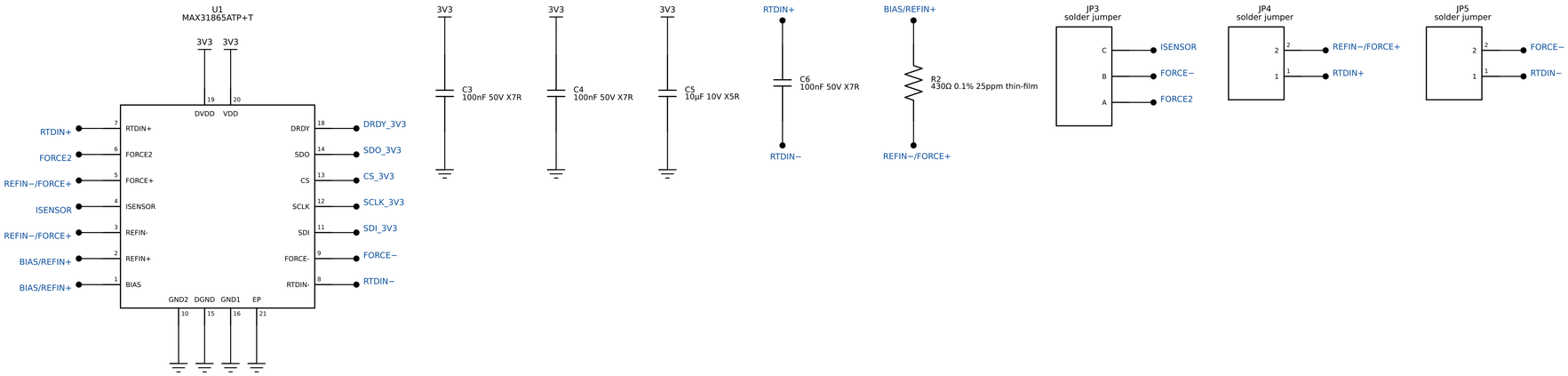
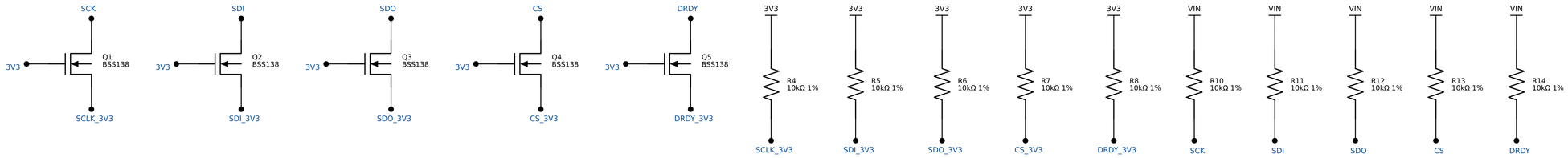
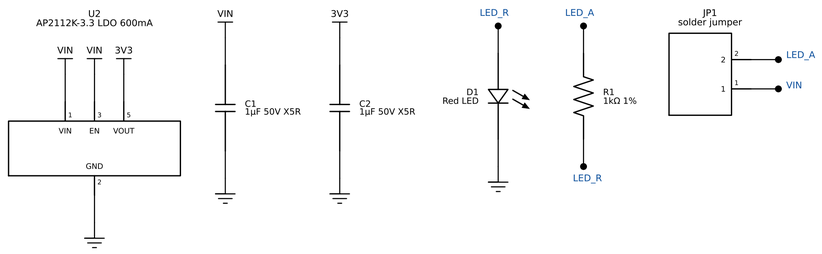
MAIN CIRCUIT AND SUPPORT



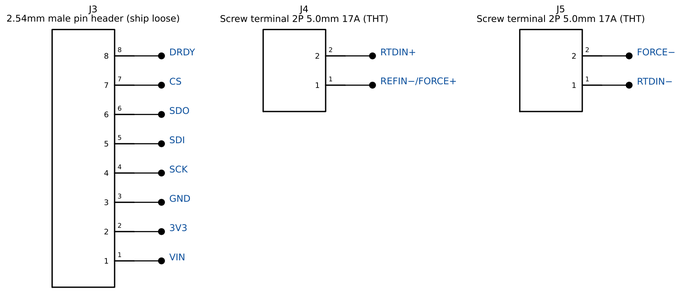
LEVEL SHIFTING AND PULL-UPS



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 B (BOM ↔ netlist check passed).

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

No-connect: U1.17 N.C.

JP1 (default Closed): Cut to turn off the LED

JP3 (default C–B): ISENSOR: C–B for 2/4-wire, C–A for 3-wire

JP4 (default Open): Bridge for 2-wire: links F+ to RTD+

JP5 (default Open): Bridge for 2/3-wire: links RTD− to F−

ELECTROTRICAL

ElectroTrical LLC · Dubai

ET-S20 MAX31865 PT100 RTD Amplifier (2/3/4-wire)

Rev B · 10 Nov 2026 · Sheet 1/1

Drawn from netlist · JLCPCB parts · Do not scale