



Logic Product Development
PN: 1004424 Rev A

Bill of Materials

BOM	Pgs
AMD Geode™ NX DB1500S Development Board	1 - 12

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BOM REPORT

Part Number 1004424
 Part Description ASSEMBLY, PCB, AMD - GEODE NX
 Part Revision A



Part Number	Item Rev	Qty	Ref Des	Item Description	Initial MFG Name	Initial MFG Part Number
1004424	A			ASSEMBLY, PCB, AMD - GEODE NX		
1000125	A	1	U13	IC, AUDIO CODEC, STEREO	Realtek	ALC203
1000134	A	1	U9	IC, SUPER I/O	Winbond	W83627HF
1000221	A	10	R58, R60, R130, R138, R210, R212, R283, R284, R286, R287	RESISTOR, 49.9 OHM, 1/16W, 1%, 0402	Rohm	MCR01MZPF49R9
1000223	A	5	R332-R336	RESISTOR, 330 OHM, 1/16W, 5%, 0402	ROHM	MCR01MZPJ331
1000355	A	2	R453, R455	RESISTOR, 13K OHM, 1/16W, 1%, 0402	Yageo America	9C04021A1302FLHF3
1000492	A	1	J11	CONNECTOR, HEADER, MALE, 1.0MM, 41PIN, 2X	Hirose	DF9-41P-1V-54
1000536	A	1	CN5	CONNECTOR, MALE, SHROUDED, KEYED, LOCKING, 0.100IN, 4PIN, 1X4	MOLEX	70543-0003
1000547	A	5	R100, R251, R253, R476, R477	RESISTOR, 47 OHM, 1/16W, 5%, 0402	Yageo America	9C04021A47R0JLHF3
1000551	A	3	R22, R307, R314	RESISTOR, 56.2K OHM, 1/16W, 1%, 0402	BC Components	2312 275 15623
1000555	A	2	R1, R2	RESISTOR, 680 OHM, 1/16W, 1%, 0402	Yageo America	9C04021A6800FLHF3
1000557	A	2	C2, C3	CAP, CERAMIC, 680PF, 60V, X7R, 0402	Yageo America	04022R681K9B20D
1000596	A	1	U4	IC, BGA 695, NORTHBRIDGE CHIPSET	Silicon Integrated Systems	SIS741CX
1000597	A	1	U5	IC, MBGA505, MUTIOL MEDIA I/O	Silicon Integrated Systems	SIS964
1000604	A	1	J3	CONNECTOR, HEADER, MALE, 20X2	AMP	111782-8
1000606	A	2	CON1, CON2	CONNECTOR, SATA SYSTEM PLUG, VERT, STANDARD TYPE, 1X7	Molex	67491-0010
1000611	A	1	EEPROM1	IC, EEPROM, SERIAL, 1K,10MS, 2.7-5.5V,SOIC8	ISSI	IS93C46A-3GR
1000633	A	1	U21	IC, POWER SUPPLY, CPU CORE, TSSOP-28	Fairchild	FAN5240MTCX
1000635	A	1	U8	IC, 10/100M FAST ETHERNET PHYCEIVER, LQFP-48, REV D	REALTEK	RTL8201CL-VD
1000644	A	2	U10, U11	IC, RS232 XCVR, 3 XMT, 5 RCV, TSSOP-20	Texas Instruments	GD75232PW
1000648	A	7	UD1-UD7	DIODE,SCHOTTKY, DUAL, SERIES, SOT-23	Diodes Inc	BAT54S-7



