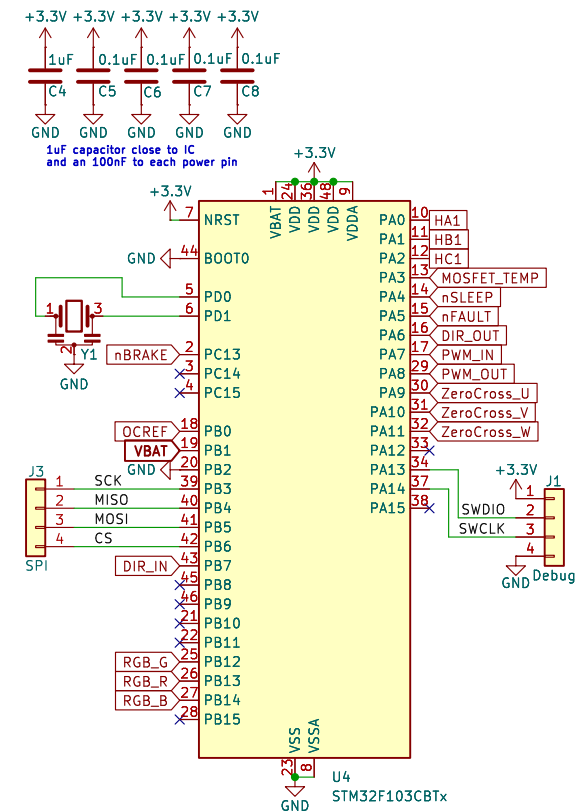
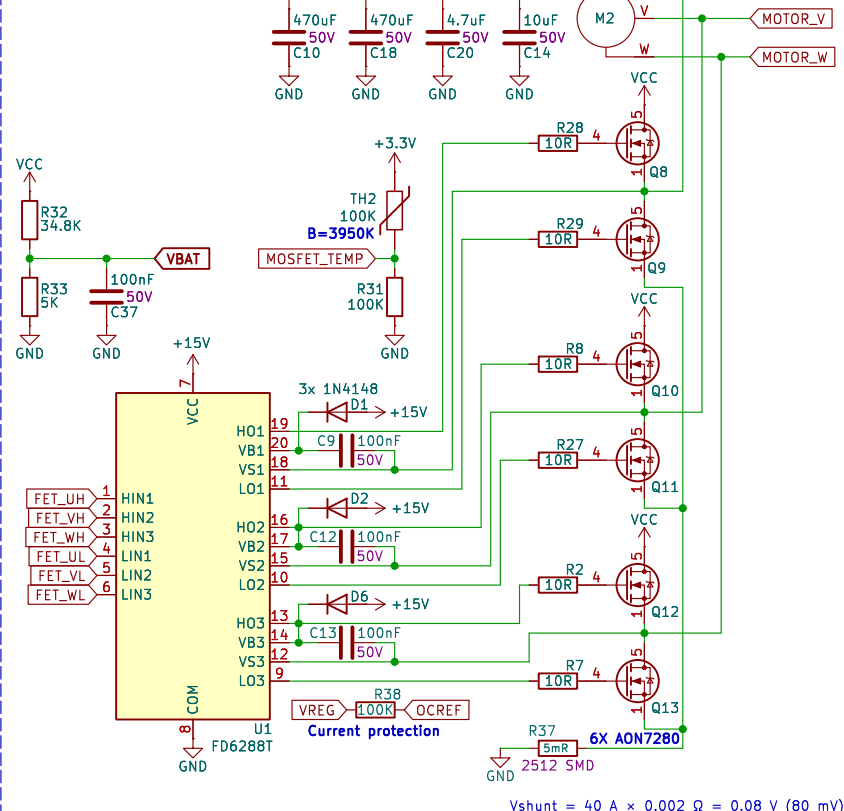


