 2T×503k | PS | $\times 11$ | 124 | 45 V | 45 v | 5 V | 50 cma | 125 C | 30 CNmF | 159 N | 6 P | 50／300 | 1 CmA | $A^{\prime} \mathrm{G}$ | fer | BC328 | 2N5819 | 0 |
| $21 \times 503 \mathrm{~L}$ | PS | $\times 11$ | 125 | 45 V | 45 v | $5 v$ | 500Ma | 125 C | 30 CMWF | 150 M | SP | $53 / 300$ | 1 CMA | AN | FEB | BC 328 | 2N5819 | 0 |
| LT×503M | PS | $\times 11$ | 126 | 45 V | $45 v$ | 5 v | 500NA | 125 C | 300 MWF | 150 M | 4 | 50／300 | 10ma | AME | FER | BC387 | 2N4401 | 0 |
| 2T $\times 504$ | pS | $\times 11$ | L23 | 7 cv | 70 V | 5 v | 500ma | 125 C | 30 cmmF | 150 N | － 6 | 501300 | 10 ma | $\triangle N H$ | FEB | BS $\times 21$ | 2N1990R | 0 |
| $21 \times 504 \mathrm{k}$ | PS | $\times 11$ | L24 | 70 V | 70 V | 5 V | 5 COMA | 1250 | 30 CMWF | 150 N | 6 P | 50／300 | 10 MA | AMH | FEG | $85 \times 21$ | 2N1990R | 0 |
| $21 \times 5041$ | PS | $\times 11$ | 125 | 70 V | 70 V | 5 V | 50 cma | 1250 | 30 CNWF | 150 M | $4{ }^{\text {b }}$ | $50 / 300$ | loma | am | FES | $85 \times 21$ | 2N199CR | 0 |
| $21 \times 504 \mathrm{~m}$ | PS | $\times 11$ | 126 | 70 V | 70 V | 5 v | 500 Na | 125 C | 300 MWF | 150 M | 4 6P | $50 / 300$ | 10MA | and | FEB | BS $\times 20$ | 2N1990R | 0 |
| LIX510 | PS | $\times 11$ | L2 2 | 12 V | 12 V | 4 V | 20CNA | 1256 | 30 CMWF | 400 N | $6{ }^{\circ}$ | 40／150 | 30 ma | VLS | FER | 8SW25 | 2N3546 | 0 |