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1000650	A	1	CLK1	IC, GLOCK GEN FOR SIS741/964, SSOP-48	Winbond	W83194BR-703
1000651	A	1	CLK2	IC, DDR CLOCK BUFFER, 2 DIMM, SSOP-28	Winbond	W83176R-732
1000657	A	4	D1, D7-D9	DIODE, 100V, 1A, 4148, MINI-MELF	Diodes Inc	LL4148
1000663	A	10	L1-L10	INDUCTOR, .01UH, 1.0A, SMT 1008	Coilcraft	1008CS-100XJBC
1000666	A	5	F1-F5	FUSE, POLYSWITCH 1.5A RESETABLE FUSE SMD 1206	LITTLEFUSE	1206L150WRT
1000667	A	1	X1	BATTERY HOLDER, VERT, CR2032, TH	Renata	VBH2032-1
1000671	A	1	R464	RESISTOR, THERMISTOR, 10K, 1%, B = 3435, SMT 0603	Panasonic	ERTJ1VG103FA
1000714	A	1	P3	CONNECTOR, RCA JACK, RA, PCB, TH	Keystone	901
1000716	A	2	B1, B2	SWITCH, TACT, SPST, TH	ITT Cannon	PTS453SL38
1000747	A	2	R226, R227	RESISTOR, 75 OHM, 1%, 0402	YAGEO	9C04021A75R0FLHF3
1000761	A	7	C20, C23, C26, C29, C32, C35, C326	CAP, CERAMIC, 0.22UF, 10V, X7R, 0402	Panasonic	ECJ-0EF1A224Z
1000769	A	53	R57, R59, R101, R120, R121, R134-R136, R189, R191, R193-R195, R201, R202, R204, R205, R217-R219, R221, R223-R225, R230-R250, R252, R254-R259, R337	RESISTOR, 33 OHM, 1/16W, 5%, 0402	Yageo	9C04021A33R0JLHF3
1000779	A	5	C1, C4-C7	CAP, CERAMIC, 5PF, 50V, NPO, 0402	Panasonic	ECJ-0EC1H050J
1000780	A	1	C9	CAP, CERAMIC, 0.047UF, 16V, X5R, 0402	AVX	0402YD473KAT2A
1000781	A	3	C122, C123, C127	CAP, CERAMIC, 15PF, 50V, 5%, 0402	MURATA	GRM1555C1H150JZ01D
1000782	A	1	R28	RESISTOR, 40.2 OHM, 1/16W, 1%, 0402	Yageo America	9C04021A40R2FLHF3
1000783	A	1	R21	RESISTOR, 51 OHM, 1/16W, 5%, 0402	Panasonic	ERJ-2GEJ510X
1000784	A	17	R6, R7, R16, R31-R35, R45, R47-R50, R451, R479, R480, R482	RESISTOR, 270 OHM, 1/16W, 5%, 0402	Panasonic	ERJ-2GEJ271X
1000785	A	3	R24, R25, R52	RESISTOR, 56.2 OHM, 1/16W, 1%, 0402	Panasonic	ERJ-2RKF56R2X
1000787	A	3	R3, R4, R62	RESISTOR, 60.4 OHM, 1/16W, 1%, 0402	Panasonic	ERJ-2RKF60R4X
1000788	A	4	R392, R409-R411	RESISTOR, 124 OHM, 1/16W, 1%, 0402	Panasonic	ERJ-2RKF1240X
1000789	A	1	R175	RESISTOR, 127 OHM, 1/16W, 1%, 0402	Panasonic	ERJ-2RKF1270X



