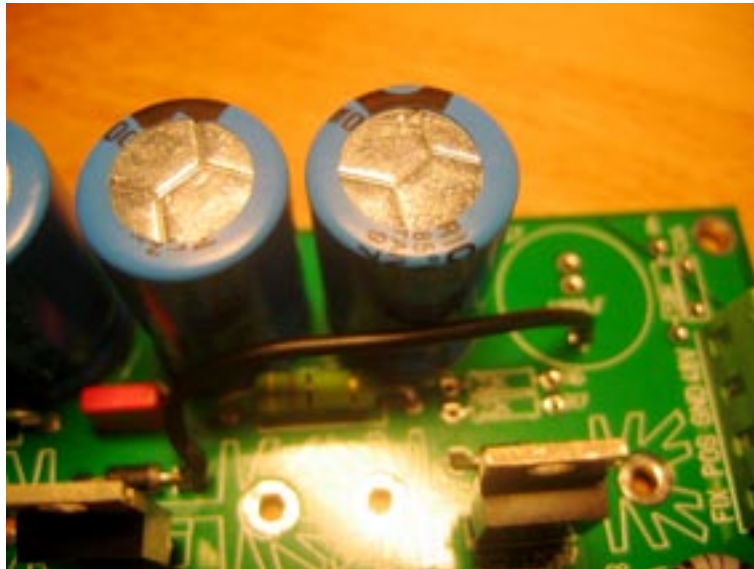


# [silent:arts] FP48PSU-rev01 Voltage Doubler Fix

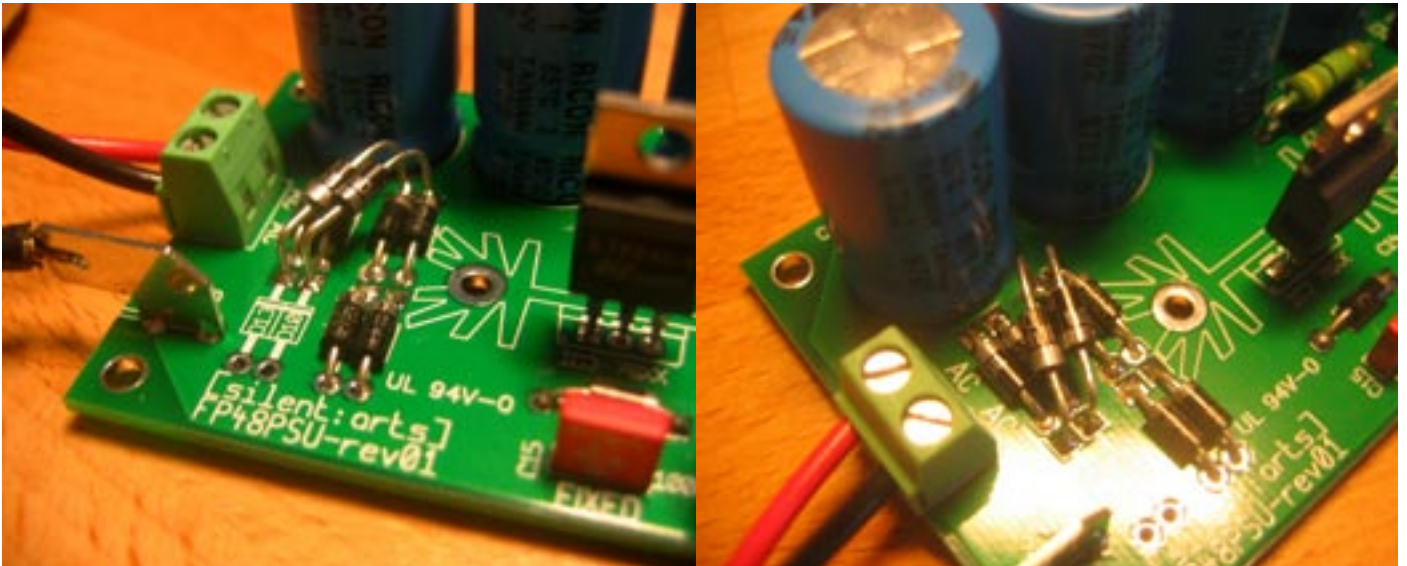
since the voltage doubler for the 48V phantom power doesn't work like it is on the rev01 PCBs I tried different ways for an easy fix.  
you all know Harpo (many thanks again), and I want to show you his suggestions for the best way to make the voltage doubler work:

don't stuff C17, R6 & R7.

make a wire bridge from the cathode of D5 & the positive side of C17:



next, connect the anodes of D10 & D13 to the cathodes of D2 & D4:



some other suggestions from Harpo are:

- change both trimmers from 5K to 10K
- change both 120R resistors to 240R

sorry for this faulty voltage doubler

Volker

[silent:arts]