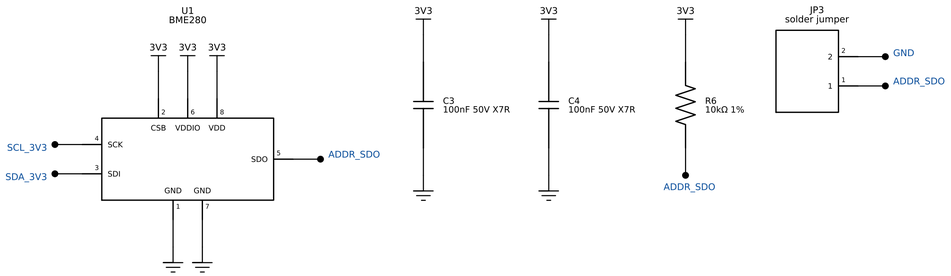
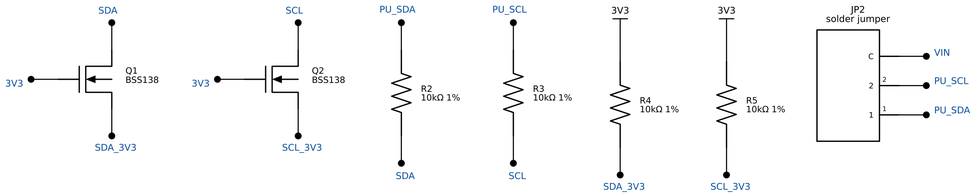
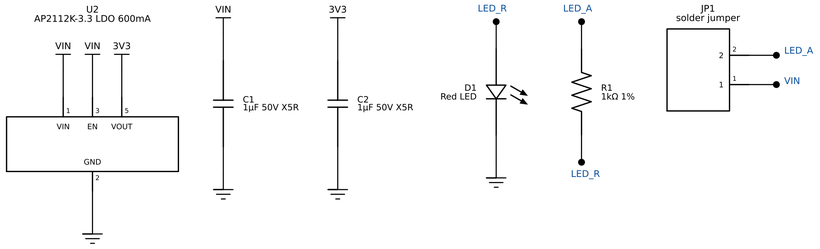
## MAIN CIRCUIT AND SUPPORT



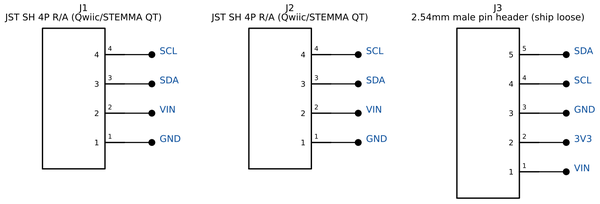

## LEVEL SHIFTING AND PULL-UPS




## 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.

JP1 (default Closed (trace)): Cut to turn off the power LED (keeps heat and current away from the sensor)

JP2 (default Closed (3-pad)): Cut to remove the host-side 10k pull-ups

JP3 (default Open): Bridge to set SDO=GND → address 0x76 (a 10k pull-up holds SDO high for 0x77)

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ET-S01 BME280 Temperature / Humidity / Pressure Breakout

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Drawn from netlist · JLCPCB parts · Do not scale