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1000790	A	3	R126, R394, R408	RESISTOR, 130 OHM, 1/16W, 1%, 0402	Panasonic	ERJ-2RKF1300X
1000791	A	1	R5	RESISTOR, 301 OHM, 1/16W, 1%, 0402	Panasonic	ERJ-2RKF3010X
1000792	A	1	R173	RESISTOR, 374 OHM, 1/16W, 1%, 0402	Panasonic	ERJ-2RKF3740X
1000793	A	1	R203	RESISTOR, 475 OHM, 1/16W, 1%, 0402	Panasonic	ERJ-2RKF4750X
1000797	A	21	RN21-RN38, RN49-RN51	RESISTOR, ARRAY (4) 33 OHM, 5%, SMT	Panasonic	EXB-28V330JX
1000799	A	1	R132	RESISTOR, ARRAY (4) 8.2K OHM, 5%, SMT	Panasonic	EXB-28V822JX
1000814	A	8	RN20, RN39-RN41, RN45-RN48	RESISTOR, ARRAY (4) 2.7K OHM, 5%, SMT	Panasonic	EXB-28V272JX
1000815	A	3	RN42-RN44	RESISTOR, ARRAY (4) 5.1K OHM, 5%, SMT	Panasonic	EXB-28V512JX
1000817	A	2	R306, R321	RESISTOR, 2.7K OHM, 1/16W, 5%, 0402	Panasonic	ERJ-2GEJ272X
1000825	A	1	R454	RESISTOR, 16.9K OHM, 1/16W, 1%, 0402	Panasonic	ERJ-2RKF1692X
1000826	A	1	R450	RESISTOR, 75K OHM, 1/16W, 5%, 0402	Panasonic	ERJ-2GEJ753X
1000831	A	3	L28-L30	INDUCTOR, 100NH, 5%, 0603, .4A	Coilcraft	0603CS-R10XJBW
1000842	A	10	C175, C301, C302, C309, C310, C314, C315, C320, C321, C339	CAP, ELECTROLYTIC, 1000UF, 6.3V, .038 OHM, 20%	Panasonic	EEU-FM0J102
1000843	A	2	U18, U19	IC, POWER REG, 3 TERMINAL ADJUSTABLE, 3A, TO-263	Sipex	SPX1587AT
1000844	A	3	U15, U17, U20	IC, POWER REG, 800MA, ADJUSTABLE, LDO, .5%, SOT-223	NATIONAL	LM1117MPX-ADJ
1000845	A	2	D10, D15	IC, POWER REG, ADJUSTABLE PRECISION ZENER SHUNT REGULATOR, 1%, SOT23-5	TI	TLV431AIDBVR
1000846	A	1	Q18	MOSFET, P-CH, 20V, 2A, SOT23	FAIRCHILD	FDN340P
1000850	A	2	L47, L48	INDUCTOR, POWER, 1.62UH, 11A, 15%, TH	Mintronix	48079780
1000851	A	1	L46	INDUCTOR, POWER, 1.1UH, 4A, 12%, TH	Mintronix	48079790
1000859	A	1	R393	RESISTOR, 205 OHM, 1/10W, 1%, 0805	Panasonic	ERJ-6ENF2050V
1000860	A	1	R396	RESISTOR, 105 OHM, 1/10W, 1%, 0805	Panasonic	ERJ-6ENF1050V
1000861	A	2	R400, R401	RESISTOR, 127 OHM, 1/10W, 1%, 0805	Panasonic	ERJ-6ENF1270V
1000862	A	1	R402	RESISTOR, 56.2 OHM, 1/10W, 1%, 0805	Panasonic	ERJ-6ENF56R2V
1000866	A	2	Q22, Q24	MOSFET, N-CH, 30V, 13A, SO-8	Fairchild	FDS6294
1000868	A	2	Q23, Q25	MOSFET, N-CH, 30V, 21A, SO-8	Fairchild	FDS6699S
1000872	A	1	C305	CAP, ELECTROLYTIC, 470UF, 6.3V, RADIAL	Panasonic	EEUFC0J471
1000883	A	1	Q8	TRANSISTOR, PNP, -60V, -800MA SOT-23	Fairchild	MMBT2907A



