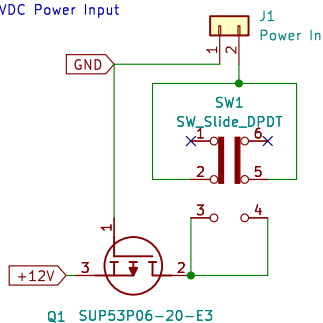
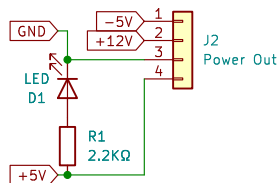


+12VDC Power Input



Power Output to TI 99/4A



Notes:

- [1] Beige models do not have a power LED so LED & limiting resistor can be omitted
- [2] Is C2 needed? Currently omitted.
- [3] MOSFET Q1 is to protect against reverse-voltage input – can be left out by shorting drain (pin 2) and source (pin 3)

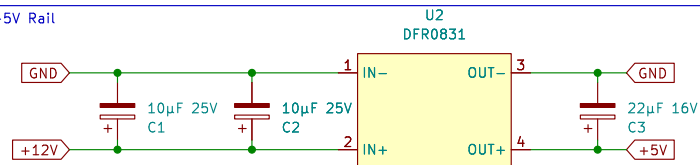
Modified design:

<https://github.com/dabonetn/ti99psu-replacement>

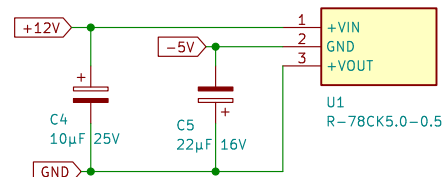
Original design:

<https://codeberg.org/Jonn-reenthused/TI99-4A-dc-power-board>

+5V Rail



-5VDC Rail



- H1 MountingHole
- H2 MountingHole
- H3 MountingHole
- H4 MountingHole
- H5 MountingHole
- H6 MountingHole

Original design: Johnny Blanchard

Modified design: dabonetn

www.youtube.com/@Brfff

Brett Hallen

Sheet: /

File: TI994A_PSU_Replacement.kicad_sch

Title: Texas Instruments TI 99/4A PSU Replacement

Size: A5

Date: 1/NOV/2025

Rev: A

KiCad E.D.A. 9.0.5

Id: 1/1