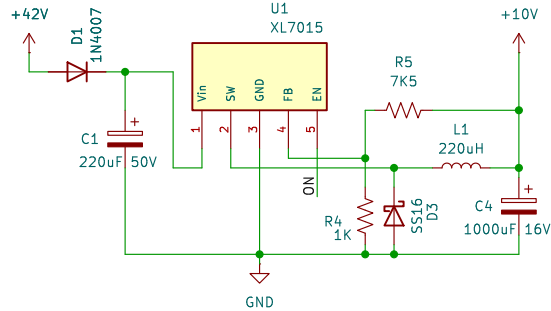
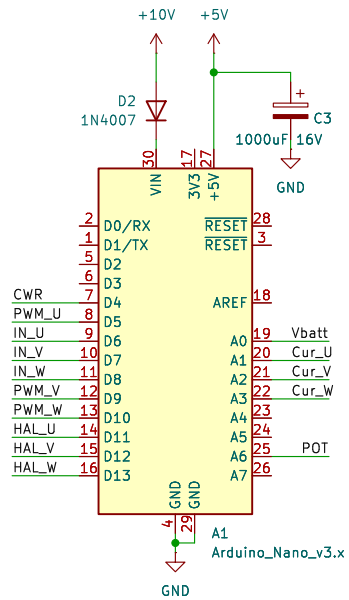


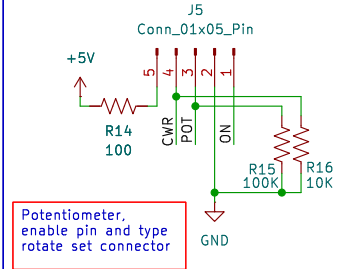
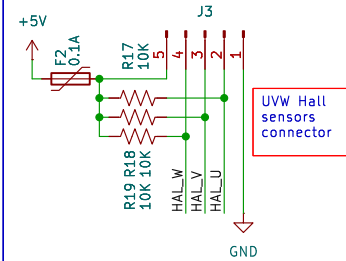
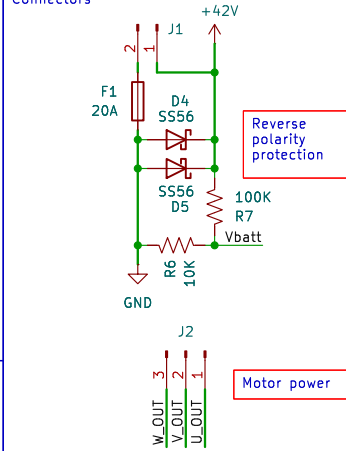
DC-DC Step down 42 -> 10V 150 mA



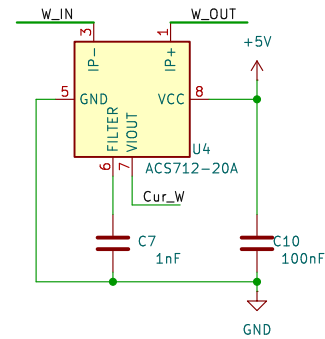
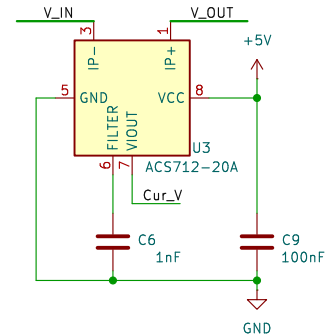
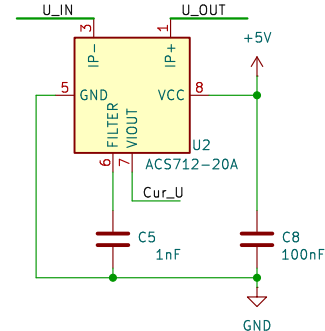
MCU



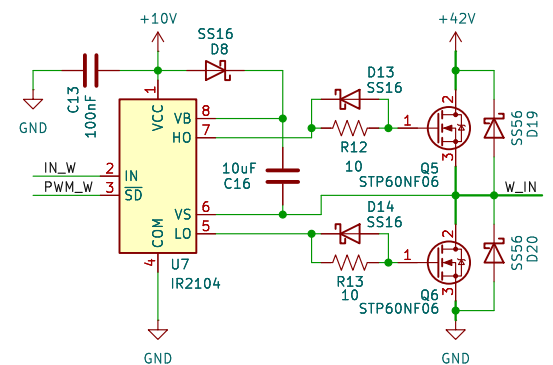
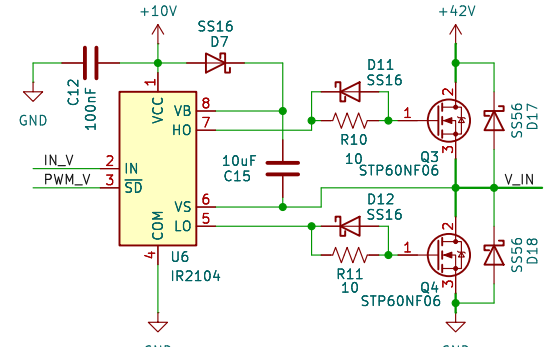
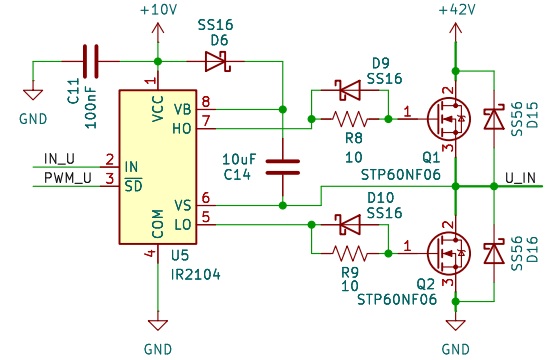
Connectors



Current sensors

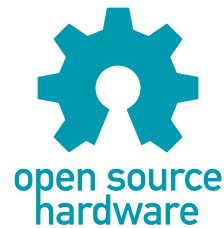


MOSSFET and drivers



3-Phase BLDC motor driver specs:

- Battery: 8S
- VCC: 24.0V to 33.6V
- I(max) 20A
- Current measurements per phase



By Techn0man1ac

Sheet: /

File: Inverter.kicad_sch

Title: Simple BLDC motor controller

Size: A4

Date: 2025-04-04

KiCad E.D.A. 9.0.0

Rev: V0.1

Id: 1/1