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1000900	A	1	U3	IC, REGULATOR, 2.5V, LDO, 150MA, SOT23-5	National	LP2985IM5X-2.5
1000945	A	1	U12	IC, TEMP SENSOR, DUAL, MSOP-8	National	LM90CIMMX
1000947	A	2	C313, C340	CAP, ELECTROLYTIC, 1000UF, 10V, RADIAL	Panasonic	EEUFC1A102
1000971	A	2	Q15, Q19	FET, N-CH, 30V, 5A, 1.6W, SOT23-6	Fairchild	FDC633N
1000972	A	1	Q43	MOSFET, P-CH, -20V, -4.5A, SUPERSOT-6	Fairchild	FDC640P
1000985	A	2	JP29, JP30	CONNECTOR, HEADER, MALE, 0.100IN, 9 PIN, 5X2, KEYED (CUT FROM 21000225, PIN 9 REMOVED)	Pinrex	
21000225	B	.125		CONNECTOR, HEADER, MALE, 0.100IN, 80PIN, 2X40	Pinrex	
1000987	A	1	Y6	CRYSTAL, 12.000MHZ, 50PPM, TH	Abrakon	ABL-12.000MHZ-T
1000988	A	1	Y3	CRYSTAL, 14.318 MHZ, 50PPM, TH	Abrakon	ABL-14.31818MHZ-T
1000989	A	2	Y1, Y4	CRYSTAL, 25.000MHZ, 50PPM, TH	Abrakon	ABL-25.000MHZ-F-T
1001002	A	1	J5	CONNECTOR, HEADER, MALE, 0.100IN, 3PIN, 1X3, FRICTION LOCK	Molex	22-27-2031
1001028	A	1	U6	IC, DDR TERMINATION REGULATOR, SOP-8	Winbond	W83310S-N
1001046	A	3	C36-C38	CAP, ELECTROLYTIC, 680UF, 2.5V, LOW ESR, SMT	SANYO	2R5TPD680M
1001047	A	1	U7	CONNECTOR, DB-9/DB-15/DB-25, PC99	Foxconn	DM11351-PV5
1001079	A	4	D11-D14	DIODE, SCHOTTKY, 40V, 1A, DO-214AC	Vishay	SS14
1001151	A	1	Q49	MOSFET, N-CH, 100V, 5.6A, .2 OHM, D2-PAK	Fairchild	IRFW520A
1001214	A	4	CN1-CN4	CAP, CERAMIC, 220PF, 50V, 10%, NPO, 0805 ARRAY X4	Panasonic	ECJ-TVC-1H221K
1001362	A	1	P1	CONNECTOR, USB HOST DUAL/RJ45, W/ MAGNETICS, AUTO MDX	Elec & Eltek International	MC-11A2GYA4-H34K
1001377	A	1	J7	CONNECTOR, AUDIO, TRIPLE, PC-99	Foxconn	JA33331-H21P-4F
1001407	A	1	U106	IC, HEX BUFFER, OPEN DRAIN, LV, TVSOP 14	Texas Instruments	SN74LV07ADGVR
1001452	A	2	C251, C252	CAP, CERAMIC, 22UF, 6.3V, X5R, 0805	TDK Corporation	C2012X5R0J226M
1001582	B	0		ASSEMBLY DRAWING, PCB, AMD - GEODE NX-DB1500S-EVAL-KT		
1001631	A	1	D16	DIODE, ZENER, 3.3V, 500MW, SOD-123	ON Semiconductor	MMSZ4684T1
1001739	A	1	U2	IC, DUAL COMPARATOR, 2-36 V SUPPLY, SOIC-8	TI	LM2903DR
1001873	A	3	C199, C286, C287	CAP, ELECTROLYTIC, 220UF, 10V, SMT	NICHICON	UWT1A221MCL1GS



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1001874	A	1	C232	CAP, ELECTROLYTIC, 22UF, 16V, SMT	NICHICON	UWT1C220MCL1GB
1002105	A	15	R70, R98, R99, R105-R108, R190, R192, R197, R199, R200, R329, R474, R475	RESISTOR, 10 OHM, 1/16W, 5%, 0402	Panasonic	ERJ-2GEJ100X
1002106	A	3	R17, R18, R269	RESISTOR, 470 OHM, 1/16W, 5%, 0402	Panasonic	ERJ-2GEJ471X
1002107	A	11	R19, R26, R27, R37-R40, R42-R44, R66	RESISTOR, 680 OHM, 1/16W, 5%, 0402	Panasonic	ERJ-2GEJ681X
1002124	6	0		SCHEMATIC, AMD GEODE NX		
1004373	A	1		PCB, AMD GEODE NX		
1004457	A	0		FUNCTIONAL TEST PROCEDURE, AMD NX DB1500		
15050008	B	1	C230	CAP, CERAMIC, 100PF, 50V, X7R, 0402	Panasonic	ECJ-0EB1H101K
15050016	B	2	C233, C348	CAP, CERAMIC, 2200PF, 50V, X7R, 0603	Panasonic	ECJ-1VB1H222K
15050021	B	1	C257	CAP, CERAMIC, 1UF, 16V, Y5V, 0805	Kemet	C0805C105K4RACTU
15050053	B	54	C12, C16, C17, C44, C51, C53, C75, C77, C86, C87, C116, C118, C121, C125, C131, C170, C214, C244, C247, C275, C296, C353-C356, CB2, CB4, CB6, CB8, CB11-CB13, CB15, CB16, CB18, CB20, CB21, CB23, CB32, CB38, CB39, CB42, CB43, CB46, CB47, CB49, CB52, CB53, CB70, CB87, CB92-CB94, CE1	CAP, CERAMIC, 10000PF, 16V, 0402	Panasonic	ECJ-0EB1C103K
15050060	B	4	CB156-CB159	CAP, CERAMIC, 47PF, 50V, NPO, 0402	Panasonic	ECJ-0EC1H470J
15050062	B	9	C222-C229, C231	CAP, CERAMIC, 220PF, 50V, X7R, 0402	Panasonic	ECU-E1H221KBQ
15050065	B	7	C260-C262, C264-C266, C268	CAP, CERAMIC, 1UF, 25V, X7R, 1210	Venkel	C1210X7R250-105KNB
15050068	B	6	C239, C248, C249, C282, C283, C290	CAP, CERAMIC, 1000PF, 50V, X7R, 0402	Venkel	C0402X7R500-102KNE
15050074	B	21	C130, C141, C142, C144, C146, C148-C157, C167, C211, C212, C350, C351, CB14	CAP, CERAMIC, 10PF, 50V, NPO, 0402	Venkel	C0402COG500-100JNE
15050077	B	1	C128	CAP, CERAMIC, 20PF, 50V, NPO, 0402	Panasonic	ECU-E1H200JCQ



