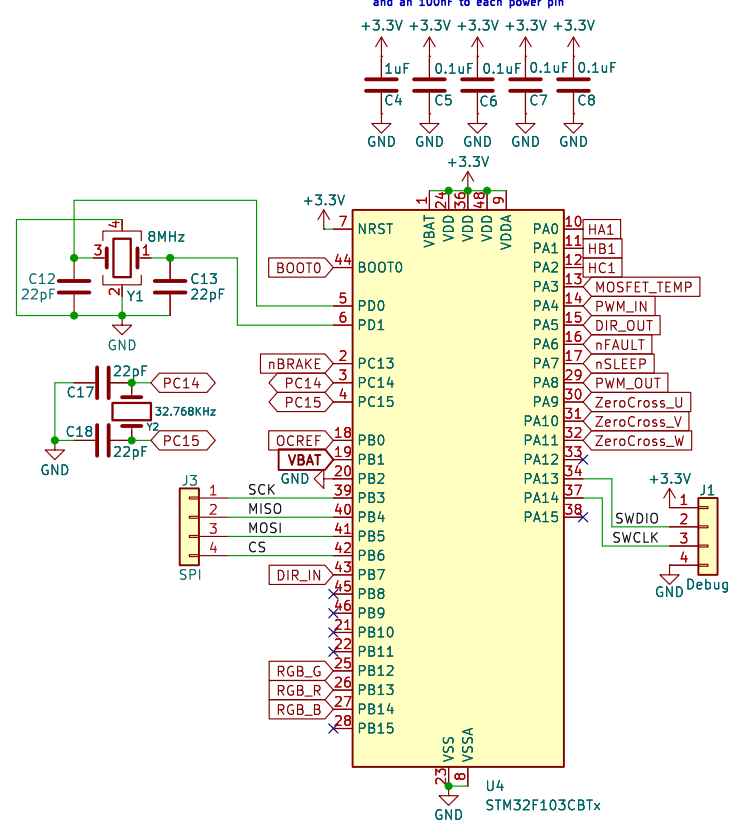
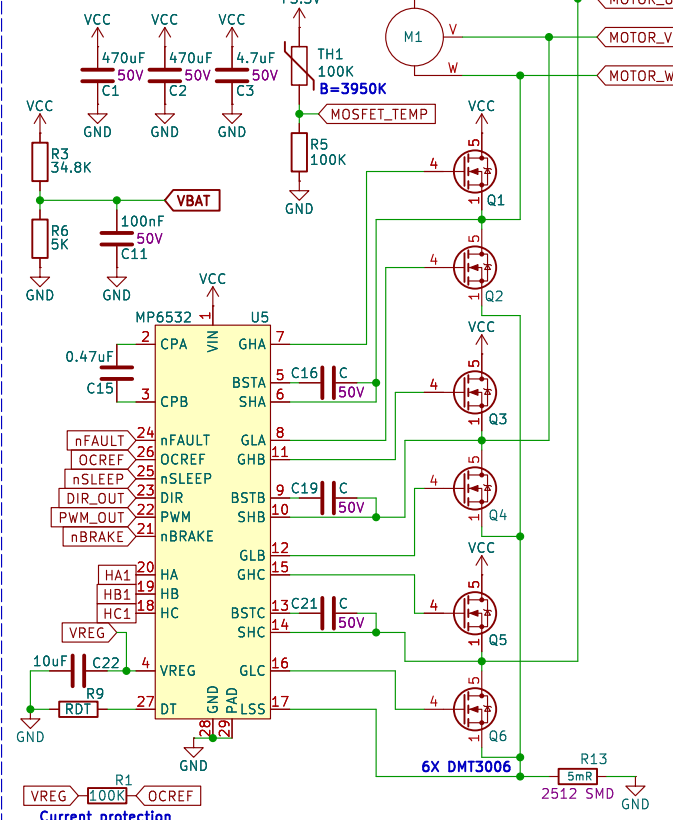


