



Insert jumper to JP1 for alternate LED behaviour. This optional mode uses only LED D5 to signal errors. D5 lights dimmed on power off condition, (standby) then switches off if power on. D6 behaves as usual (blinks while power on, then turns on.

On any error condition D6 turns off, speaker turns off. D5 blinks 1 sec on 1 sec off and then blinks short 0.1 sec on, 0.2 sec off either one, two or three times. then starts over.

one time = Overcurrent  
two times = DC detect  
three times = Overtemperature

Instead of using onboard LED D5/D6 possibly assemble 3 PIN header (TP1/D6) for connecting remote LEDs i.e. bicolor LED green/red.

**Linear PSU only**

J10 61900211121 R99 \*\* U7 LTV-8141 C7

Assemble only when using linear PSU  
Apply max. 48VAC from secondary.  
Calculate R99 value ca. 1kOhm per Volt  
eg. 40VAC -> R99 = 39k (1mA LED current)  
Do not assemble/connect J6 when using this option.

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