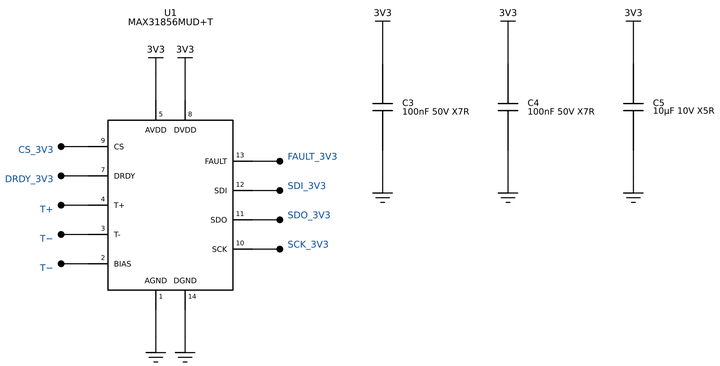
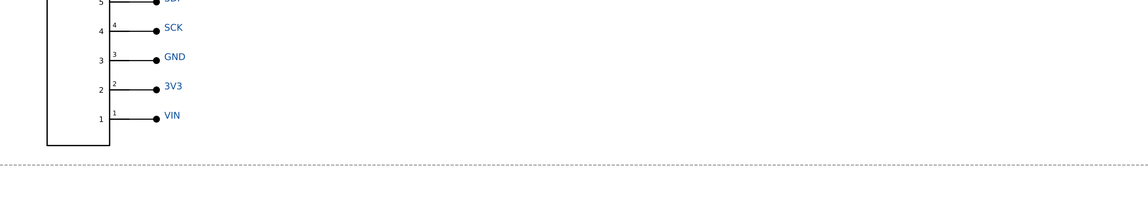
MAIN CIRCUIT AND SUPPORT



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: U1.6 DNC → leave open

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

ELECTROTRICAL

ElectroTrical LLC · Dubai

ET-S19 MAX31856 Universal Thermocouple Amplifier (K/J/N/R/S/T/E/B)

Rev B · 10 Nov 2026 · Sheet 1/1

Drawn from netlist · JLCPCB parts · Do not scale