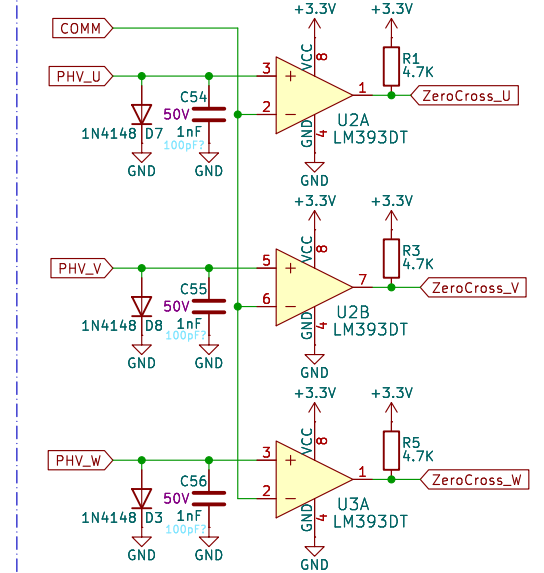
MICROCONTROLLER



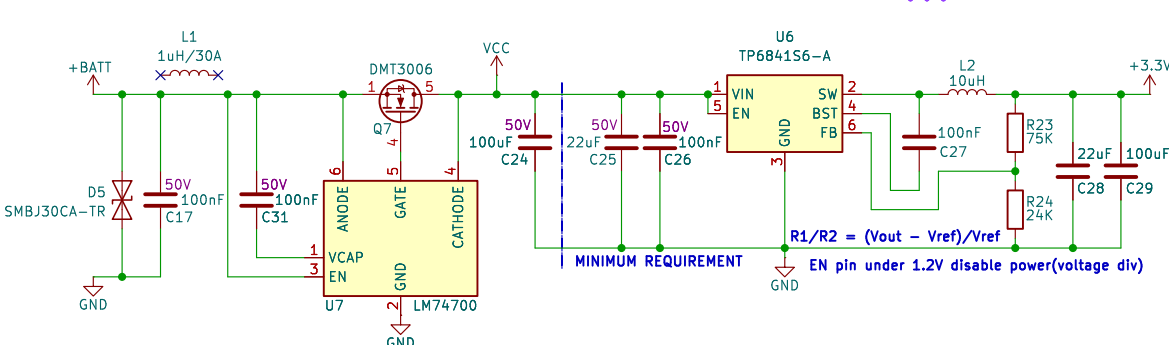
MOSFET DRIVER



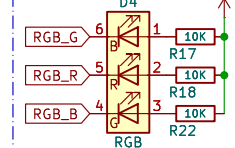
ZeroCross Sensing



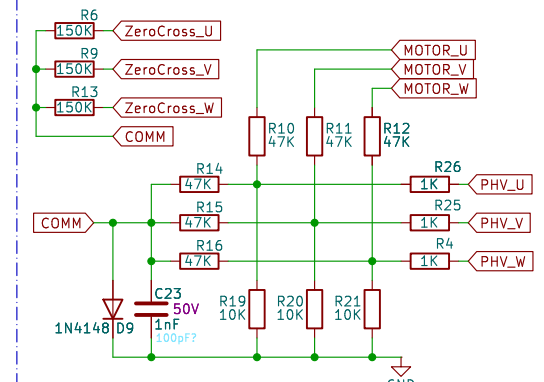
POWER



STATUS



BEMF Voltage Divider



Do not use S4 LiPo. Migh destroy the mosfets over time.
Check components maximum voltage

change: PCB LAYERS(8):

GND LAYERS: In2,4,6
VCC LAYERS: In5
POWER LAYERS: In3
Signal LAYERS: F,B,In7

Sheet: /
File: ElectronicSpeedController2.kicad_sch

Title: ElectronicSpeedController_TestBoard2

Size: A4
Date: 2026-01-20
KiCad E.D.A. 8.0.6

Rev:
Id: 1/1

LiPo 3S 2200mAh 40C+