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15050080	B	26	C60, C61, C65-C68, C76, C78, C81, C84, C237, C295, C307, C338, C341, C342, C347, CB28, CB51, CB55-CB57, CB59, CB66, CB67, CB160	CAP, CERAMIC, 1UF, 6.3V, X5R, 0603	Panasonic	ECJ-1VB0J105K
15050082	B	7	C284, C285, C288, C289, CB148, CB151, CB154	CAP, CERAMIC, 470PF, 50V, X7R, 0402	AVX	04025C471KAT2A
15050085	B	2	C325, C332	CAP, CERAMIC, 1UF, 16V, X5R, 0603	Panasonic	ECJ-1VB1C105K
15050100	B	6	C179-C184	CAP, CERAMIC, 6.8PF, 50V, NPO, 0603	AVX	06035A6R8JAT2A
15050106	B	1	C207	CAP, CERAMIC, 10UF, 10V, X5R, 1206	Panasonic	ECJ-3YB1A106M
15050110	B	3	C13-C15	CAP, CERAMIC, 39PF, 50V, NPO, 0603	Panasonic	ECJ-1VC1H390J
15050132	B	1	C331	CAP, CERAMIC, 10UF, 25V, X5R, 1206	Panasonic	ECJ-3YB1E106M
15050136	B	6	C19, C22, C25, C28, C31, C34	CAP, CERAMIC, 4.7UF, 6.3V, X5R, 0603	TDK	C1608X5R0J475M
15050158	B	4	C322, C323, C328, C329	CAP, CERAMIC, 22UF, 16V, X5R, 1210	Panasonic	ECJ-4YB1C226M
15050159	B	16	C11, C18, C21, C24, C27, C30, C33, C45, C46, C49, C50, C119, C185, C299, C306, C318	CAP, CERAMIC, 10UF, 6.3V, X5R, 0805	Panasonic	ECJ-2FB0J106M
15050161	B	2	C324, C330	CAP, CERAMIC, 1UF, 25V, X7R, 1206	Panasonic	ECJ-3YB1E105K



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15050162	B	226	C8, C39, C41-C43, C47, C52, C54, C58, C59, C63, C64, C69-C74, C79, C80, C82, C85, C88-C115, C117, C120, C124, C129, C132, C136-C140, C143, C169, C172-C174, C177, C178, C186-C196, C200-C206, C208-C210, C213, C215-C221, C238, C269, C271, C274, C276-C278, C292, C300, C303, C308, C311, C316, C319, C327, C333, C334, C343, C349, C352, C358, CB1, CB3, CB5, CB7, CB17, CB19, CB22, CB24-CB27, CB29-CB31, CB33-CB36, CB44, CB48, CB50, CB54, CB58, CB60-CB65, CB68, CB69, CB71-CB86, CB88-CB91, CB95-CB145, CB147, CB149, CB150, CB152, CB153, CB155, CBX1	CAP, CERAMIC, 0.1UF, 16V, X5R, 0402	AVX	0402YD104KAT2A
15100004	B	1	C344	CAP, ELECTROLYTIC, 22UF, 10V, B CASE	Panasonic	EEV-FK1A220R
15150002	B	17	C55-C57, C62, C83, C133-C135, C145, C147, C162, C176, C279, C293, C294, C297, C304	CAP, TANTALUM, 10UF, 6.3V, 3216	Kemet	T491A106K006AS
15150011	B	16	C10, C168, C171, C197, C198, C242, C243, C245, C246, C298, C317, C337, CB37, CB40, CB41, CB45	CAP, TANTALUM, 22UF, 10V, 3528	Panasonic	ECS-T1AX226R
18000049	B	13	FB1, FB14, L18, L21, L24, L26, L27, L32-L37	FERRITE BEAD, 100OHM @ 100 MHZ, 3A, 1206	Steward	HI1206N101R-00
18000060	B	5	FB8-FB12	FERRITE BEAD, 600OHM @ 100MHZ, 200MA, 0805	MURATA	BLM21BD601SN1D
18500001	B	23	FB2-FB5, L11-L17, L19, L20, L22, L23, L25, L38-L44	FERRITE BEAD, 80 OHM, 200MA, 0603	NIC	NCB0603R800TR
21000219	B	2	J12, JP35	CONNECTOR, HEADER, MALE, 0.100IN, 3PIN, 1X3	Crane	PEG03-SS-TBR
21000222	B	2	J13, J14	CONNECTOR, HEADER, MALE, 0.100IN, 6PIN, 1X6	Samtec	TSW-106-23-T-S



