
Dell DA-2 and DA-1

Posted by ddoobson - 2010/01/20 16:52

I have a couple each of these and want to modify them for 13.8V output instead of the standard 12.0V (for a non-PC application). I'm guessing that there may be a couple of resistors or a voltage reference that can be tweaked.

Anyone have a schematic for these beasts?

dermot

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Re:Dell DA-2 and DA-1

Posted by YLG80 - 2010/01/24 23:06

Most of the PS are made by subcontractors like this one (Kuantech) and the schematics are very seldom distributed through OEM's.

I convinced that there are adjustable pots that you could trim in order to get the 13,8V output.(as in many desktop PS)
The best thing to do is to examine the IC datasheet and find where is the Vref and the resistors bridge / pot used to ajust the output voltage.

Sometimes you can also find IC's application notes with detailed schematics.

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