| TRANSISTOR NUMBER | $\begin{gathered} \text { PM } \\ \mathbf{O A} \\ \mathbf{T T} \end{gathered}$ | PACK- | $\left.\begin{array}{\|l\|} \text { LEAD } \\ \text { INFO } \end{array} \right\rvert\,$ | $\begin{aligned} & \text { VCB } \\ & \text { MAX } \end{aligned}$ | $\begin{gathered} \text { VCE } \\ \text { MAX } \end{gathered}$ | $\begin{aligned} & \text { VEB } \\ & \text { MAX } \end{aligned}$ | $\underset{\operatorname{MAX}}{\mathbf{c}}$ | $\underset{\text { MAX }}{\mathbf{T}}$ | TOT | $\begin{array}{ll} \mathbf{F}_{\mathrm{T}} & C_{0} \\ \text { MIN } & \mathrm{N} \end{array}$ |  | $H_{\text {FE }}$ | $\begin{gathered} \mathrm{H}_{\mathrm{FE}} \\ \text { BIASS } \end{gathered}$ | USE | MFR | EURO <br> EQVT. | $\begin{aligned} & \text { USA } \\ & \text { EQVT. } \end{aligned}$ | ISS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 25x510k | PS | 111 | L24 | 12 V | 12 V | 4 V | 200~A | 125 C | 30 CMhF | 400 M | 6 P | 40/150 | 3 CNa | VLS | FEB | BSW25 | 2N3546 | 0 |
| $21 \times 510 \mathrm{~L}$ | PS | $\times 11$ | 125 | 12 V | 12 V | 4 V | 200NA | 125 C | 300MWF | 400 M | 6 P | 40/150 | 30 MA | VLS | FEB | BSW25 | 2N3546 | 0 |
| 219510N | PS | $\times 11$ | 126 | 12 V | 12 V | 4 V | 200ma | 1250 | 300 MWF | 400 M | 6 P | 40/150 | 30NA | VL S | FEB | BSW25 | 2N3546 | 0 |
| $21 \times 530$ | PS | x11 | L23 | 30 V | 30 V | 5 V | 500 mA | 125 C | 30 CMWF | 30 N | 8 P | 100 MN | 100UA | ALN | FEB | BC 309 | 2N6003 | 0 |
| $2 T \times 530 \mathrm{~K}$. | PS | $\times 11$ | L. 24 | 30 V | 30 V | 5 V | 500 Ma | 125 C | 300 MWF | 30 N | 8 P | 100 mN | 1 coua | ALN | FEB | BC 309 | 2N6003 | - |
| $21 \times 53 \mathrm{cL}$ | PS | $\times 11$ | L25 | 30 V | 30 V | 5 V | 500MA | 125C | 300 MWF | 30 M | 8 P | 100 mN | 100Ua | ALN | FEB | BC 309 | 2N6003 | 0 |
| $21 \times 530 \mathrm{~N}$ | PS | $\times 11$ | L26 | 30 V | 30 V | 5 V | 500 M | $125 C$ | 300 MWF | 30 N | 8 P | 100 N | 100UA | ALN | FEE | BC 309 | 2N6003 | 0 |
| $21 \times 531$ | PS | $\times 11$ | L. 23 | 45 V | 45 V | 5 V | 500 ma | 1250 | 300 NWF | 30 N | 8 P | 40/120 | 100UA | ALN | FEB | BC 309 | 2N6003 | 0 |
| 2T×531k | PS | $\times 11$ | L24 | 45 v | 45 v | 5 V | 500 ma | 125 C | 30 CMhF | 30 N | 8 P | 40/120 | 1 coua | ALN | FER | BC309 | 2N600 3 | 0 |
| $21 \times 531 \mathrm{~L}$ | PS | $\times 11$ | L25 | 45 V | 45 v | 5 V | 500 Ma | 125 C | 30 CMhF | 30 M | 8 P | 40/120 | 1 coua | ALN | FEA | BC 309 | 2N6003 | - |
| 2TX531N | PS | $\times 11$ | L2t | 45 v | 45 V | 5 V | 500MA | 1256 | 300 mwF | 30 M | 8 P | $4 \mathrm{C} / 120$ | 100UA | ALN | FES | BC 309 | 2N6003 | - |
| $21 \times 541$ | PS | $\times 11$ | 123 | 100 V |  | 5 V | 100 MA | 1756 | 50 CMWF |  |  | 30 MN | 2 Na | ALH | FEB | BSV68 | 2N3497 | 0 |
| 21×541k | PS | $\times 11$ | 124 | 100 V |  | 5 V | loons | 175C | 500 MWF |  |  | 30 MN | 2 MA | ALH | FEB | BSV68 | 2N3497 | c |
| 21×5411 | PS | $\times 11$ | 1.25 | 100 V |  | 5 V | l 100 ma | 175 C | 50 CMWF |  |  | 30 MN | 2 MA | ALH | FEB | BSV68 | 2N3497 | 0 |
| 2T×541M | PS | $\times 11$ | L26 | 100 V |  | 5 V | looma | 175 C | 500 MWF |  |  | 30 NN | 2NA | ALH | FEE | BSV68 | 2N3497 | 0 |
| 219542 | PS | $\times 11$ | 123 | 100 V |  | 5 V | 100ma | 1756 | 500 MWF |  |  | 30 MN | 2 MA | ALH | FFB | BSV68 | 2N3497 | 0 |
| 2Tx542K | PS | $\times 11$ | L24 | 10 CV |  | 5 V | 100ma | $175 C$ | 500 MhF |  |  | 30 MN | 2 MA | ALH | FEB | BSV68 | 2N3497 | 0 |
| 210542L | PS | $\times 11$ | 125 | 100 V |  | 5 V | 100na | $175 C$ | 500 MmF |  |  | 30 MN | 2NA | ALH | FES | BSV68 | 2N3497 | 0 |
| 215542N | PS | $\times 11$ | L26 | 1 cov |  | 5 V | locna | 175 C | 500 MWF |  |  | 30 MN | 2MA | ALt | FER | BSV68 | 2N3497 | 0 |
| 21×37C2L | PS | $\times 11$ | L25 | 40 V | 25 V | 5 V | 200ma | 1500 | 360 NWF | 100 M | 12P | 60 MN | 50 MA | ALG | FEB | BC 307 | 2N6015 | 0 |
| 21x3703L | PS | $\times 11$ | L25 | 50 V | 30 V | 5 V | 200na | 150 C | 360 NmF | 100N | 12 P | 30 NN | 50 MA | AL G | FER | BC 307 | 2N6015 | 0 |
| 21×3704L | NS | $\times 11$ | L25 | 5 CV | 3 CV | 5 V | 800ma | 150C | 36 CNWF | 100 M | 12 P | 300 mN | 5 CMA | AMG | FES | BC338 | 2N5818 | 0 |
| 21×3705L | NS | $\times 11$ | L25 | 50 V | 30 V | 5 V | buona | 150 C | 625 MWF | 100 M | 12 P | 150 NN | 5 CMA | ANG | FFB | BC 338 | 2N5818 | 0 |
| 21×3706L | AS | $\times 11$ | L25 | 40 V | 20 V | 5 V | 800 Na | 1506 | 625 MWF | 100M | 12P | 600 MN | 50 MA | ANG | FEB | BC 338 | 2N5818. | 0 |
| 21×3707 | AS | $\times 11$ | 123 | 30 V | 30 V | 6 V | 3 CMA | 1756 | SOONWF |  |  | 109 mN | 1 DOUA | ALN | FE3 | BC349C | 2N3904 | - |
| 21×3707k | NS | $\times 11$ | L24 | 30 V | 30 V | 6 v | 30NA | 175 C | 500 mhF |  |  | 100~N | 1 coua | ALN | FER | BC239 | 2N5R27 | 0 |
| 2Tx3707L | AS | $\times 11$ | L25 | 3 Cv | 30 V | 6 V | 30 MA | 1750 | 500 NFF |  |  | 100 MN | 1 cous | ALN | FEY | BC239 | 2N5827 | - |
| 15×3707M | NS | $\times 11$ | L26 | 30 V | 30 V | 6 V | 30 mA | 1750 | 500 MWF |  |  | 100Mn | 100us | ALN | FE3 | BC 349 C | 2N3904 | 0 |
| 2193708 | AS | $\times 11$ | Liz | 30 V | 30 V | 6 V | 30 NA | 1750 | 500MwF |  |  | $45 / 660$ | IMA | ALG | FEB | BC 347 A | 213903 | 0 |
| LTx3708k | AS | $\times 11$ | L24 | 30 V | 30 V | 6 V | 30 MA | 1756 | 500 NWF |  |  | $45 / 660$ | ins | ALG | FEB | BC237 | 2N5825 | 0 |
| 21×37081 | NS | $\times 11$ | L25 | 30 V | 30 V | 6 V | 30 MA | 175 C | 500 mmF |  |  | 45/660 | 1 Na | ALG | FFE | BC 237 | 2N5825 | 0 |
| 2193708M | AS | $\times 11$ | L26 | 30 V | 30 V | 6 V | Sons | 175 C | 500 MWF |  |  | 45/660 | 1 MA | AL G | FEB | BC347A | 2N3703 | 0 |
| 2193709m | As | $\times 11$ | L26 | 30 V | 30 V | 6 V | 3 OMA | 1750 | 500 NWF |  |  | 45/165 | 1 MA | ALG | FEB | BC 3478 | 2N3903 | 0 |