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21000225-0003	B	1	JP34	CONNECTOR, HEADER, MALE, 0.100IN, 14PIN	Sullins	PTC07DAAN
21000225-0004	B	1	JP32	CONNECTOR, HEADER, MALE, 0.100IN, 10PIN, 2X5	Pinrex Enterprise Co., Ltd.	PH1S-240TB11.6/6.1/3.0
21000226	B	1	JP31	CONNECTOR, HEADER, MALE, 0.100IN, 5PIN, 1X5	Samtec	TSW-105-23-T-S
21000256	B	1	P2	CONNECTOR, DIN-MINI, DUAL, VT, PC-99 COLORS	Molex	67952-0001
21000397	B	1	J4	CONNECTOR, PCI CARD EDGE, 0.050IN, 120PIN	Molex	89177-6030
21000463	B	1	J10	CONNECTOR, ATX, 20PIN VT, 2X10	Molex	39-28-1203
23000022	B	1	Y2	CRYSTAL, 32.768KHZ, 20PPM, CYL	Abrakon	AB26T-32.768KHZ
31300651	B	1	U22	IC, DIGITAL LOGIC/LATCHES, QUAD 2-INPUT, NAND GATE, 14-SOIC	Texas Instruments	SN74HC00D
47000010	B	2	R55, R425	RESISTOR, 10 OHM, 1/16W, 5%, 0603	PHYCOMP	9C06031A10R0JLHFT
47000016	B	25	R116, R117, R119, R165, R166, R174, R176, R177, R229, R265, R266, R268, R300-R303, R310, R313, R338, R382-R384, R415, R447, R478	RESISTOR, 4.7K OHM, 1/16W, 5%, 0402	Venkel	CR0402-16W-472JT
47000018	B	18	RN1-RN18	RESISTOR, ARRAY (4) 10 OHM, 5%, SMT	Panasonic	EXB-28V100JX
47000021	B	1	R316	RESISTOR, 27K OHM, 1/10W, 5%, 0603	Panasonic	ERJ-3GSYJ273V
47000027	B	3	R213, R214, R273	RESISTOR, 2.7K OHM, 1/10W, 5%, 0603	Panasonic	ERJ-3GSYJ272V
47000082	B	7	R110, R111, R114, R115, R128, R137, R398	RESISTOR, 150 OHM, 1/16W, 1%, 0603	Panasonic	ERJ-3EKF1500V
47000097	B	1	R395	RESISTOR, 49.9 OHM, 1/16W, 1%, 0603	PHYCOMP	9C06031A49R9FKHFT
47000118	B	11	R436-R446	RESISTOR, 3.9K OHM, 1/10W, 5%, 0603	Panasonic	ERJ-3GEYJ392V
47000145	B	1	R328	RESISTOR, 51K OHM, 1/16W, 5%, 0603	Yageo America	9C06031A5102JLHFT



