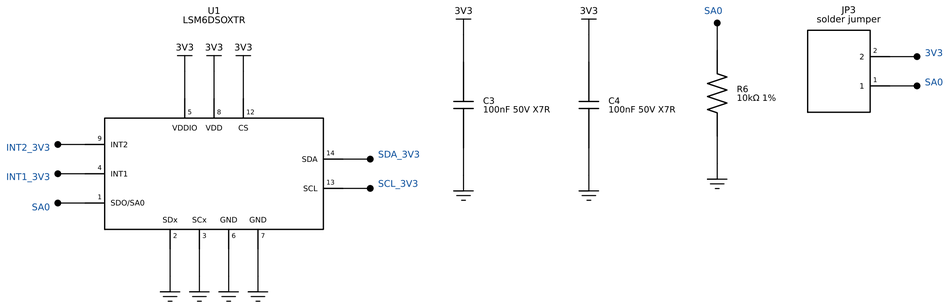
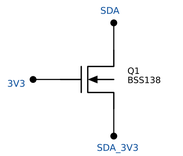
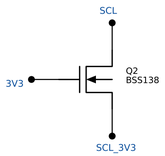
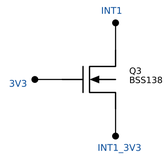
MAIN CIRCUIT AND SUPPORT

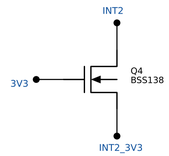


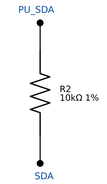
LEVEL SHIFTING AND PULL-UPS

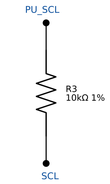


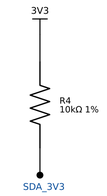


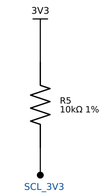


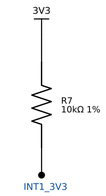


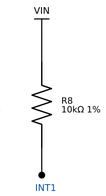


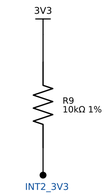


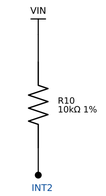


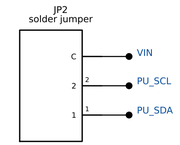




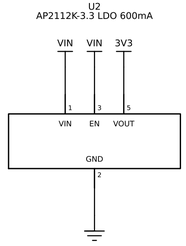


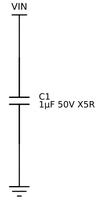


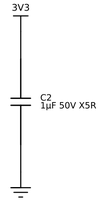


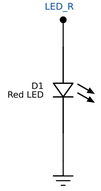


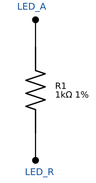
POWER AND INDICATORS

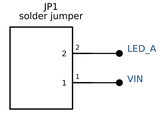




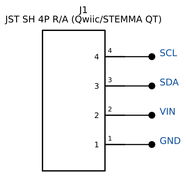


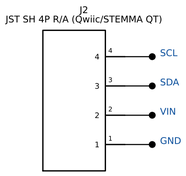


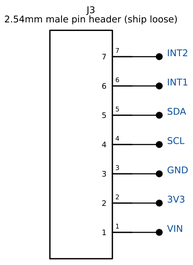




CONNECTORS







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: U1.10 OCS_Aux, U1.11 SDO_Aux → leave open

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=3V3 → address 0x6B

ELECTROTRICAL

ElectroTrical LLC · Dubai

ET-S26 LSM6DSOX 6-DoF IMU (Accel + Gyro + Machine-Learning Core)

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Drawn from netlist · JLCPCB parts · Do not scale