| 21×3709 | NS | $\times 11$ | Lía | 30 V | 30 V | 6 V | 3.0 MA | -1756 | 500 NWF |  |  | 45/165 | 1 MA | ALG | FER | SC 347 A | 2N3903 | 0 |
| 21×3709k | NS | $\times 11$ | L 24 | 30 V | 30 V | 6 V | 30NA | 175 C | 5COMWF |  |  | 45/165 | 1 NA | ALG | FER | BC237 | 2N5825 | $\bigcirc$ |
| 21937092 | NS | $\times 11$ | 125 | 30 V | 30 v | 6 V | 30 MA | 1750 | 500 MhF |  |  | 45/165 | 1 MA | ALG | FFR | BC 237 | 2N5825 | 0 |
| 15×3710 | As | $\times 11$ | L2? | 30 V | 30 V | 6 V | 30 Na | 1750 | 500 MhF |  |  | $90 / 330$ | 1MA | ALG | FES | BC 347 A | 2N3903 | 0 |
| 21×3710K | As | $\times 11$ | 124 | 30 V | 30 V | 6 V | 30 MA | 1756 | 500 NWF |  |  | $45 / 165$ | 1 MA | al G | FE3 | BC237 | 2N5825 | 0 |
| 21×3710 | NS | $\times 11$ | L25 | 3 Cv | 30 V | 6 V | 30MA | 175 C | 50 CNHF |  |  | 45/165 | IMA | ALG | FEP | BC237 | 2N5325 | 0 |
| 21×3710M | NS | $\times 11$ | L26 | 30 V | 30 V | 6 V | 30NA | 175 C | 500 MWF |  |  | $45 / 165$ | 1 MA | ALG | FFB | BC 3478 | 2N3903 | 0 |
| $25 \times 2711$ | AS | $\times 11$ | 123 | 30 V | 3 Cv | 6 V | 30 MA | 1750 | 500 NWF |  |  | 1804 A | 1 NA | ALN | FER | BC 349 C | 2N3904 | 0 |
| 2193711k | NS | $\times 11$ | L<4 | 30 V | 30 V | 6 V | 30 MA | 1750 | 500 MhF |  |  | 180 NN | ina | ALN | FER | BC 239 | $2 N 5827$ | 0 |
| 21×3711L | $\wedge S$ | $\times 11$ | 125 | 30 V | 30 V | 6 V | 30 MA | 1750 | 50 CNmF |  |  | 180 N | ina | ALN | FER | BC239 | 2N532.7 | 0 |
| 21×3711M | NS | $\times 11$ | L26 | 30 V | 30 V | 6 V | 3 MAA | 175C | 500 MFF |  |  | 180 MN | 1NA | ALN | FES | BC349C | 2N3904 | 0 |
| 21×3903 | NS | $\times 11$ | L23 | 60 V | 40 V | 6 V | 200NA | 135 C | 31 CMWF | 250 M | 4 P | 50/150 | 10 MA | ALG | FEA | BC 347 A | 2N3903 | 0 |
| $2 \mathrm{~T} \times 3904$ | NS | $\times 11$ | 123 | 60 V | 40 V | 6 V | 200MA | 1350 | 310 NWF | 250N | 4 P | 100 mN | 10 ma | AL N | FEB | BC 3490 | 2N3904 | 0 |
| $2 \mathrm{~T} \times 3904 \mathrm{k}$ | NS | $\times 11$ | 124 | 60 V | 40 V | 6 V | 200ma | 1354 | 31 CNHF | 250 N | 4 F | 100 N | 10 MA | ALN | FEE | BC 239 | 2N5827 | 0 |
| $21 \times 3904 \mathrm{~L}$ | NS | $\times 11$ | L25 | 60 V | 40 V | ov | 200na | 135 C | 310 MWF | 250 N | 4 P | 100 mN | 10 MA | aln | FER | BC?39 | 2N5827 | 0 |
| $21 \times 3904 \mathrm{~N}$ | AS | $\times 11$ | 126 | 60 v | 40 V | 6 V | 20cma | 135 C | 310 MWF | 250 M | 4 P | 100Ma | 1 CNA | ALN | FES | BC 349 C | 2N3904 | 0 |
| 25×3905 | PS | $\times 11$ | L23 | 40 V | 4 CV | 5 v | 200ma | 135 C | 310 MWF | 2?0M | 5 P | 50/150 | IONA | ANG | FEB | BC. 338 | $2 \mathrm{~N}_{4} 403$ | 0 |
| $21 \times 3906$ | PS | $\times 11$ | L23 | 40 V | 40 V | 5 V | 200MA | 1350 | 31 CNiNF | 250 N | 5p | 100 MN | 10NA | AMG, | FER | BC388 | 2 N 4403 | 0 |
| 2193906k | PS | $\times 11$ | 124 | 4 CV | 40 V | 5 V | 200mA | $135 C$ | 31 CNWF | 250 N | 59 | 100 NN | 1 CMA | AMG | FEP | BC328 | 2N5819 | 0 |
| 2193906L | PS | $\times 11$ | L24 | 40 V | 40 v | 5 V | 200na | 135 C | 310 MWF | 250 M | 5 P | 100Nn | 10 MA | ANG | FFB | BC 328 | 2N5819 | 0 |
| 21×3906M | PS | $\times 11$ | L24 | 40 V | 40 V | 5 V | 200NA | 135 C | 310 MWF | 250 M | 5 P | 100Mn | 10NA | AMG | FER | BCC 388 | 2N4403 | 0 |
| 21×4400 | AS | $\times 11$ | L23 | 60 V | 40 V | 6 V | 600ma | 1756 | 500 NWF | 200 M | 7 P | $50 / 150$ | 150 MA | ANG | FEB | BC387 | 2N4401 | 0 |
| 2194400k | NS | $\times 11$ | L24 | 60 V | 40 V | 6 V | GOONA | 175C | 500 MmF | 200 N | 78 | 50/150 | 150 ma | AMG | FEP | 8 C 338 | 2N5818 | 0 |
| $21 \times 4400 \mathrm{~L}$ | AS | $\times 11$ | L25 | 60 V | 40 V | 6 V | 600ma | 175C | 50 CNWF | 200M | 7 P | $50 / 150$ | 15 CNA | AMG | FEB | BC338 | 2N5818 | / |
| 2Tx4400M | NS | $\times 11$ | 126 | 60 V | 40 V | 6 V | 600ma | 1756 | 500 MWF | 200M | 7 P | 5c/150 | 150NA | ANG | FFB | BC 387 | 2N4401 | 0 |
| 2194401 | AS | $\times 11$ | 123 | 60 V | 40 V | 6 V | 600NA | 1750 | 500 MhF | 250 N | 7 P | 100 mN | 150 MA | ANG | FEA | BC 387 | 2N4401 | 0 |
| 21×44C1k | AS | $\times 11$ | L24 | 60 V | 40 V | 6 V | g00ma | 1756 | 500 NWF | 250 N | 7 P | 100mN | 150 MA | AMG | FES | BC338 | 2N5818 | 0 |
| 21×44016 | NS | $\times 11$ | L25 | 60 V | 40 V | 6 V | GOONA | 1750 | 50 CMWF | 250 N | 7 P | looma | 150 ma | ANG | FER | BC, 338 | 2N5818 | 0 |
| L184401M | ns | $\times 11$ | 126 | 60 V | 40 V | 6 V | G00Na | 1750 | 500 MWF | 250 M | 7 P | 100ma | 15 CNA | AMG | FE3 | BC387 | 2N4401 | 0 |
| $21 \times 4402$ | PS | $\times 11$ | 123 | 40 V | 40 V | 5 V | 万U0ma | 1750 | 500 MWF | 150 M | 9 P | $50 / 150$ | 150 MA | ANG | FES | BC 388 | 2 N 4403 | 0 |
| 21×4402k | PS | $\times 11$ | 124 | 40 V | 40 V | 5 V | 600 MA | 1756 | 500 MmF | 150 N | 9 P | 50/150 | 150 MA | ANG | FEB | BC 328 | 2N5819 | 0 |
| 21×4402L | PS | $\times 11$ | L25 | 40 V | 40 v | 5 V | GOONA | 1756 | 500 MWF | 150 N | 9 P | 50/150 | 150NA | AMG | FER | BC328 | 2N5819 | 0 |
| 1T $\times 4402 \mathrm{M}$ | PS | $\times 11$ | 126 | 40 V | 40 V | 5 V | goona | 175 C | 500 MWF | 150 M | 9 P | $50 / 150$ | 150 MA | $\Delta N G$ | FFE | BC 388 | 2N4403 | 0 |
| 21×4403 | PS | $\times 11$ | L23 | 40 V | 40 v | 5 V | 600 NA | 1750 | 50 CMWF | 200 M | $9 P$ | 100 mN | 150 NA | ANG | FEB | EC 388 | 2N4403 | 0 |
| 2Tx4403 | PS | $\times 11$ | L24 | 40 V | 40 V | 5 V | 600MA | 1756 | 500 NWF | 200 N | 9 P | 100 mN | 150 MA | AMG | FEX | BC. 328 | 2N5819 | 0 |
| 11944C3L | PS | $\times 11$ | L25 | 40 V | 40 V | 5 V | 600 MA | 1756 | 500 NWF | 200 N | 9 P | 100 NN | 150NA | $A^{\prime N}$ | FEE | BC 328 | $2 N 5819$ | 0 |
| $\boldsymbol{C T} \times 4403 \mathrm{M}$ | PS | $\times 11$ | L26 | 40 V | 40 v | 5 V | G00NA | 175 C | 50 CMWF | 200 N | 9 P | 100 mN | 15 CMA | AMG | FER | BC388 | 2N440.3 | 0 |

