

## PS2520 aka GW Instek PPT-3615

Date ▲ (/g/TekScopes/topic/7655664?p=Created,,,20,2,0,0::,,,0,0,0,7655664)



Siggie

2015-06-29  (<https://groups.io/g/TekScopes/message/116746>)

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2015-07-01  (<https://groups.io/g/TekScopes/message/116869>)

Hey y'all,

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The leftover bits are used for relay control and such, but I haven't taken the time to map them out yet.

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Now, perhaps the 74HC is getting tired - it's managing  $\sim 4V$  drive to the top of those resistors.

If not that, then the optos are tired, and a few of them. I measured the current transfer ratio in the worst affected one of them, and it seemed to be at around 50%.

Maybe I should change both the driver and the optos, be done with it. The problem is I'm not finding a datasheet for those optos, so I'm not quite

shore what to order for replacements.

These things are marked 5H P521, are driven off 5V HC logic through 100Ohm, and loaded with 180Ohm on the receiving end. They're 4 pin DIPs.

Y'all have any advice for replacements? There's 15 of those dang things, all told, so less expensive is probably better :).

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2015-07-05  (<https://groups.io/g/TekScopes/message/117134>)

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2015-08-16  (<https://groups.io/g/TekScopes/message/118064>)

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maybe this is slightly OT as PS2520 is neither a scope nor classic. It's a nice PSU, though.

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I also found this YouTube video <<https://www.youtube.com/watch?v=q3bn7r77yDY>> (<https://www.youtube.com/watch?v=q3bn7r77yDY>),

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In any case, after calibration I can set it to a voltage with 10mV resolution, and the current read-back is accurate to a mA, which is nice.

Sigg

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ArtekManuals

2015-08-16  (<https://groups.io/g/TekScopes/message/118065>)

Siggi

While the name if the group is TEKSCOPES ..it is generally accepted that discussion about ANY piece of Tektronix gear is acceptable for discussion and on topic

Dave

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