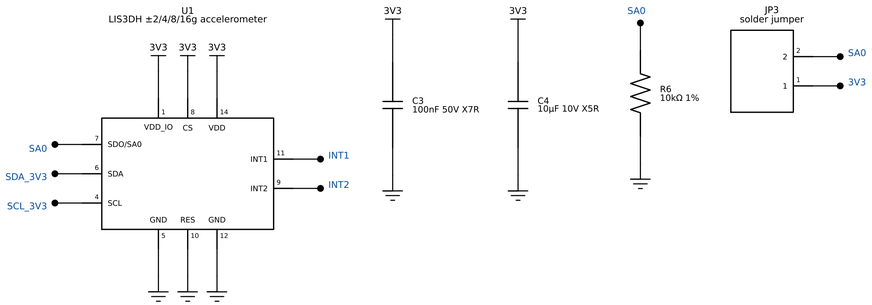
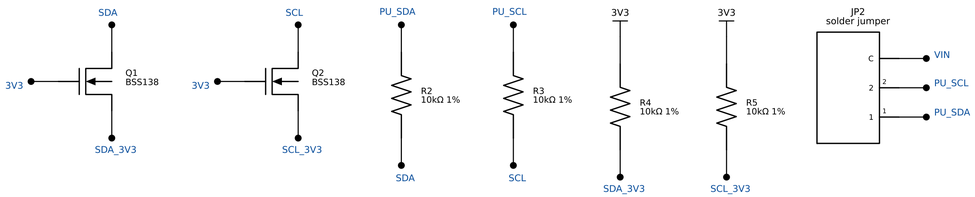
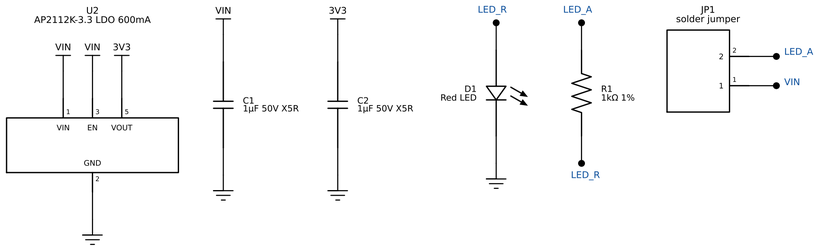
MAIN CIRCUIT AND SUPPORT



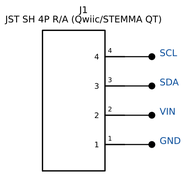
LEVEL SHIFTING AND PULL-UPS

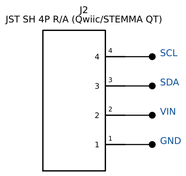


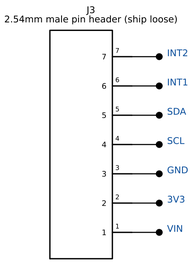
POWER AND INDICATORS



CONNECTORS







NOTES

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

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

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

No-connect: U1.2 NC; U1.3 NC; U1.13 ADC3; U1.15 ADC2; U1.16 ADC1

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

JP2 (default Closed): Cut to remove the host-side I2C pull-ups

JP3 (default Open): Bridge SA0 to 3V3 → 0x19

ELECTROTRICAL

ElectroTrical LLC · Dubai

ET-S58 LIS3DH 3-Axis Accelerometer (±2–16g, tap/free-fall, Qwiic)

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Drawn from netlist · JLCPCB parts · Do not scale