## Appendix A Explanatory notes to tabulations

The general layout plan of the information in the tables of this compendium should be immediately evident from the data tabulation explanatory chart set out below.


More detailed notes on the symbols and codings used are given below.

## Column headings

$\mathrm{V}_{\text {cbo }}$ collector-base voltage rating with emitter open circuited. $V_{\text {ceo }}$ collector-emitter voltage rating with base open circuited. $\mathrm{V}_{\text {ebo }}$ emitter-base voltage rating with collector open circuited.
$I_{\mathrm{C}_{\text {max }}}$ rated maximum collector current.
$\mathrm{T}_{\mathrm{i} \max }$ rated maximum junction temperature.
$P_{\text {TOT max }}$ rated maximum device power dissipation.
$\mathrm{f}_{\mathrm{T} \text { min }}$ minimum common-emitter gain-bandwidth product.
$\mathrm{C}_{\text {ob } \max }$ (1) when units P or N , maximum output capacitance, common base.
(2) when units R , maximum reverse transfer capacitance ( $\mathrm{C}_{\mathrm{re}}$ ), common emitter.
$h_{\text {FE }}$ common emitter, short-circuit, current gain : normally dc, but ac when dc not specified.
$I_{C}$ (hfe bias) dc bias current at which hfe measured.
Units

| A | $=$ Amperes |
| :--- | :--- |
| C | $=$ Centigrade |
| K | $=$ Kilohertz |
| M | $=$ Megahertz |
| MA | $=$ Milliamperes |
| MN | $=$ Minimum |

MWC $=$ Milliwatts, case at $25^{\circ} \mathrm{C}$
MWF $=$ Milliwatts, free air $25^{\circ} \mathrm{C}$
MWH $=$ Milliwatts, heat sink, $25^{\circ} \mathrm{C}$ ambient
$\mathrm{N}=$ Nanofarads (refers $\mathrm{C}_{\mathrm{ob}}$ )
$\mathrm{P} \quad=$ Picofarads (refers $\mathrm{C}_{\mathrm{ob}}$ )
$\mathrm{R}=$ Picofarads (refers $\mathrm{C}_{\mathrm{re}}$ )
TP $=$ Typical
UA = Microampere
$\mathrm{V}=$ Volts
WC $=$ Watts, case at $25^{\circ} \mathrm{C}$
WF $=$ Watts, free air $25^{\circ} \mathrm{C}$
WH = Watts, heat sink, $25^{\circ} \mathrm{C}$ ambient
Where unit appears in the middle of the value it indicates the position of the decimal point; e.g. $3 P 5=3.5 \mathrm{P}=3.5$ picofarads)

## Codes used in body of tables

'Material and Polarity' column codes
$\mathrm{NG}=\mathrm{npn}$ germanium; $\mathrm{NS}=\mathrm{npn}$ silicon; $\mathrm{PG}=\mathrm{pnp}$ germanium; $P S=$ pnp silicon. (Exceptionally for 'nontransistors' additional codings appear as follows: $\mathrm{FE}=\mathrm{f} . \mathrm{e} . \mathrm{t}$; $\mathrm{PC}=$ point contact transistor; $\mathrm{PH}=$ photodevice; $\mathrm{TH}=$ thyristor; $\mathrm{UJ}=$ unijunction transistor)

## 'Case Outline' column codes

TO ... = Jedec USA registered; X . . . = non-standard outline; related drawings for both series are in Appendix $C$. ('OBS' = obsolete).

## 'Lead Identification' column codes

L. . . = number of related drawing in Appendix D. ('OBS' = obsolete).

## 'Use' column codes

In the three letter code used in this column to indicate applications use, different systems are used for industrial, consumer and special applications as follows:

1. Industrial ... first letter $A, R, S, U$ or $V$; each three letters significant as follows :
(First Letter) (Second Letter) (Third Letter)
$\mathrm{A}=$ Audio $\mathrm{H}=$ High current $\quad \mathrm{A}=$ Amplifier
$\mathbf{R}=\mathrm{Rf} \quad \mathrm{L}=$ Low current $\quad \mathrm{B}=$ Bidirectional
$\mathrm{S}=$ Shf $\quad \mathrm{M}=$ Medium current $\quad \mathrm{C}=$ Chopper
$\mathrm{U}=\mathrm{Uhf}$
$\mathrm{D}=$ Darlington
$\mathrm{E}=$ Extra high voltage
G = General purpose
$\mathrm{H}=$ High voltage
$\mathrm{N}=$ Low noise
P = Power amplifier
$\mathrm{S}=$ Switch
2. Consumer ... first letter F or T ; code significance as follows :
$\mathrm{FRH}=\mathrm{Fm} / \mathrm{am}$ radio, general purpose, high gain
FRM $=\mathrm{Fm} /$ am radio, general purpose, medium gain
FVG $=$ Fm and Vhf (TV), general purpose
TIA $=$ TV, if amplifier
TIG $=$ TV, if amplifier, gain controlled
TLH $=$ TV, horizontal (line) output, high voltage
TLM $=$ TV, horizontal (line) output, medium voltage
TLE $=$ TV, horizontal (line) output, extra high voltage
TUG $=$ TV, uhf amplifier, gain controlled
TUM $=$ TV, uhf mixer
TUO $=$ TV, uhf oscillator
TVE $=$ TV, video output, extra high voltage
TVH $=$ TV, video output, high voltage
TVM $=$ TV, video output, medium voltage
3. Special

BDS = Bidirectional switch
DUA = Dual or differential amplifier pair
FET = Field effect transistor
MPP = Matched pair
PCT = Point contact transistor
PHT = Photo-device
QUA = Quad assembly
THY = Thyristor
UJT = Unijunction transistor

## 'Supplier' column codes

A three-letter code indicating a supplier of the related device according to the details given in Appendix F. ('OBS' implies obsolete type).

## 'Issue' column code

The number in this column denotes the issue number of the data process card used to compile the tables.

## Appendix B

## Lead/Terminal identification






Collor

Mounting
surface
Mounting
surface

## Appendix C

## Case outline




## 阿家

## X 28




X 29


$\times 30$



## X 31



## Appendix D

## Manufacturers' house codes

| 2G | Texas, Germanium |
| :---: | :---: |
| 2N | USA (EIA-Jedec) Standard |
| $2 S$ | Jap (Jis) Standard \& Texas, Silicon |
| 2SA | Jap (Jis) Standard, pnp, high frequency |
| 2SB | Jap (Jis) Standard, pnp, low frequency |
| 2SC | Jap (Jis) Standard, npn, high frequency |
| 2SD | Jap (Jis) Standard, npn, low frequency |
| 2SH | Jap (Jis) Standard, unijunction |
| 2SJ | Jap (Jis) Standard, fet, p-channel |
| 2SK | Jap (Jis) Standard, fet, n-channel |
| A | Amperex \& SGS |
| AC. | Euro (Proelectron) Standard, germanium, low power, If, consumer |
| ACY | Euro (Proelectron) Standard, germanium, low power, If, industrial |
| AD. | Euro (Proelectron) Standard, germanium, power, If, consumer |
| ADY | Euro (Proelectron) Standard, germanium, power, If, industrial |
| ADZ. | Euro (Proelectron) Standard, germanium, power, If, industrial |
| AF | Euro (Proelectron) Standard, germanium, low power, hf, consumer |
| AFY...... | Euro (Proelectron) Standard, germanium, low power, hf, industrial |
| AFZ. | Euro (Proelectron) Standard, germanium, lower power, hf, industrial |
| AL | Euro (Proelectron) Standard, germanium, power, hf, consumer |
| ASY | Euro (Proelectron) Standard, germanium, low power, switch, consumer |
| ASZ. | Euro (Proelectron) Standard, germanium, low power, switch, industrial |
|  | Ates \& Avantek |
| AU | Euro (Proelectron) Standard, germanium, power, switch, consumer |
| AUY | Euro (Proelectron) Standard, germanium, power, switch, industrial |
|  | Solitron (ex Bendix) |
| BC | Euro (Proelectron) Standard, silicon, low power, If, consumer |
| BCW . | Euro (Proelectron) Standard, silicon, low power, If, industrial |
| BCX . | Euro (Proelectron) Standard, silicon, low power, If, industrial |
| BCY. | Euro (Proelectron) Standard, silicon, low power, If, industrial |
| BCZ | Euro (Proelectron) Standard, silicon, low power, If, industrial |
| BD. | Euro (Proelectron) Standard, silicon, power, If, consumer |
| BDX . | Euro (Proelectron) Standard, silicon, power, If, industrial |
| BDY. | Euro (Proelectron) Standard, silicon, power, If, industrial |
| BF . | Euro (Proelectron) Standard, silicon, low power, hf, consumer |
| BFR | Euro (Proelectron) Standard, silicon, low power, hf, industrial |



