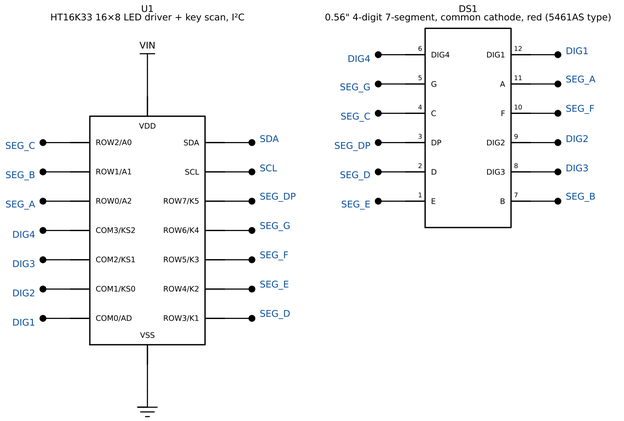
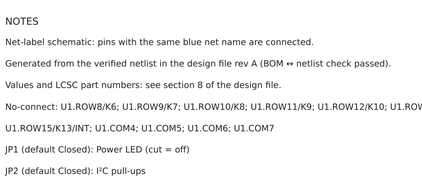
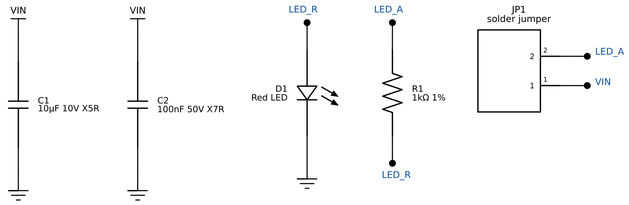
MAIN CIRCUIT AND SUPPORT



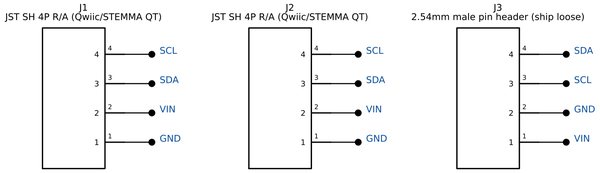
LEVEL SHIFTING AND PULL-UPS



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.ROW8/K6; U1.ROW9/K7; U1.ROW10/K8; U1.ROW11/K9; U1.ROW12/K10; U1.ROW13/K11; U1.ROW14/K12; U1.ROW15/K13/INT; U1.COM4; U1.COM5; U1.COM6; U1.COM7

JP1 (default Closed): Power LED (cut = off)

JP2 (default Closed): I²C pull-ups

ELECTROTRICAL

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ET-D01 HT16K33 0.56" 4-Digit 7-Segment Display (I²C, Qwiic)

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Drawn from netlist · JLCPCB parts · Do not scale