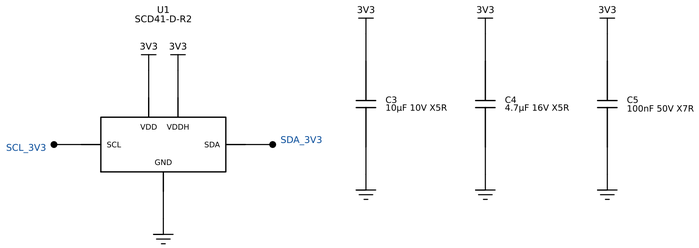
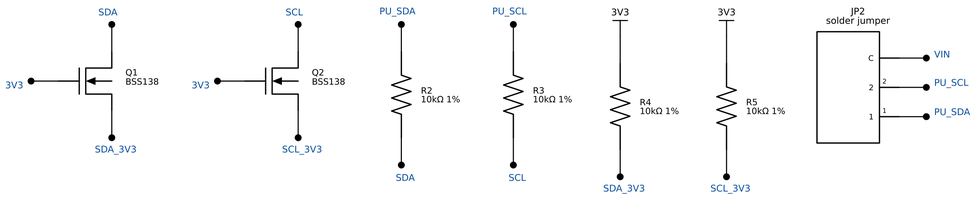
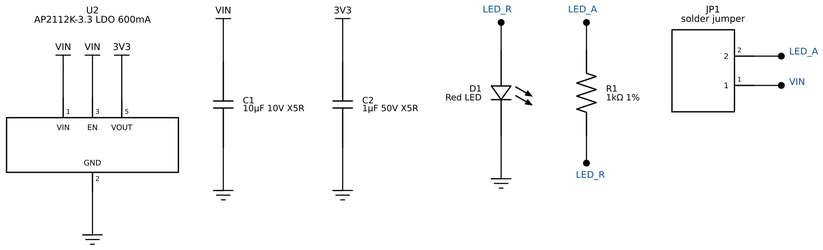
MAIN CIRCUIT AND SUPPORT



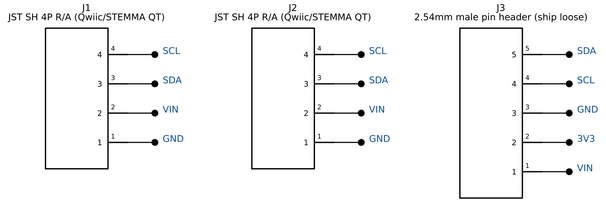
LEVEL SHIFTING AND PULL-UPS



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.DNC pads → each to its own floating copper pad, NOT connected

JP1 (default Closed): Cut to turn off the LED (lowers self-heating)

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

ELECTROTRICAL

ElectroTrical LLC · Dubai

ET-S02 SCD41 True CO_2 (photoacoustic NDIR) + T/RH Breakout

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Drawn from netlist · JLCPCB parts · Do not scale