| ITC... | Intersil |
| :---: | :---: |
| ITE...... | Intersil |
| K........ | КMC |
| KD...... | KMC |
| KR.. | KMC |
| KS. | Kertron |
| KSD | Kertron |
| KSP | Kertron |
| L14.. | GE (USA) |
| LDA. | Mullard |
| LDF...... | Mullard |
| LDS | Mullard |
| MA. | Motorola, Germanium, low power, metal can |
| MD | Motorola, multiple transistor |
| ME. | Amperex \& Microelectronics |
| MF. | Motorola, silicon, low power, metal can |
| MFE. | Motorola, silicon, fet, metal can |
| MHM. | Honeywell (now Solitron) |
| MHO. | Motorola, quadruple transistors, metal can |
| MHT | Honeywell (now Solitron) |
| MJ. | Motorola, silicon, power, metal can |
| MJC.. | Motorola, silicon, power, unencapsulated chip |
| MJE. | Motorola, silicon, power, plastic |
| MM. | Motorola, small signal and rf power, metal can |
| MMCF | Motorola, silicon, leadless 'flip chip' |
| MMCM.. | Motorola, silicon, micro-T, small signal, ceramic |
| MMCS | Motorola, silicon, small signal, unencapsulated chips |
| MMF. | Motorola, silicon, fet, matched pair |
| MMT. | Motorola, silicon, micro-T, small signal |
| MP. | Motorola, germanium, power, metal can |
| MP8. | Microelectronics |
| MPF. | Motorola, fet, plastic |
| MPM | Motorola, silicon, small signal, plastic |
| MPQ | Motorola, silicon, quadrupe multiple, plastic |
| MPS | Motorola, small signal, plastic |
| MPU. | Motorola, programmable, unijunction |
| MO. | Motorola, quadruple multiple |
| MRF | Motorola, if and microwave |
| MT. | Microelectronics |
| MU | Motorola, unijunction |
| NKT. | Newmarket |
| NN. | Sprague |
| NS . | National |
| NTS | Newmarket, silicon, metal can |
| OC. | Old European Standard |
| OD. | Old European Standard |
| OS | JAP (JIS) Standard, photodevice |
| PET. | Philco (obs.) |
| PG | Sprague |
| PL. | Texas |
| PN | Newmarket, plastic version of equivalent ' 2 N ' number |
| PT. | TRW |
| OD...... | Qualidyne |
| SA. | Amelco \& Sprague |
| SC. | Philco (Obs.) |
| SDM | Solitron |
| SDT. | Solitron |
| SE. | Fairchild \& SGS |
| SFT...... | Sescosem |
| SP....... | Sprague |



CV transistors and related commercial prototypes

| CV．NO． | COMM． <br> DEVICE | CV．NO． | COMM． <br> DEVICE | CV．NO． | COMM． DEVICE | CV．NO． | COMM． DEVICE | CV．NO． | COMM． DEVICE |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Cuslcs | 0 C 45 | CV5804 | OC170 | ç 1117 | $0 C 203$ | CV7480 | 2N1511 | CV3333 | 201492 |
| Cu5321 | 2N456 | CVE8Cb | 201123 | cvil18 | $\times \mathrm{E} 114$ | CV7481 | 201512 | CV9335 | $26210 \times 2$ |
| CV5328 | CC $35 \times 2$ | CV5813 | OC12？ | CV7131 | 212C | CV．7482 | 2N1513 | CV9341 | CC．24 |
| CV5329 | CC $28 \times 2$ | CV5e14 | TK 3 CC | CV7132 | 2121 | CV7483 | 2N1514 | cve342 | CC28 |
| CV5334 | OC 450 | CV5418 | AS 223 | cV7133 | 2122 | CV7490 | EfY17 | CV8344 | CC71 |
| CV5337 | OC 13 | cu5e2t | 0C206 | CV7134 | でく3 | CV7491 | efyle | CVB345 | CC14C |
| cv5352 | OC 470 | CV5832 | 2＾595 | CV7151 | 8CY32 | CV7492 | 2N929 | CV8346 | CC77 |
| CV5359 | $\times \mathrm{Cl} 1$ | CV5833 | GEIE75 | CV7154 | 2143 | CV7493 | 2NG3C | CV8347 | 0 C 2 Cl |
| CV5359 | 2 SCO 1 | CV5848 | BC 211 | CV7185 | ASYeg | CV7494 | 0 C 20 | CV2389 | CC71 |
| CV5411 | GETIIOX | CV5849 | OC202 | CV7186 | 1145 | CV7455 | żESG | CVA348 | 0C203 |
| CV541t | OC 84 | CV5850 | 0 C 203 | cu7187 | 2146 | CV7496 | 2N697 | CV8354 | CC170 |
| cV5439 | OC 75 | CV5851 | CE 1573 | cu7188 | OC205 | CV7527 | 211487 | CV8355 | cc22 |
| CV5445 | NKI203 | CV5856 | CET110 | CV7321 | OC72×2 | CV7528 | 2T1488 | CV8356 | 0C29 |
| CV5457 | As 220 | CV53b7 | OC42 | CV732t | GET111 | CV752s | 211489 | CVe359 | 2C3C6 |
| CV5457 | OC 70 | CV5858 | 0 C 2 Cl | CV7327 | CETIC2 | CV7530 | 211490 | cv8360 | 2123 |
| CV5459 | GET104 | CV5860 | 2123 | C67328 | $2 \mathrm{SlC4}$ | CV7554 | 2N2475 | cvezel | 2G1C4 |
| CV5465 | 2N512A | CV58el | $2 \mathrm{C4Cl}$ | CV7333 | $25 C 25$ | CV7555 | 2N2369A | cveste | CET103 |
| CV5620 | 2N 78 | CV5at 3 | 2121 | CV7334 | $2 \mathrm{SC26}$ | CV7580 | 2＾1131 | cv8363 | GETICl |
| CV5621 | 2N144／13 | CV5965 | CC 205 | CV7335 | AFL12 | CV7581 | 2＾1132 | CV3366 | GETS73 |
| CVE622 | 2N158 | CV5878 | GEI102 | CV733t | 25131 | CV1588 | 25104 | CVE368 | $2 \mathrm{Cz21}$ |
| CV5t23 | 2N 247 | CV5879 | GEIll1 | CV7327 | 25131 | CV7593 | 2N2477 | cuezes | 2 C 140 |
| CV5624 | 2¢ 274 | CV5844 | OC2C1 | CV7338 | AS 221 | CV7594 | 2＾2894 | cue370 | 2SCCs |
| CVEt25 | 2＾332 | CV5885 | 1×42C | CV7341 | ecr32 | CV7595 | 2＾3209 | CV8371 | 2ヘ388 |
| CV562t | 2N 331 | CV5887 | 2N2048 | CV7342 | ecr32 | cu75st | 2SIC3 | CV8372 | 263C4 |
| CV5627 | 2N 339 | CV5889 | 2N2C48 | CV7343 | BCr32 | CV7597 | 2N501 | CV8373 | 25168 |
| CV5628 | 2N 344 | CV5302 | GET1C4 | CV7343 | ecr32 | Cいプ98 | 25301 | CV8393 | 25301 |
| CV5029 | 2N357 | CV5909 | 2SCOs | CV7344 | ECY32 | cu76C2 | 21152 | cue3st | 25026 |
| CV5630 | 2Ni284 | CV5G10 | 25019 | CV1345 | 8 CY 32 | CV76C3 | 21153 | CV9357 | 2N13C8 |
| CV5631 | 2N4C4 | CV5S13 | 2N1718 | CV734t | 8 CY 32 | CV7604 | 21154 | CV83c8 | 2N13C7 |
| CV56．2 | 2N457 | CV5942 | 2N1742 | C． 67347 | 0C202 | cu7605 | 2N916 | cre39s | 2N1309 |
| CV5633 | 20458 | CV5949 | 26220 | CV7348 | $2 \mathrm{Nl}_{3} \mathrm{C} 2$ | cuTECE | ALC11 | Cvatcc | 2e22C |
| CV5634 | 21489 | CV5951 | ECY32 | CV7349 | 211304 | CV76C7 | ADC12 | CV3414 | Di1121 |
| CVE635 | 2N451 | CV5960 | $2 \mathrm{SOC2}$ | CV7350 | 2N13Ct | CV7608 | ACY26 | cvests | CT1111 |
| CV5636 | 2N498 | CVEs67 | 26403 | CV7351 | 2N1308 | CV7609 | BFY19 | CV8416 | c11112 |
| CV5637 | 2N452 | CV5970 | OC701k | CV735？ | 2N1303 | CV7610 | efyls | CV8417 | 2 SCO |
| CV5638 | 21550 | CV5974 | 二SIC2 | CV7353 | 2N12C5 | CV7627 | esx15 | CV8421 | 25004 |
| CV5639 | 2＾585 | CV5975 | $2 \mathrm{Sl03}$ | CV7354 | 2＾13C7 | CV7628 | E $5 \times 16$ | CV8422 | 2502 C |
| CV5640 | 2N527 | CV5978 | 2N1255 | CV7359 | 2N1309 | CV7E2S | 25 C 24 | CVE424 | DI4111 |
| CV5641 | 2N651 | CV5¢80 | ocact | CV7361 | Buyll | CV763C | 2N2t96 | CV8425 | CC450 |
| CV5642 | 2N670 | CV5994 | 26225 | CV7362 | esy2e | CV7631 | －＾2¢27 | cv842t | 06476 |
| CV5643 | 2N674 | CV5S95 | 25703 | CV7363 | BCL11 | CV7632 | 2192 | CVE427 | CC470 |
| CV5644 | 2NE97 | cuscse | 2N1744 | CV7365 | CE1115 | cu7633 | 2152 | CV8439 | 2N174×2 |
| CV5645 | 2N1C44／1 | CV7001 | 6ET1C3 | CV73te | 253 cs | cu7639 | 2190 | CVe44C | CC 72 |
| CV5648 | 2N1100 | CV7002 | GET116 | CV737C | 2＾501 | CV7644 | 1189 | cues47 | CC200 |
| CVE647 | 2＾1131 | cu7003 | 0 C 44 | CV7371 | 2183 | CV764t | 2N7C8 | CV8448 | CC23 |
| CV5648 | 2N1139 | cu7cos | OC71 | CV7312 | 2184 | CV7647 | 2S322 | cves51 | 25 Cl 19 |
| CV5649 | 2N1184 | curcce | OC 72 | CV7373 | 2186 | CV7648 | bSYesa | CV8453 | 25.002 |
| CV5650 | 2N1196 | CV7007 | OC 77 | CV7376 | ACY17 | CV7669 | 2N2904 | CV8455 | $25^{5 C O}$ |
| CV5651 | $2 \times 1285$ | cV7008 | GET106 | CV7390 | 261C2 | CV7670 | 2N2905 | CVe467 | 2＾930 |
| CV5652 | 2N1149 | cu7c09 | GET110 | cu73si | 26110 | CV7671 | 2N2SC4A | CV8473 | 2S $524 \times 2$ |
| CV5653 | 2N1150 | cvicio | OC 16 | cv7392 | GEIlle | cv7e72 | 2N29C5A | CVE48C | 0 C 36 |
| CV5654 | 2N1152 | CV7042 | GETE 72 | CV7393 | 2N705 | cv7673 | 2＾2906 | cues84 | 2＾1721 |
| CVEES5 | 2N115s | cvi043 | CC 200 | cv7394 | 2N711 | CV7674 | 2＾2901 | cvesco | 2S321 |
| CV5661 | 201253 | cv7044 | OC 201 | CV7346 | $2 \mathrm{S3C7}$ | CV7675 | 2N290ta | CV8501 | NK1403 |
| CV5663 | 205C2 | c．v7c54 | 0 C 23 | CV7404 | 2＾18¢3 | CV7676 | 2N29C7A | CVE509 | 2N441 |
| CV5703 | 2N173 | cu7056 | 25002 | CV743C | esrze | cvite2 | BFY50 | CV8541 | 201tila |
| CV5710 | OC44 | CV7057 | 2 SCO | CV7431 | BSY27 | CV7723 | EFY51 | cves42 | 2N334A |
| CV5711 | OC77 | CV7058 | $2 \mathrm{SCC4}^{\text {c }}$ | CV7436 | acris | CV7724 | efysz | CV8543 | 2NGE5 |
| CV5712 | OC 71 | CV7C59 | 25005 | CV7437 | ACris | CV7725 | PFYSO | CV8549 | BCL11 |
| CV5713 | 0 C 72 | cu7660 | 25014 | CV7438 | ACy20 | CV7126 | efyst | CVe551 | CC480k |
| CV5733 | 2N277 | CV7061 | 2SC12A | cV7439 | ACr21 | Cv7750 | 2181 | CV8558 | GE1111 |
| CV5740 | 0 C 202 | cv7062 | $2 \mathrm{SCl}^{17}$ | CV7440 | 2＾1613 | c 67751 | 21181 | CV8559 | NK1223 |
| CV5761 | 2N1132 | Cv7063 | 25 Cl 18 | CV7447 | bFY19 | CV7752 | 218？ | cues60 | CCze |
| CV5762 | 2NGO1 | CV7064 | 25019 | CV7448 | ASYGC | CV7753 | 21182 | CV8565 | CC45Ck |
| CV5173 | 2N174 | CV7065 | 25020 | CV7451 | 2N1479 | CV7754 | ＜187 | cueste | 2NS16 |
| cVE774 | GT35 | cu7066 | 2SC13A | CV7452 | 2N148C | CV7155 | 21187 | Cv8582 | 6142 |
| CV5775 | 2N1136B | CV7C74 | GEIIC3 | CV7453 | 2N1481 | Cv9CO7 | 0C7C2K | CV3593 | 2N1536 |
| cv577t | 2N144／13 | cV7C75 | OC2C1 | CV7454 | 2N1482 | CV8015 | 25018 | CV8597 | 2NE7E |
| CV5778 | 2N525 | cvic80 | GE1571 | CV7455 | 2N1483 | cvell1 | GET105 | CV8598 | 2N877 |
| CV5781 | 2N 35 | cv7081 | CET572 | CV1456 | 2N1484 | cuel19 | 2N1302 | CV86CC | 2＾396 |
| CV5782 | 2 N 44 C | Cu7c82 | GET573 | CV7457 | 2N1485 | CV8126 | NKI124 | CV86Cl | 2N7198 |
| CV5784 | 2N377 | cu7ces | OC29 | CV7458 | 2N148t | CVE130 | ACYIs | cube02 | 2N1950 |
| CV5785 | 2N169A | cVic84 | OC35 | CV7459 | OCaCs | cV8150 | cetago | CVE603 | 2N2297 |
| CV5789 | 2N333 | CV7085 | OC28 | CV7460 | AUY10 | CV9252 | $0 \mathrm{C4} 2$ | CV8607 | Gtill |
| CV5192 | 25702 | cu7086 | 0 C 36 | cV74E1 | iS103 | cu8259 | ACyzi | CV86C9 | BFY16 |
|  |  | cu7c8 | GE1875 | CV7462 | 2Ne411 | CVH288 | TK13 | cve611 | 25C24 |
|  |  | cu7ces | OC171 | CV7463 | 2N2412 | CVE 314 | OC76 | cve612 | 25323 |
|  |  | CV7107 | ACr 31 | CV7464 | 2N7C6A | cue315 | $0 ¢ 44$ | CVAG13 | 2S712 |
|  |  | CV7111 | 0 Cl 39 | CV7478 | 2NG18 | CV8316 | $0 C 45$ | CV8618 | GETE85 |
|  |  | cvil12 | OC140 | cu747s | 2N2060 | CV3322 | $26.220 \times 2$ | cu9635 | AFR 11 |