Part Number	Item Rev	Qty	Ref Des	Item Description	Initial MFG Name	Initial MFG Part Number
47000166	B	45	R29, R30, R46, R51, R153, R161-R163, R169, R180-R184, R209, R215, R271, R272, R274, R276, R278, R295-R298, R309, R312, R320, R323, R351, R386, R387, R405, R406, R412, R414, R416, R431-R435, R463, R468, R483	RESISTOR, 10K OHM, 1/16W, 5%, 0402	Panasonic	ERJ-2GEJ103X
47000167	B	19	R23, R185-R188, R292, R293, R311, R331, R341, R345, R347, R373, R374, R389, R390, R448, R470, R481	RESISTOR, 1.0K OHM, 1/16W, 5%, 0402	Panasonic	ERJ-2GEJ102X
47000171	B	2	R143, R299	RESISTOR, 1.0M OHM, 1/16W, 5%, 0402	Venkel	CR0402-16W-105JT
47000172	B	1	R458	RESISTOR, 11K OHM, 1/16W, 5%, 0402	Panasonic	ERJ-2GEJ113X
47000173	B	5	R280, R282, R288-R290	RESISTOR, 5.1K OHM, 1/16W, 5%, 0402	Panasonic	ERJ-2GEJ512X
47000174	B	58	R54, R56, R61, R67-R69, R77-R81, R83, R84, R86-R97, R102, R112, R113, R118, R125, R129, R133, R139, R141, R149, R154, R155, R158, R171, R172, R211, R291, R294, R340, R365, R367, R372, R417, R418, R423, R426, R427, R430, R461, R462, R471-R473	RESISTOR, 0 OHM, 1/16W, 5%, 0402	Yageo America	9C04021A0R00JLHF3
47000178	B	1	R63	RESISTOR, 300 OHM, 1/16W, 1%, 0402	Yageo America	9C04021A3000FLHF3
47000179	B	1	R150	RESISTOR, 10M OHM, 1/16W, 5%, 0402	Venkel	CR0402-16W-106JT
47000181	B	1	R285	RESISTOR, 2K OHM, 1/16W, 1%, 0402	Venkel	CR0402-16W-2001FT
47000186	B	10	R343, R346, R348, R375-R378, R385, R420, R421	RESISTOR, 47.0K OHM, 1/16W, 1%, 0402	Yageo America	9C04021A4702FLHF3
47000189	B	18	R8-R15, R36, R41, R72, R73, R75, R76, R270, R368, R381, R413	RESISTOR, 100 OHM, 1/16W, 5%, 0402	Yageo America	9C04021A1000JLHF3
47000191	B	2	R391, R419	RESISTOR, 100K OHM, 1/16W, 5%, 0402	Panasonic	ERJ-2GEJ104X
47000194	B	1	R344	RESISTOR, 4.7 OHM, 1/16W, 5%, 0603	Yageo America	9C06031A4R70JLHFT



