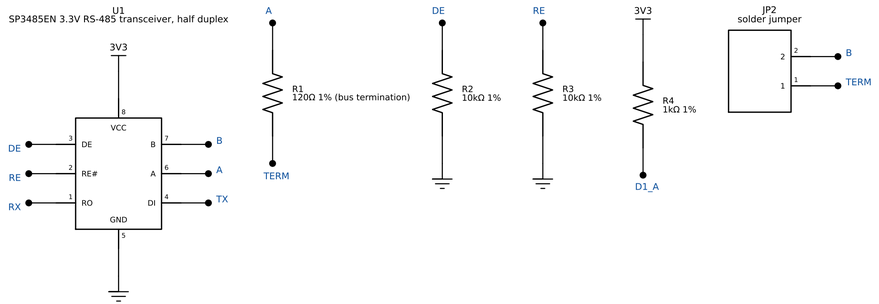
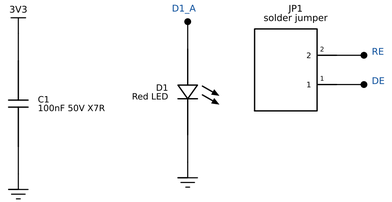
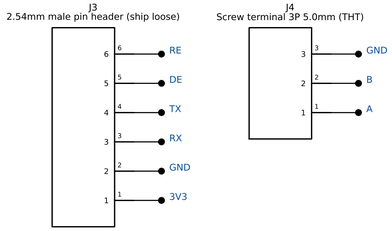
MAIN CIRCUIT AND SUPPORT



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): Bridge DE + RE# → one direction pin

JP2 (default Open): Bridge to add 120Ω termination (end-of-line node only)

ELECTROTRICAL

ElectroTrical LLC · Dubai

ET-C01 RS-485 Transceiver (SP3485, 3.3V, half duplex, termination jumper)

Rev A · 11 Nov 2026 · Sheet 1/1

Drawn from netlist · JLCPCB parts · Do not scale