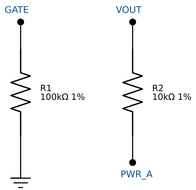
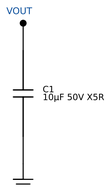
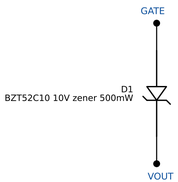
MAIN CIRCUIT AND SUPPORT

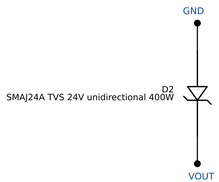


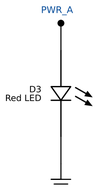


POWER AND INDICATORS



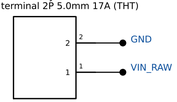




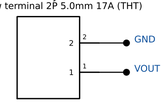


CONNECTORS

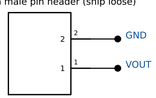
J1
Screw terminal 2P 5.0mm 17A (THT)



J2
Screw terminal 2P 5.0mm 17A (THT)



J3
2.54mm male pin header (ship loose)



NOTES

Net-label schematic: pins with the same blue net name are connected.

Generated from the verified netlist in the design file rev A (BOM ↔ netlist check passed).

Values and LCSC part numbers: see section 8 of the design file.

ELECTROTRICAL

ElectroTrical LLC · Dubai

ET-P06 Reverse-Polarity + Surge Protector (P-MOSFET ideal diode, 24V TVS, 3A)

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Drawn from netlist · JLCPCB parts · Do not scale