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47000215	B	3	R262-R264	RESISTOR, 75 OHM, 1/16W, 5%, 0402	Susumu Co Ltd	RR0510R-750-D
47000223	B	3	R281, R428, R429	RESISTOR, 1.5K OHM, 1/16W, 5%, 0402	Panasonic	ERJ-2GEJ152X
47000233	B	13	R109, R144-R148, R151, R152, R196, R198, R206-R208	RESISTOR, 22 OHM, 1/16W, 5%, 0402	Panasonic	ERJ-2GEJ220X
47000238	B	1	R397	RESISTOR, 47.5 OHM, 1/10W, 1%, 0805	Panasonic	ERJ-6ENF47R5V
47000251	B	1	R308	RESISTOR, 232K OHM, 1/10W, 1%, 0805	Panasonic	ERJ-6ENF2323V
47000266	B	1	R267	RESISTOR, 5.6K OHM, 1/16W, 5%, 0402	Yageo America	9C04021A5601JLHF3
47000271	B	3	R275, R277, R279	RESISTOR, 560K OHM, 1/16W, 1%, 0603	Yageo America	9C06031A5603FKHFT
47000276	B	1	R318	RESISTOR, 28.0K, OHM, 1/16W, 1%, 0603	Panasonic	ERJ-3EKF2802V
47000283	B	4	R127, R131, R140, R142	RESISTOR, 56 OHM, 1/10W, 5%, 0603	Panasonic	ERJ-3GEYJ560V
47000329	B	1	R65	RESISTOR, 200 OHM, 1/16W, 1%, 0603	Panasonic	ERJ-3EKF2000V
47000332	B	1	R399	RESISTOR, 68.1 OHM, 1/16W, 1%, 0603	Panasonic	ERJ-3EKF68R1V
47000338	B	1	R388	RESISTOR, 15K OHM, 1/16W, 5%, 0402	Yageo America	9C04021A1502JLHF3
47000356	B	3	R452, R456, R466	RESISTOR, 20K OHM, 1/16W, 5%, 0402	Panasonic	ERJ-2GEJ203X
47000393	B	4	R260, R261, R305, R366	RESISTOR, 2.2K OHM, 1/16W, 5%, 0402	Panasonic	ERJ-2GEJ222X
47000396	B	2	R20, R317	RESISTOR, 510 OHM, 1/16W, 5%, 0402	Panasonic	ERJ-2GEJ511X
47000398	B	2	R319, R465	RESISTOR, 10K OHM, 1/16W, 1%, 0402	Panasonic	ERJ-2RKF1002X
47000412	B	1	R315	RESISTOR, 121K OHM, 1/16W, 1%, 0402	Panasonic	ERJ-2RKF1213X
48000002	B	1	D4	LED, GREEN, CLEAR, 0805	LITE-ON	LTST-C170GKT
48000003	B	1	D5	LED, RED, CLEAR, 0805	LITE-ON	LTST-C170EKT
48000004	B	1	D3	LED, YELLOW CLEAR 0805	LITE-ON	LTST-C170YKT
48000024	C	2	CR1, CR2	DIODE, SCHOTTKY, DUAL, COMMON CATHODE, 30V 200MA SOT-23	Diodes Inc	BAT54C-7
48000066	B	1	D2	DIODE, SCHOTTKY DUAL 30V 200MA SOT-23	DIODES INC	BAT54A-7
48000082	B	21	Q1-Q5, Q9, Q11, Q17, Q21, Q26-Q36, Q38	MOSFET, N-CH, 60V, 150MA, SOT23	ZETEX	2N7002TA
48000088	B	10	Q6, Q7, Q10, Q13, Q16, Q20, Q37, Q39-Q41	TRANSISTOR, NPN, 40V, 200MA, SOT-23	FAIRCHILD	MMBT3904
48000089	B	1	Q12	TRANSISTOR, PNP, -40V, -200MA SOT-23	FAIRCHILD	MMBT3906



Part Number	Item Rev	Qty	Ref Des	Item Description	Initial MFG Name	Initial MFG Part Number
1000201	A	0		LABEL, PART NUMBER, REVISION, SERIAL NUMBER, BAR CODE		
1001598	A	0		LABEL, MODEL NUMBER, NX-DB1500S-EVAL-KT		
1004456	A	0		LABEL, AMD, GEODE NX-DB1500 REV. 5.0		
1000196	A	0		LABEL, MAC ADDRESS IDENTIFICATION		
1000599	A	1	U1	SOCKET, 453PIN, SOCKETA, FOR AMD ANX1500	Methode Electronics, Inc.	M43T-40-462-01
1000600	A	1	NX1500	IC PROCESSOR AMD NX1500	AMD	NX1500
1001123	A	1	H1	HEATSINK, AMD GEODE	AVC	S7YBJ00001
1001124	A	1	H2	HEATSINK, SIS NORTHBRIDGE	Vette Taiwan CO., LTD	100873
1004427	A	1	EEPROM	IC, PLCC32, PROGRAMMED WITH AMI BIOS BUILD 6		
1000951	A	0		IC, FLASH, FIRMWARE HUB 4MBIT,PLCC32	SST	SST49LF004B-33-4C-NH
1003594	A	0		SOFTWARE, BIOS, AMI GEODE NX, BUILD 6		
21000223	B	1	U14	CONNECTOR, PLCC SOCKET, 32PIN SMT W/POSTS	Mill-Max	540-99-032-17-400200
1000085	A	2	JP38, JP39	JUMPER, 2PIN, 0.100, 30 AU, BLACK, HANDLE	AMP	881545-2
1000274	A	1	BATTERY	BATTERY, LITIUM COIN CELL, 20MMX3.2M	Panasonic	BR2032
1001597	A	1		IC, RAM, 256 MB DDR, 184 PIN DIMM	SMART	SM5643285D8N6CL
1000603	A	1	DDR_DIMM1	CONNECTOR, SOCKET, DIMM-184, THROUGH HOLE	AMP	390241-1