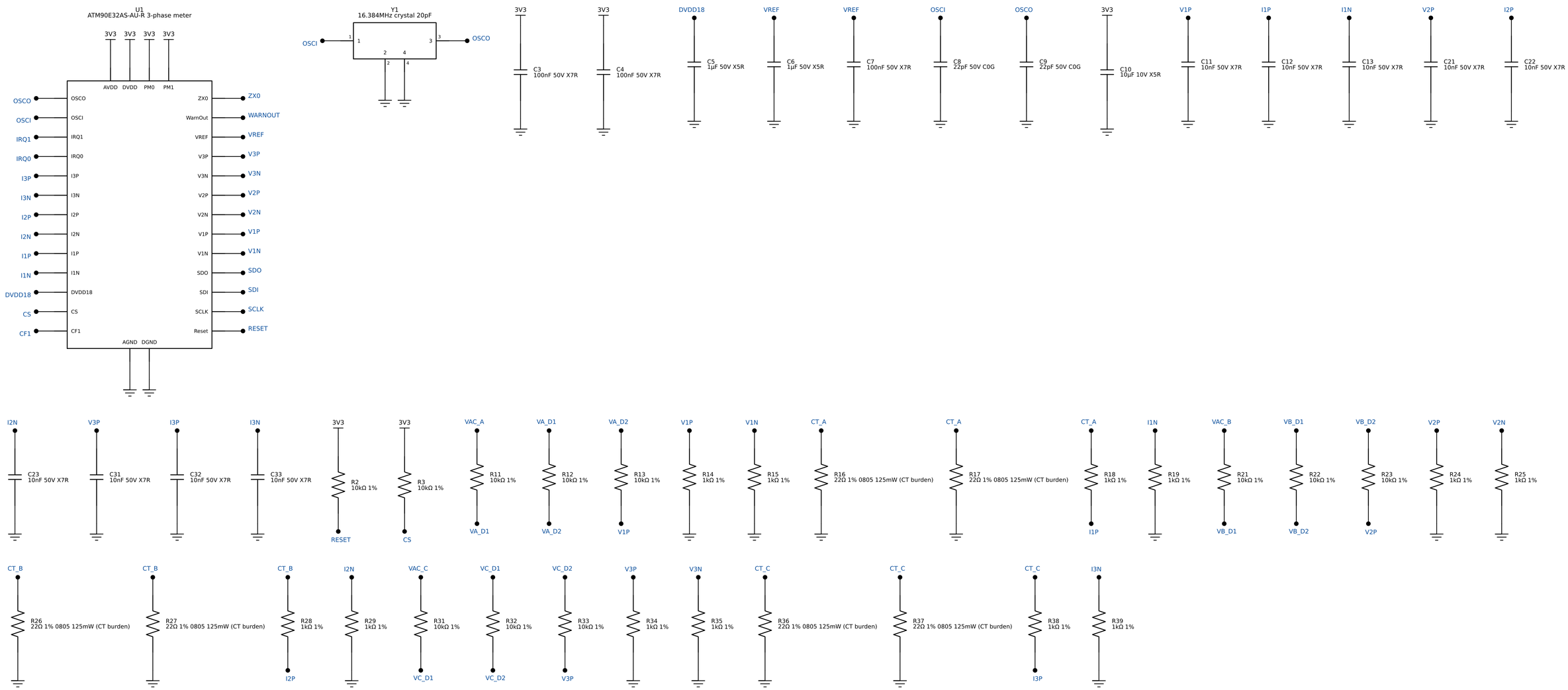
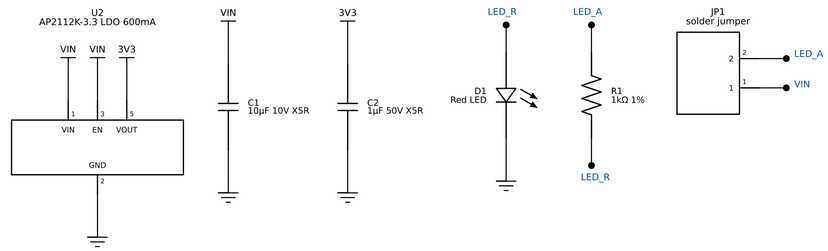
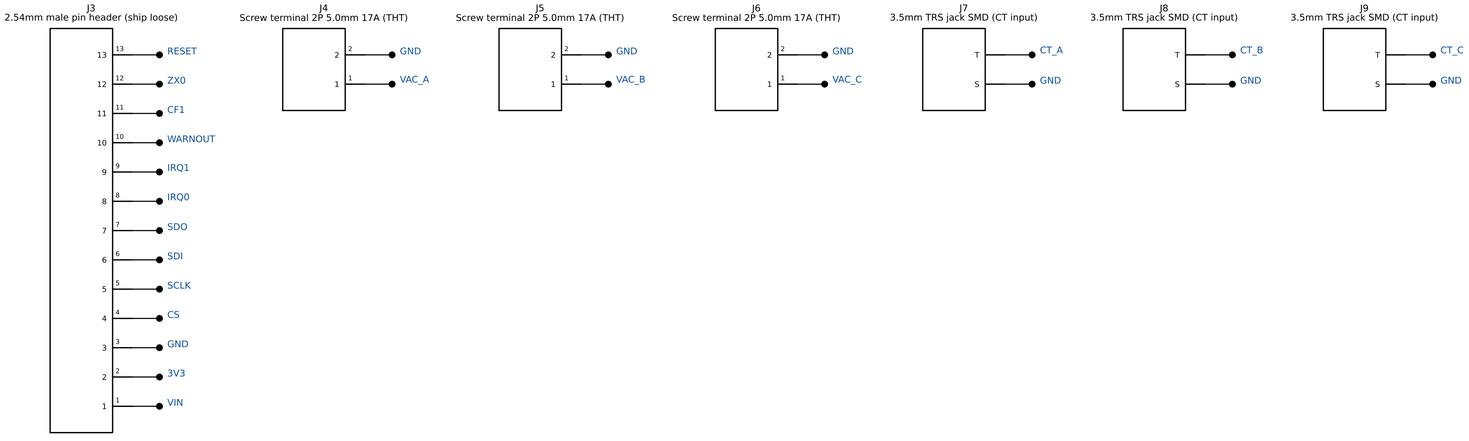
MAIN CIRCUIT AND SUPPORT



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.

No-connect: U1.CF2; U1.CF3; U1.CF4; U1.ZX1; U1.ZX2; U1.NC/test pins per datasheet; J7.R (ring); J8.R (ring); J9.R (ring)

JP1 (default Closed): Cut to turn off the LED

ELECTROTRICAL	ElectroTrical LLC · Dubai
ET-S39 ATM90E32 3-Phase Energy Monitor (Low-Voltage AC Transformer + CT Inputs)	
Rev B · 10 Nov 2026 · Sheet 1/1	
Drawn from netlist · JLCPCB parts · Do not scale	