| CV．NO． | COMM． DEVICE | CV．NO． | COMM． DEVICE | CV．NO． | COMM． DEVICE | CV．NO． | COMM． <br> DEVICE | CV．NO． | COMM． DEVICE |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| CV8638 | afl12a | CV9887 | 25017×2 |  | $4 \mathrm{Cl1C}$ | CV5578 | 2N1748A | CV9． 14 | 2N1131A |
| CV8639 | AF 212 E | CVabe9 | 2N 3055 | CV9247 | 8 Cr 31 | CVS585 | EfY2C | CV9925 | 2N7114 |
| CV8641 | GEIg90 | cVessc | 2n3Cs 3 | cus 249 | 26401 | CV9588 | 2N3906 | CVSc27 | OC $71 \times 2$ |
| CV8642 | GEI887 | cuesol | $0 \mathrm{Cl} \mathrm{Cl}^{\text {a }}$ | CV725C | 2N297 | CV9589 | 40250 | Cv9c28 | CC44×2 |
| CVE64？ | こ 57 Cl | cuges | OC 204 | cve2s | 2N357 | CV95co | 40231 | CV9939 | BFY11 |
| CV8645 | 25017 | cversg | 2N458AX2 | CV9く25 | 2N 3553 | cugeoz | 2N4920 | CvS344 | 2N526 |
| CVE647 | 2TS2 | CV8901 | 2N 2739 | CVS256 | 2N3263 | CV5003 | 2N2992 | CV9055 | Euril |
| CVE649 | 2T8E | CV8902 | 2N3054 | CVS258 | GET103×2 | CV96C4 | 2 N 21 Cz | Cvagst | EFY18 |
| cratel | 2 N 12 C 4 | cuescs | 2NICle | cvo259 | OC8 3 | CV96C5 | 2N2993 | cuss5 | 85Y25 |
| Cue662 | 2N1499A | cursca | 2N7C8A | CV9261 | $2 \mathrm{~N} 13 \mathrm{C4}$ | crsbot | 2 N 3824 | CV9958 | ESY27 |
| cust68 | 2N513A | CVE910 | ascze | CVS2t 4 | 0 C 35 | CV9611 | 2N1147 | cucsse | $\Delta$ Syeo |
| Cue673 | 2G，227 | cueall | 2N1700 | cvazte | GE1538 | CV9623 | 2＾3467 | CuFct | Astz1 |
| cvet 77 | 112270 | cvesil | 2N2218 | CV9267 | GET888 | CV9624 | 2N 2252 | Cv9s62 | 2143 |
| Cu3686 | NK1401×2 | cuscis | efyl9 | CVS2so | 2NzES3 | CV9628 | 2N 2232 | CVs975 | 2 NS 47 |
| cusost | 25711 | cuesit | bsy2t | CV9291 | 2N914 | CV96e7 | 2N3236 | CVG977 | $25 C 33$ |
| cve70c | ASY64 | CVE923 | $2 N 444 \mathrm{~A}$ | CVS294 | $\times \times 575$ | CV96E8 | 2N7068 | Cusc78 | 25034 |
| CV8702 | 2NS76 | CVEGく4 | 2＾456A | Cv92c6 | 2 N 45 | CV9669 | 2N2533 | Cv9s79 | 2\＄035 |
| CVE710 | 2N1889 | CV3925 | 2N457A | CV93C0 | 2N2C21 | CVG670 | 2N966 | CV9980 | 25036 |
| cV8712 | 2N2398 | CV3541 | 2N1483 | CVS308 | NKT405 | CV9697 | 2.2108 | CVc986 | 2N335 |
| CV9718 | BCr3s | CV8942 | こS3C？ | CVG］13 | 2N525A | CV¢6\％9 | 2N236s | CV9988 | 2A1641 |
| CVETz2 | 2S306 | CV895C | 2N1259 | CVG314 | enltila | Cva7cc | 2N11473 | cviccis | 2 N 910 |
| CVA 723 | 2N2498 | cueste | OC 139 | Cv9318 | 2N1553 | CV97cl | 2 N 2501 | cvico 37 | 2NIC31E |
| CV9724 | 0 C 83 | cueste | 2N1254 | CV732C | 2N2368 | CV¢702 | 2N 3637 | CV10040 | 25731 |
| Cve725 | 2N＜57 | CV897c | 25302 | CVS321 | 25164 | CV9703 | 2 N 1052 | CV10044 | 2N2916 |
| CV3728 | 2N715 | cueg 72 | 2N2800 | CVE324 | 2N6693 | cv9705 | 2N35C3 | cvioct | 2N3866 |
| CuE129 | 2n7cea | CV897s | 2＾1356 | CV9342 | NK1404 | cvarct | 2 2 2375 | CV10C47 | 2N 3632 |
| CV8756 | ociz？ | Cu3981 | 2N1742＊2 | CV5347 | SE3COI | cv97c | 2 N 3478 | CV10048 | 2N 2497 |
| cval58 | 2N1720 | cuesez | CC： 25 | CV9351 | AF 112 | cvarle | 2N3419 | CV10053 | 2 FT14 |
| CVE760 | ecr31 | cusoo | 2N386 | CVC352 | 2N16718 | CVG717 | 2N1506A | cvicceo | $2 N 743$ |
| cue762 | 25322 | Cr9001 | ASY67 | cves54 | 2＾2861 | CV7718 | 2N2881 | culccel | OC 141 |
| CVE765 | NK1213 | CV90Cz | 2 S 22 C | CV735s | PuYlC | cva719 | 21 ¢87t | CV10063 | nktelt |
| CV9767 | 2N2160 | crouc | 2 N 727 | CV¢3to | BLY11 | CV5724 | esy28 | CV10068 | CC171 |
| CV3775 | A0212 | cusu0g | 2N1507 | Cvg3t 4 | 2N2223A | CV9730 | asyet | cv10075 | $2 N 1485$ |
| cVe781 | 2SC20 | cVs017 | 2N1701 | CV9366 | 2N3072 | CV5734 | $2 N 342$ | cviccer | 2S104 |
| cue782 | 25626 | cuacz | 2N1225 | CV9367 | 2N3442 | CV9735 | 2Nこ41 | CVICC85 | 0 C 205 |
| CVA783 | 25304 | cusozl | 8SY25 | CV9368 | 2N2494 | cval3t | 2N332 | CV10086 | 25307 |
| CVE785 | 2N1309 | CV9029 | 2N721 | cvs 372 | NKTつ18 | CV9737 | 2N333 | CV10054 | ecrez |
| CV8786 | 2N1309 | cus031 | 2N797 | Cvc373 | GEI872 | CV9741 | 2N1488 | CV10c94 | BCY32 |
| CV878s | 2N458A×2 | cuso 33 | Eurll | CV7375 | $\triangle \mathrm{CY}$ З C | CV9742 | 2N1483 | CW10C95 | 2＾13C8 |
| cu8792 | cifliog | CV9035 | 2¢721 | CV9378 | 8F $\times 21$ | CV9760 | 211483 | CV10109 | Asye6 |
| CV8794 | NK．T226 | cus039 | GETE82 | CVsa7s | ESY95A | custel | 211484 | cr10139 | CC466 |
| CVE198 | 2N1302 | crsouc | ASY29 | CV9384 | 2N3235 | Cval62 | 211485 | CVIC140 | 2N3572 |
| CV8799 | 2 NL 303 | cvs047 | 2N2894 | CVG392 | 212475 | CV9763 | 211486 | CV10141 | 2N3110 |
| CVAscc | 2N1184B | cu9048 | 2N269t | Cvoscs | 2N2194 | CV976t | 2N656 | cvic142 | 2Nz891 |
| Cus8Cl | NKT301 | cuscs 5 | 2NG¢E | CV94CC | 2N163 | CVS767 | 2N174A | CV10143 | 40422 |
| CVasfoz | NKT127 | cusose | 2S324 | CV¢407 | 2N539 | CV9777 | A 161／62 | culciso | Z1E2 |
| CV8303 | 2N268 | Cusc59 | ECY40 | CV9415 | 2 C 202 | CV5778 | AC126 | cricieg | EFYS2 |
| CV9804 | ENLC21 | cvaces | OC71 | CV9420 | ecris | CV9780 | 8C1C7 | CV10160 | ADI11 |
| cvesce | 2N1481 | cv9069 | GEIE81 | cvsert | efrso | CV9786 | 2N3584 | CV101tl | 2 Cr 21 |
| cuasc 7 | OC7CO | cuso 70 | GET 1889 | CV943C | ecrac | cV¢791 | iN3121 | Cu10162 | 2N1672 |
| cvesic | AKT 304 | cr9071 | GET892 | CV¢431 | ECY34 | Cv9792 | $2 \mathrm{Cl193}$ | cvicita | 26387 |
| CV8317 | 2N1692 | CV9074 | esr29 | CV943t | $2 N 3441$ | CV97s3 | 2N 3418 | culcleg | $40 \leq 21$ |
| cuesis | ご5722 | cvac 75 | 2NS15 | CV9437 | 2N3442 | CV¢744 | exx 23 | CV10168 | 2N2945 |
| Cuecig | 2N1Cso | CV9083 | 2N2243A | CVs447 | OC77 | CVC797 | $0 \mathrm{C} 83 \times 2$ | cviolec | 25325 |
| CV8B26 | $0 ¢ 203$ | crsu98 | 2N458A | Cus449 | 2＾3858×2 | cvalse | 2N1755 | Cvicis | 25720 |
| CV8927 | $2 \mathrm{SC17}$ | CValcl | 2N2040 | CV945t | ALIC？ | CVs8C7 | 2N2C67 | CV1C183 | $A_{\text {A Y } 19}$ |
| Cuge28 | 2NET7B | cralca | BCY32＊2 | CV5457 | ACr 39 | CV9bce | 2N1899 | CV1019C | 2N＜504 |
| CVA830 | 0 C 44 C | cusiot | C146 | CV94t3 | 2N1711 | CV9809 | 2N338 | CV102C2 | MKI128 |
| Cve831 | CC460 | CV9111 | G143 | CV¢¢47 | 2n2338 | CVE311 | CM378B | CV10209 | NKT4C4＊2 |
| cves 32 | 2N499 | CVS114 | 2S732 | CVG481 | 2Nl309 | cv9el5 | OC20×2 | CV10215 | 2N：1613 |
| cueg37 | NKT713 | CV9128 | $2 N 494$ | CV9482 | ACyl7 | CV¢E29 | 2N422 | CV10235 | BCY72 |
| CV9838 | AKT32 | cV9129 | 2N1016E | CVS483 | ACY20 | CV9029 | 2 N 422 | CV10236 | 8FY72 |
| CV3843 | 2N1613 | cvsizo | 2N1893 | CVG486 | 2N70s | cves3c | 2N¢17 | CV10238 | 2N3543 |
| CV8844 | 2N7C8 | cusi31 | 2N2150 | CV9487 | 2N．1534 | CVS831 | 2N2287 | CV10240 | 211514 |
| CVEB45 | 2N2223 | cu9132 | 2N2E19 | cus cit | 2N1311 | CV9832 | 2N158A | CVIC243 | EF 11 |
| CV8e4t | 2ヘ869 | CV5133 | 2N2484 | CV9498 | 2Nztge | CV¢8E1 | 211479 | CV10244 | 2T1513 |
| CVE847 | 2NS55 | CV9134 | 2N29C5 | CVG508 | efre4 | cusber | 211480 | CV10266 | OC20 |
| CV8348 | 2 N 2270 | CVS157 | 2N1918 | CV9512 | 2 N 2979 | CV98t 3 | 211481 | CV10267 | 2N3731 |
| CVE849 | 2N1038 | cusil7 | 2ctuc | cussi | 2Nさく78 | CV9864 | 211482 | cric268 | 2N3643 |
| cuesso | 2N1907 | Cv9183 | $T \subseteq 1$ ？ | CV9515 | 2N2824 | CV9865 | 211487 | CV10269 | 2N． 3638 |
| CV8856 | 2N1131 | cusi84 | 2N597 | CV9516 | 21211 | CVCBEt | 211488 | Cv1027C | 2N3566 |
| CVE357 | 2N22こ3 | cusioc | AKT271 | CV9518 | 2N289C | CV¢be7 | 211489 | Cvic271 | 2N3565 |
| Cuest3 | 8LY12 | CV9192 | en29C5A | cuss2t | 2N1754 | CV9868 | 211450 | cvic272 | 2N3251 |
| CV8364 | 2Nt45 | cuszos | 25018 | CV9538 | P．C＇Y 54 | CV9869 | $2 N 1573$ | CVIC273 | CC43 |
| cue874 | 2n 2432 | Cv9211 | 2N7CE | CV9562 | 2N69¢ | CVG812 | EN2C33 | CV10274 | 2N711 |
| CV8． 75 | 2N141C | CVesil | EN7C？ | civs63 | 2N1305 | CV9373 | 2ヘ489 | culc 275 | ASY27 |
| CV887t | 2N1506 | cuaz | BSY95 | CV9564 | 2N1369A | CV9888 | 2＾3C19 | cvic27t | AF118 |
| CVe381 | 2N1710 | cvazle | 2N3447 | CV956S | 25733 | CV9ess | ＇esyll | cvi0279 | 21107く |
| CVges 3 | 2N2846 | CV9218 | 40251 | CVE56t | 2 S 3 Cs | CV99C9 | 2N1016a | CW1028C | LCY38 |
| cugset | 25025 | Cuc235 | 2N711 | CV9577 | 2N1531 | CV9913 | 2N338 | CV10283 | ACY26 |


