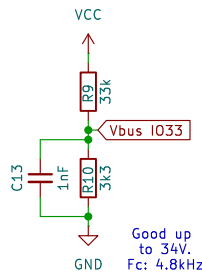
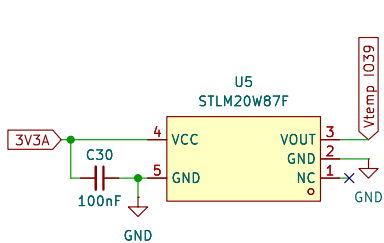


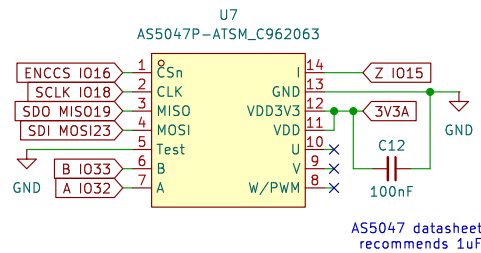
Bus Voltage Sense



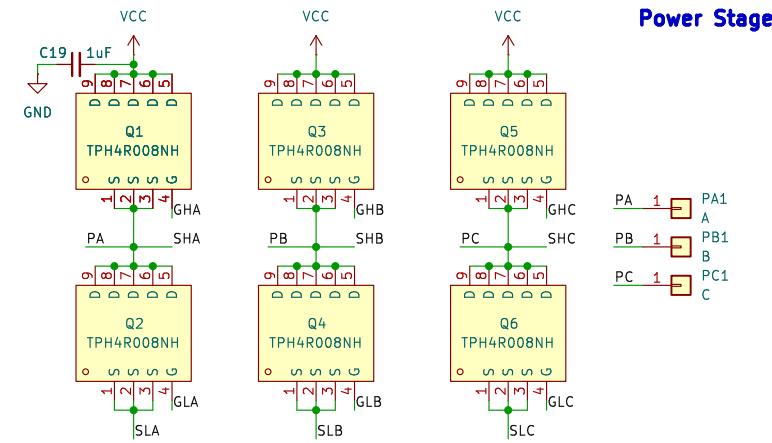
Power Stage Temperature Sensor



Magnetic Position Sensor



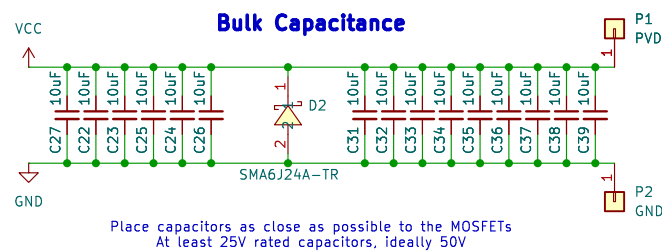
Power Stage



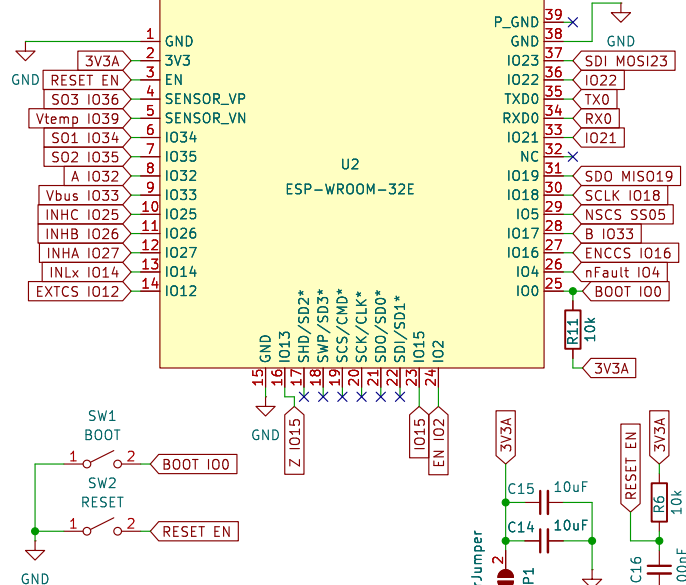
Indicator LEDs



Bulk Capacitance

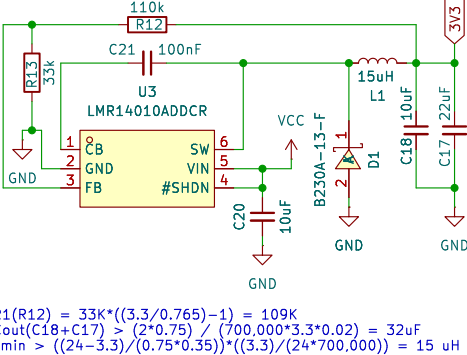


Works with ESP32-Wroom version with or without PCB antenna

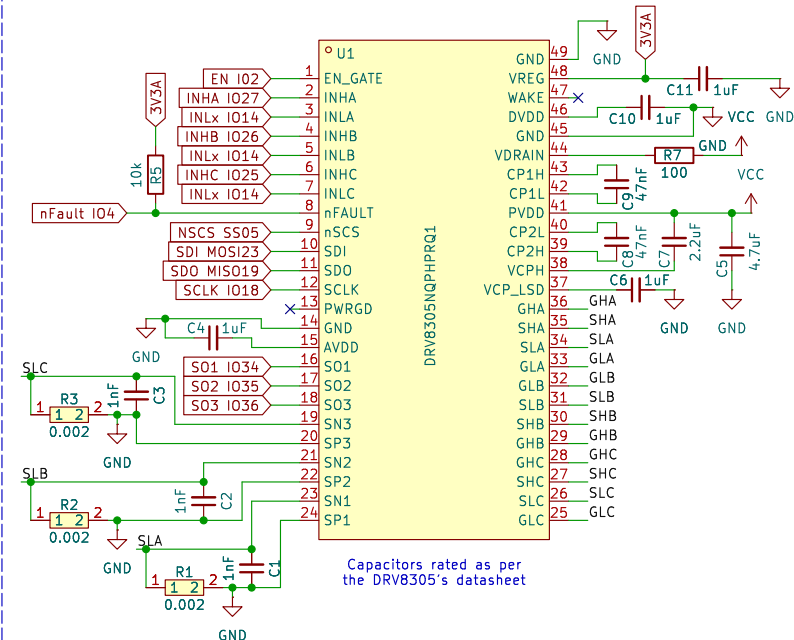
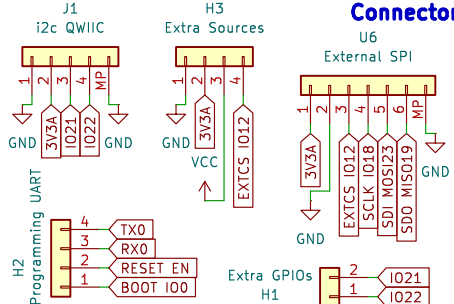


IO2- Use as output only, has internal pull-down.
BOOT (IO0)- Use as output only, has external pull-up.
MTDO (IO15) - Use as output only, has internal pull-up.
MTDI (IO12) - Use as output only, if used as input change to 1.8V logic can occur. Has internal pull-down.

3.3V Buck converter



Connectors



Victor Nan Fernandez-Ayala

Sheet: /
File: Victor-Brushless-Controller.kicad_sch

Title: Victor-Brushless-Controller

Size: A4 Date: 2025-05-27
KiCad E.D.A. 9.0.3

Rev: 1.0
Id: 1/1