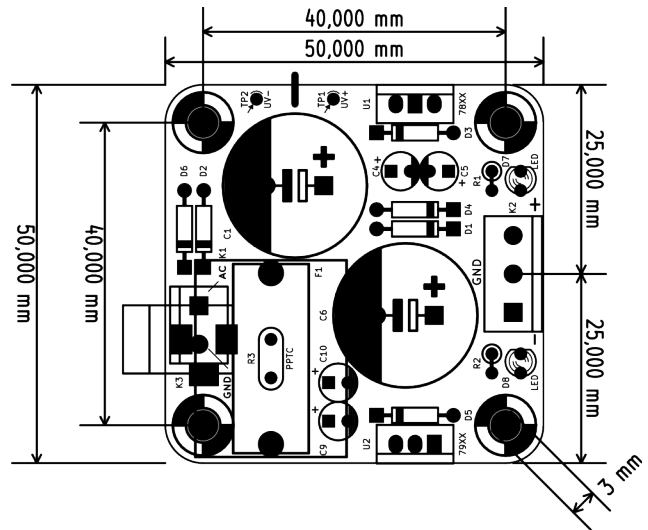


Mini Dual Power Supply 2.2

(BOM 20160208)

Designation	Qty	Reference
4700 μ F / 35V	2	C1 C6
1 μ F / 100V	4	C4 C5 C9 C10
1N4007	6	D1 D2 D3 D4 D5 D6
FUSE (holder)	1	F1
FUSE T 500mA	1	F1
DC OUT	1	K2
BARREL JACK	1	K3
R 2.7K 1/4W	2	R1 R2
78XX	1	U1
79XX	1	U2
LED 2mA Y	2	D7 D8



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Start by placing the 6 diodes. Be careful. You must respect their polarity : Align the white rings and the PCB's white marks.

Continue by soldering the screw terminal. Wire ports should face outwards. You can skip this component if you intend to solder wires directly to the PCB.

Solder the AC Jack connector. Leave enough space for the fuse holder that will sit between the connector and capacitor C6. You might want to skip this component as well if you intend to use a panel mount connector instead (not provided).

Solder the fuse holder.

Bend one leg 180° of each resistor for vertical placement. Solder them.

Place the four small capacitors C4, C5, C9 and C10. They are polarized. Plus side is with a "+" mark on PCB. On capacitors, the longest pin is the positive side. The thick white lateral band is the negative side.

Place the two regulators. You must respect their orientation and their respective position. 78xx is U1 and 79xx is U2.

Then, solder the two big capacitors C1 and C6. You must respect polarity. Longest pin is positive side. The side band shows negative side.

Finish by inserting the fuse in the fuse holder cover and plug it into the fuse holder.