| CV．NO． | COMM． DEVICE | CV．NO． | COMM． DEVICE | CV．NO． | COMM． DEVICE | CV．NO． | COMM． <br> DEVICE | CV．NO． | COMM． <br> DEVICE |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Cv10288 | in2068 | Cul0692 | 2SC24 | CV11C34 | 9Sn25 |  |  |  |  |
| Cu10292 | 263C3 | culc697 | 2N4918 | cvilcac | 2N2925 |  |  |  |  |
| CW10304 | 2N718 | CVIC715 | $40 \leq 54$ | Cvilcal | 2N39C4 |  |  |  |  |
| cvic3c9 | 2N 2410 | CV10718 | casex 2 | CV11042 | 2N22C7 |  |  |  |  |
| culu336 | inz22A | cviot20 | ef．Y17 | CV11043 | 2N567 |  |  |  |  |
| Cv10337 | ESY38 | Cvic732 | 2N1762 | Cu1lc4 4 | 2N2501 |  |  |  |  |
| CV10339 | BSY39 | cuic $73 t$ | 2N2243 | cvilcas | 2N2148 |  |  |  |  |
| cvic345 | Buric | CV10739 | 2T1708 | CV11046 | 2N2923 |  |  |  |  |
| CV10350 | 2N 2063 | CV10740 | 2T123 | CV11047 | 2N2924 |  |  |  |  |
| Cv10351 | 2N3302 | Cul0741 | ZT184 | CV11054 | EFX35 |  |  |  |  |
| CV10352 | 2N3043 | culc 747 | 2N 2504 | cullcst | 2Nこ741 |  |  |  |  |
| Cvic353 | 2N 3 C51 | Cvic750 | 219 C | CV11C58 | BFY82 |  |  |  |  |
| culo3e7 | 2N424 | CV10751 | 2 G 386 | CV1106C | て18¢ |  |  |  |  |
| CV1037t | CETB8C | CV10766 | 2N4393 | CW11062 | 2N2604 |  |  |  |  |
| CV10379 | EFY 57 | cul0767 | EF 185 | cvilcio | 25024 |  |  |  |  |
| Cu1C381 | Ax T4Cl | cvic7es | 8F184 | cviloll | 25025 |  |  |  |  |
| CV10384 | 2N14C | culoteg | ecic9 | CV11072 | 2SC26 |  |  |  |  |
| CV10391 | 2N2479 | CV10778 | 㫙 $\mathrm{Y} 72 \times 2$ | CV11078 | EF×11 |  |  |  |  |
| CV10393 | 2N2405 | CV10779 | 2N3063 | cullos | 21152 |  |  |  |  |
| cv1c394 | 26382 | Cu10786 | 2＾6598 | cullcal | 21210 |  |  |  |  |
| CV10396 | 255C2 | CV1078 | 2N 3998 | CV11092 | 10142 |  |  |  |  |
| CV104C9 | 2S 327 | CV10788 | 2N3420 | CV11095 | 211484 |  |  |  |  |
| cvio41c | 2N2380 | cvi0789 | 2N3570 | cvilcat | 2191 |  |  |  |  |
| cvioull | 2N2865 | cvicect | BC．10¢ | cullcss | 2N84E |  |  |  |  |
| cvicul2 | 2N＜950 | cvic80s | 0．71 | CV11113 | 2N3439 |  |  |  |  |
| cul0413 | 2N2S51 | CV10814 | ecril | CV11123 | acril |  |  |  |  |
| CV10414 | 2N2998 | CV10815 | 8S×21 | CW11135 | 2N2907A |  |  |  |  |
| CV10415 | 2NES7 | culos21 | Efx39 | CV11137 | 2N722 |  |  |  |  |
| CuIO416 | 2N930 | culce24 | 2Nzs9t | CV11139 | 2N720A |  |  |  |  |
| CV10419 | 2N1566A | CV10827 | EFYgl | CV11143 | 2N4401 |  |  |  |  |
| CV1042C | 2N1049A | CW10828 | 2N3905 | CV11144 | $2 N 4403$ |  |  |  |  |
| cric432 | 2＾1132 | Cvic834 | 25501 | CV11145 | $4034 t$ |  |  |  |  |
| CVIC440 | EC107 | culce36 | EDY11 | CV11147 | 40348 |  |  |  |  |
| cvic441 | 2N3440 | cvice37 | ECY5 | CVI1149 | 2N3791 |  |  |  |  |
| cviout 7 | NKT12 | CV10838 | 2NE274 | CV11151 | 2N1275 |  |  |  |  |
| Cv10471 | EfY52 | CV10845 | 2SC32 | CV11152 | 25512 |  |  |  |  |
| culcsos | 2N2218 | culcest | 2N2773 | CV11153 | 2N2133 |  |  |  |  |
| Cvicsil | 2N743×2 | CV10850 | E $¢ \times 19$ | CV11155 | 2N2147 |  |  |  |  |
| Cvios20 | BFY79 | CV10855 | NKT228 | CV11227 | 2N2944 |  |  |  |  |
| cvios 31 | EFY44 | cviost2 | ZTE1 | CV11228 | EF×48 |  |  |  |  |
| Cvics32 | 2＾3018 | culcet3 | 21403P | CV11229 | 211479 |  |  |  |  |
| CuIC533 | errso | cuicett | 2142 | CV1123t | ECY71 |  |  |  |  |
| culcs 40 | BFXE4 | CV10879 | 2530 C | CV11238 | 8FY51 |  |  |  |  |
| CV10541 | BC108 | CV10885 | OC $35 \times 3$ | CVI1241 | 2 N 4348 |  |  |  |  |
| CV10544 | escoz | CV10886 | ECY42 | CV11242 | 2N3240 |  |  |  |  |
| cuic547 | 2N3234 | cvic893 | 2N 2444 | cv11243 | 2N1396 |  |  |  |  |
| CV10548 | 2N4C3t | culc895 | 2Nb128 | CVI1248 | 2N19C5 |  |  |  |  |
| CV10550 | ACr22 | CV10898 | 2NE52A |  |  |  |  |  |  |
| CV10552 | 2N3262 | CV10899 | 2N11838 |  |  |  |  |  |  |
| CV1055t | 2N1489 | criosoc | 2N2C48 |  |  |  |  |  |  |
| cvic557 | 2N4S7 | cvioscl | 2N2043 |  |  |  |  |  |  |
| CV10558 | 2N3118 | CV10905 | e5r39／2 |  |  |  |  |  |  |
| CV1056C | 2N3935 | crivacs | Afl 24 |  |  |  |  |  |  |
| culosti | 2N3202 | cvicscg | AS215 |  |  |  |  |  |  |
| cuicstz | 2N363t | culc910 | 2N1C41 |  |  |  |  |  |  |
| culu5t3 | 2N2C78 | cvi0911 | 2N495 |  |  |  |  |  |  |
| CV10564 | 2N3702 | CV10912 | 2N718A |  |  |  |  |  |  |
| CV10575 | 2N3935 | culc918 | ECY55 |  |  |  |  |  |  |
| culc5 ${ }^{\text {c }}$ | 26．3C9 | crics ${ }^{\text {c }}$ | 2N43¢9 |  |  |  |  |  |  |
| CV1C577 | 2N3223 | CV1CS44 | 2N2641 |  |  |  |  |  |  |
| Cv1058C | 2N383 | Cv10945 | 2N727 |  |  |  |  |  |  |
| CV10581 | 2N1373 | CV1054t | 2N3712 |  |  |  |  |  |  |
| cvic582 | 2N2189 | cvicsil | NKT143 |  |  |  |  |  |  |
| CW10583 | 2N2635 | cvics80 | 2N2C34 |  |  |  |  |  |  |
| cvic584 | 2N 3391 | cV10581 | 2N2452 |  |  |  |  |  |  |
| CV109e5 | 2N22184 | CV10986 | ES× 30 |  |  |  |  |  |  |
| cu1c588 | 2N2185 | cuicsso | ecric |  |  |  |  |  |  |
| cuic5ss | 2N343t | cvic992 | GET875 |  |  |  |  |  |  |
| cvicocl | 2N657A | Cu10993 | e0121 |  |  |  |  |  |  |
| culotoz | 2N1481 | CV10995 | GET872 |  |  |  |  |  |  |
| CV10618 | ectiot | cuics96 | 2N7C5 |  |  |  |  |  |  |
| cul0627 | 2 N 1146 | cuics99 | 2N1554 |  |  |  |  |  |  |
| cuicers | BFX88 | cvilcoo | 2N 2977 |  |  |  |  |  |  |
| CV10675 | AC176 | CV11007 | 2N3585 |  |  |  |  |  |  |
| cviotac | 2N2192 | culiolo | 2N5416 |  |  |  |  |  |  |
| culcerl | Efyt3 | culicli | 2N2613 |  |  |  |  |  |  |
| Cvic682 | 2 N 37 C 3 | Cvilciz | B0 123 |  |  |  |  |  |  |
| Cu10683 | 2N 3704 | CV11013 | BS $\times 27$ |  |  |  |  |  |  |
| CV10t84 | 2 N 3819 | CV11014 | ECY43 |  |  |  |  |  |  |
| culot 86 | 2N1306 | CVI1023 | 2N2857 |  |  |  |  |  |  |

