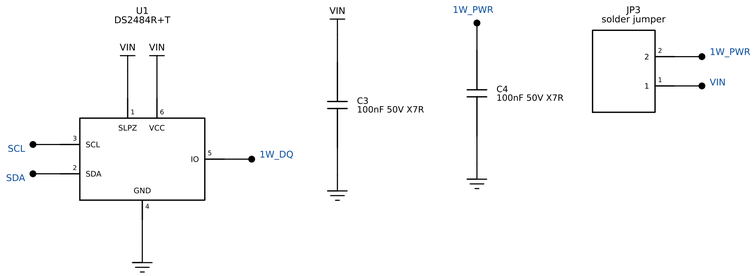
## MAIN CIRCUIT AND SUPPORT





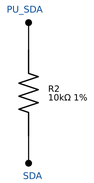


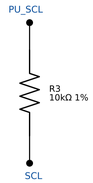


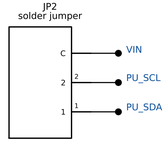




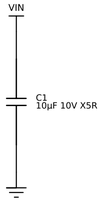
## LEVEL SHIFTING AND PULL-UPS

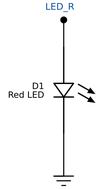


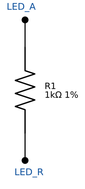



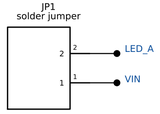




## POWER AND INDICATORS

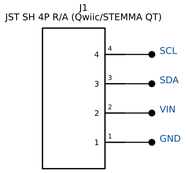


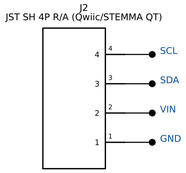



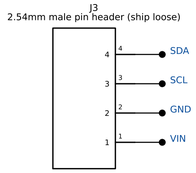



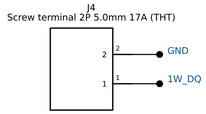



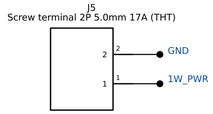

## CONNECTORS




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): Cut to turn off the LED

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

JP3 (default Closed): 1-Wire supply = VIN. Cut to feed J5 from an external supply (e.g. 5V for long cables on a 3.3V host)

ELECTROTRICAL

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ET-S21 DS2484 I2C-to-1-Wire Bridge (DS18B20 Hub, ESD-Protected)

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Drawn from netlist · JLCPCB parts · Do not scale