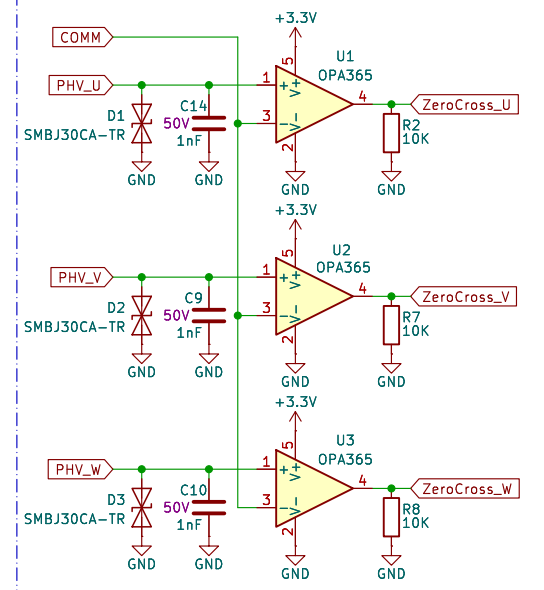
MICROCONTROLLER



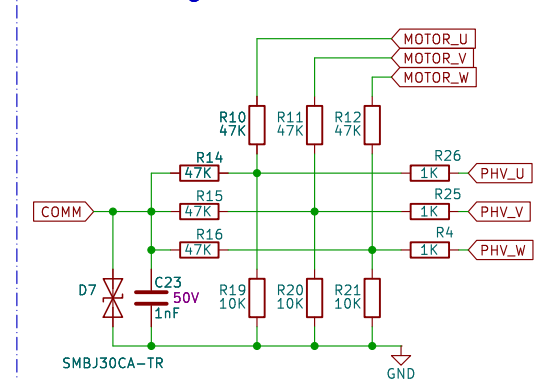
MOSFET DRIVER



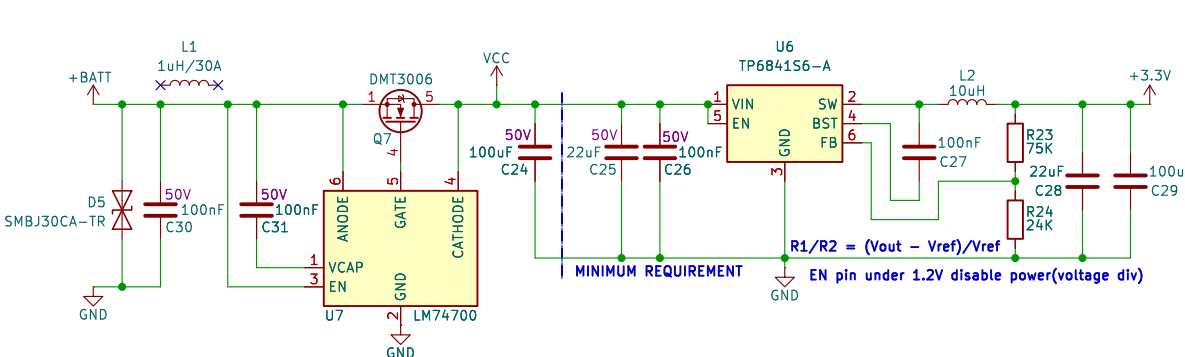
ZeroCross Sensing



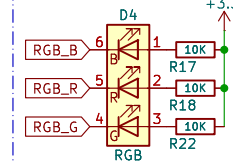
BEMF Voltage Divider



POWER



STATUS



Do not use S4 LiPo. Might destroy the mosfets over time.
Check components maximum voltage
CHANGE MOSFETS for continuous and extreme applications.
USED ONLY FOR TESTING.

PCB LAYERS(8):

GND LAYERS: In3,6
VCC LAYERS: In5
3.3V LAYERS: In4
Signal LAYERS: F,B,In4

Sheet: /
File: ElectronicSpeedController2.kicad_sch

Title: ElectronicSpeedController_TestBoard2

Size: A4
KiCad E.D.A. 8.0.6

Date: 2026-01-20

Rev:
Id: 1/1

LiPo 3S 2200mAh 40C+