## (and codings for tabulation 'Supplier' column)

AEI Semiconductors Ltd
Carholme Road, Lincoln, UK Tel. 0522-29992
Amelco Semiconductors
1300 Terra Bella Avenue, Mountain View, California, USA
AMP Amperex Electronic Corporation, Semiconductor Division,
Slatersville, Rhode Island, 02876, New York, USA

## ATB SGS/ATES (UK) Ltd

Planar House, Walton Street, Aylesbury, Buckinghamshire, UK
Tel. Aylesbury 5977
Componenti Elettronici SPA
Via Tempesta 2, Milan, Italy
2981 Copper Road, Santa Clara, California, USA
Continental Device Corporation
12515 Chadron Avenue, Hawthorne, California, USA
147 Sherman Street, Cambridge, Massachusetts 02140, USA
Delco Electronic Division, General Motors Corp.
700E. Firmin Street, Kokomo, Indiana, 46901, USA
Dickson Electronics Corporation
310 South Wells Fargo Avenue, Scottsdale, Arizona, 85252, USA
Electronic Transistors Corporation
153/13 Northern Boulevard, Flushing, New York, 11354, USA Fairchild Semiconductor Ltd.
Kingmaker House, New Barnet, Enfield Road, Hertfordshire, UK Tel 01-440-7311
Fairchild Semiconductor Corporation
401 Ellis Street, Mountain View, California, 94040, USA
Ferranti Ltd
Gem Mill, Chadderton, Oldham, Lancashire, UK
Tel 061-624-6661
Fujitsu Ltd
1015 Kamikodanaka, Kasawaki City, Kanagawa, JAPAN
International General Electric Company of New York Ltd 296 High Holborn, London, WC1, UK Tel 01-242-6868
General Electric Company
Semiconductor Product Department, Build 7, Electronics Park, Syracuse, New York 13201, USA
General Instruments (UK) Ltd
Cock Lane, High Wycombe, Buckinghamshire, UK Tel High Wycombe 27856
General Instruments Corporation
600 West John Street, Hicksville, New York, 11802, USA
(Hitachi Agent) Ataka \& Co (UK) Ltd
Roman House, Wood Street, London, EC2Y-5BS, UK Tel 01-638-8901
Hitachi Ltd
Electronic Devices Division, Marunouchi Building, 41 -Chome,
Marunouchi Chiyoda-Ku, Tokyo, JAPAN
Industro Transistor Corporation
35-10 36th Avenue, Long Island City, New York, 11106, USA Intersil Inc.
10900 North Tantau Avenue, Cupertino, California, 95014, USA ITT Semiconductors,
Footscray, Sidcup, Kent, UK Tel 01-300-3333
ITT Semiconductors
3301 Electronics Way, West Palm Beach, Florida, 33047, USA
Kertron Inc

7516 Central Industrial Drive, Riviera Beach, Florida, 33047, USA

KMC KMC Semiconductor Corporation
Parker Road, R.D.2, Long Valley New Jersey, 07853, USA
LTT Lignes Telegraphiques et Telephoniques
Boite Postale No. 5, Conflans-Ste-Honorine, Yvelines, FRANCE
LUB Joseph Lucas (Elec) Ltd
Mere Green Works, Mere Green Road, Four Oaks, Sutton
Coldfield, Warwickshire, UK Tel 021-308-3501
MAT Matsushita Electronics Corp
Saiwaicho 1 - Takatsuki, Osaka, JAPAN
MBL MBLE (Manufacture Belge De Lampes et De Materiel Electronique)
Rue des Deux Gares 8, Brussels 1070, BELGIUM
MCB Microelectronics Ltd
York House, Empire Way, Wembley, Middlesex, HA9-OPA, UK Tel 01-903-2721
MCE Microelectronics Ltd
38 Hungto Road, Kwung Tong, Kowloon, HONG KONG
MIQ (Mistral Agent) Thomson CSF UK Ltd
Bilton House, Uxbridge Road, Ealing, London, W5-2TT, UK Tel 01-569-1857
Mistral (Manifattura Intereuropea Semiconduttori Transistori Latine)
Via Carnevali 113, Milan, ITALY
MIT Mitsubishi Electric Corporation,
Tokyo Buildings, 2-12 Marumouchi, Chiyoda-Ku, Tokyo, JAPAN
MOB Motorola Semiconductors Ltd
York House, Empire Way, Wembley, Middlesex, HA9-OPA, UK Tel 01-903-0944
MOU Motorola Semiconductor Products Inc
5005 East McDowell Road, Phoenix, Arizona, USA
MUB Mullard Ltd
Mullard House, Torrington Place, London, WCIE-7HD, UK Tel 01-580-6633
NAB National Semiconductor (UK) Ltd
The Precinct, Broxbourne, Hertfordshire, UK Tel Hoddesdon 69571
NAT National Semiconductor Corp
2900 Semiconductor Drive, Santa Clara, California, 95051, USA
NEM Newmarket Transistors Ltd
Exning Road, Newmarket, Suffoik, UK Tel Newmarket 3381
NIP Nippon Electric Company Ltd
1753 Shimounumaba, Kawasaki City, JAPAN
NUC Nucleonic Products Co Inc, Nucleonic Components Devices Division
6660 Variel Av, Canoga Park, California 91303, USA
QUA Qualidyne Corporation
1230 Bordeaux Drive, Sunnyvale, California, 94806, USA
RAY Raytheon Company, Semiconductor Division
350 Ellis St, Mountain View, California, 94040, USA
RCB RCA (Great Britain) Ltd
Lincoln Way, Windmill Road, Sunbury-on-Thames, Middlesex, UK, Tel Sunbury 85511
RCU RCA Corporation, Solid State Division
Route 202, Somerville, New Jersey, 18876, USA
RTC RTC (La Radio Technique - Compelec)
130 Avenue Rollin, Paris 11, FRANCE
SAK Sanken Electric Co Ltd
1-22-8 Nishi-Ikebukure, Toshima-Ku, Tokyo, JAPAN
SAN Sanyo Electric Trading Co. Ltd,
Moriguchi, Osaka, JAPAN

SAS Sescosem (Societe Europeenne De Semiconducteurs et de microelectronique)
101 Boulevard Murat, Paris 16, FRANCE
SEU (Sescosem Agent) Thomson CSF UK Ltd
Bilton House, Uxbridge Road, Ealing, London, W5-2TT, UK
Tel 01-579-5511

## SEV Semitron Ltd

Cricklade, Wiltshire, UK Tel Cricklade 464
SGB SGS/ATES (UK) Ltd
Planar House, Walton Street, Aylesbury, Buckinghamshire, UK Tel Aylesbury 5977
SGI SGS (Societa Generale Semiconduttori Spa)
Via C Olivetti 1, Agrate Brianza, Milan, ITALY
SHI Shindengen Electric Mfg Co Ltd
New Ohtemachi Building, 2-1, 2-Chome Ohtemachi, Chiyoda-
Ku, Tokyo 100, JAPAN
SIB Siemens (UK) Ltd
Great West House, Great West Road, Brentford, Middlesex, UK Tel 01-568-9133
SID Siemens Aktiengesellschaft
Bereich Halbleiter, Balanstrasse 73, Munich 80, WEST GERMANY
SIT Silicon Transistor Corporation
East Gate Boulevard, Garden City, Long Island, New York, 11530, USA
SIU (Silicon Transistor Agent) Walmore Electronics Ltd
11-15 Betterton Street, London, WC2H 9BS, UK
SIX Siliconix Incorporated
2201 Laurelwood Road, Santa Clara, California, 95054, USA
SOD Solid State Devices Inc
12741 Los Nietos Rd, Santa Fe Springs, California, 90670, USA
SOT Solitron Devices Inc
1177 Blue Heron Boulevard, Riviera Beach, Florida, 33404, USA
SOU (UK Division of Solitron) Solidev Ltd
Edison Road, Bedford, MK41-OHG, UK Tel Bedford 60531
SOY Sony Corporation,
Atsuigi Plant, 14-1 Asahi-Sho 4, Atsuigi-Shi, Kanagawa-ken 243, JAPAN
SPG Sprague Electric Company
Semiconductor Division, 115 Northeast Cutoff, Worcester, Massachusetts, USA
TAD Tadiran Israel Electronics Industries Ltd 3 Derech Hashalom, (PO Box 648), Tel Aviv, ISRAEL
TAG Transistor AG,
Hohlstrasse 610, 8048 Zurich, SWITZERLAND
TFB (Telefunken Agent) MCP Electronics Ltd
Station Wharf Works, Alperton, Wembley, Middlesex, HAO4PE, UK Tel 01-902-5941
TFK AEG-Telefunken
71 Heilbronn, Postfach 1042, WEST GERMANY
TIB Texas Instruments Ltd
Manton Lane, Bedford, UK Tel Bedford 67466
TIF Texas Instruments France SA
06 Villeneuve-Loubet, A.M., FRANCE
TIU Texas Instruments Inc
Components Group, 13500 North Central Expressway, PO Box 5012, Dallas, Texas, 75222, USA
TIW Texas Instruments Deutschland Gmbh
8050 Freising, Haggertystrasse 1 Freising, WEST GERMANY

TKS Tokyo Sanyo Electric Company Ltd
Semiconductor Division, Oisunimachi, Oragun Gumma, JAPAN
TOB (Toshiba Agent) Erie Electronics Ltd
South Denes, Great Yarmouth, Norfolk, UK Tel Gt. Yarmouth 4911
TOS Toshiba (Tokyo Shibaura Electric Co)
Toshiba Building, 2-1 Ginza, 5-Chome Chou-ku, Tokyo, JAPAN
TRB (TRW Agent) MCP Electronics Ltd Station Wharf Works, Alperton, Wembley, Middlesex, HAO-4PE, UK Tel 01-902-594
TRW TRW Semiconductors Inc
14520 Aviation Boulevard, Lawndale, California, 90260, USA
VAL Valvo Gmbh
Valvo Haus, Burchardstrasse 19, Hamburg 1, WEST GERMANY

# Towers' Internationa Transistor Selector 

T D Towers, MBE, MA, BSc, C Eng, MIERE

