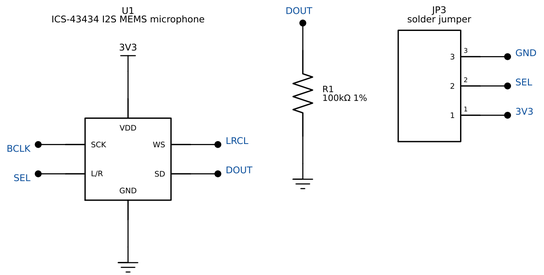
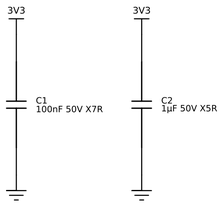
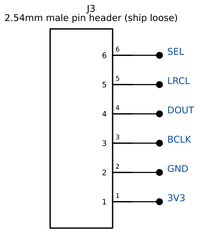
MAIN CIRCUIT AND SUPPORT



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.

JP3 (default 2–3 (GND)): Channel: GND = left, 3V = right. Two boards → stereo on one I2S bus

ELECTROTRICAL

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ET-S47 ICS-43434 I2S Digital MEMS Microphone (24-bit, ESP32 / Pi / RP2040)

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Drawn from netlist · JLCPCB parts · Do not scale