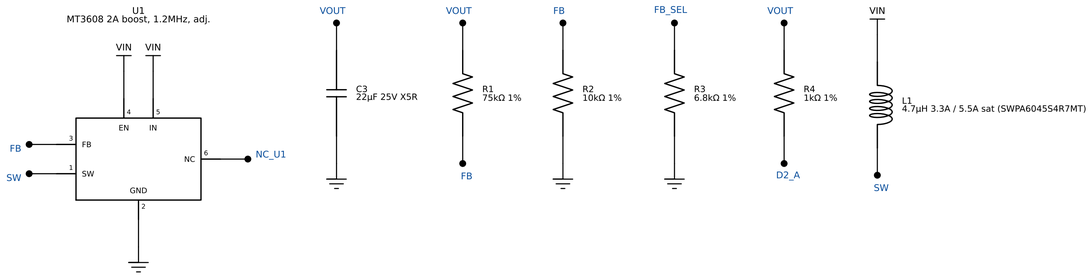
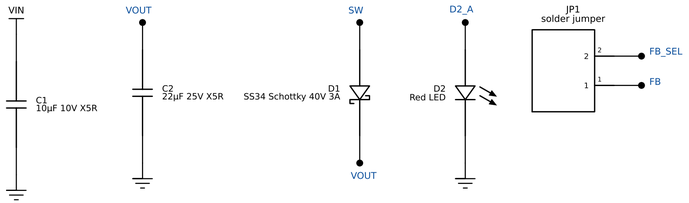
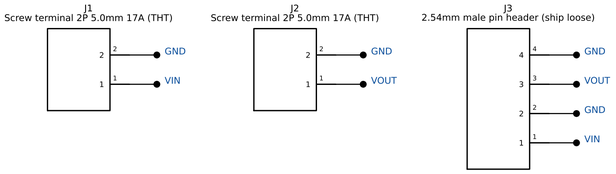
MAIN CIRCUIT AND SUPPORT



POWER AND INDICATORS



CONNECTORS



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.

JP1 (default Open): Open = 5V out; bridge = 12V out (R3 ∥ R2)

ELECTROTRICAL

ElectroTrical LLC · Dubai

ET-P11 MT3608 Boost Converter (2.5–5.5V in → 5V or 12V out, jumper select)

Rev A · 11 Nov 2026 · Sheet 1/1

Drawn from netlist · JLCPCB parts · Do not scale