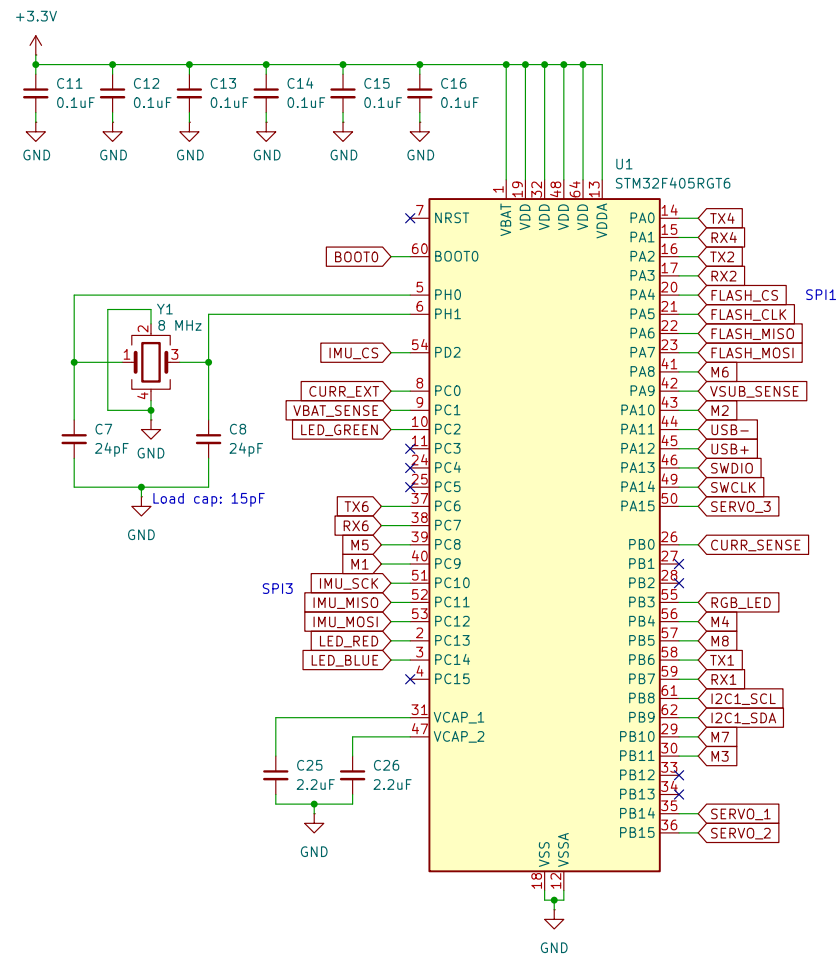
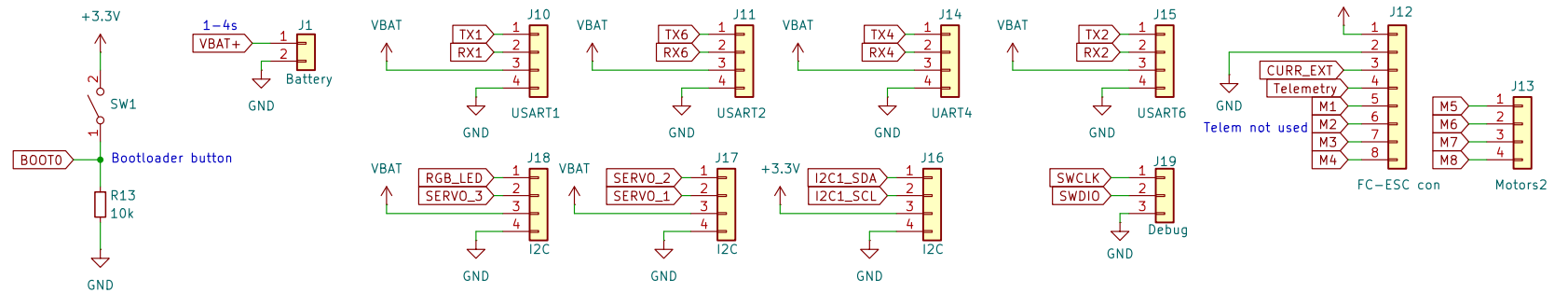


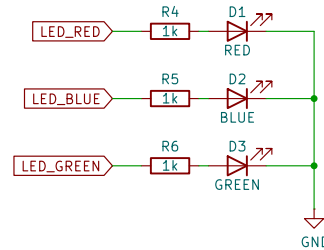
MCU



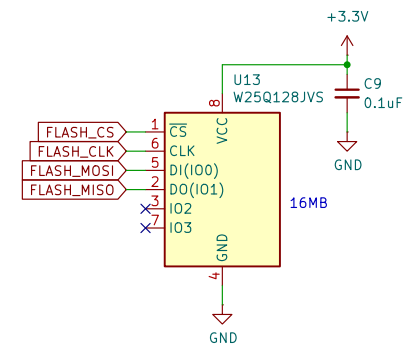
I/O



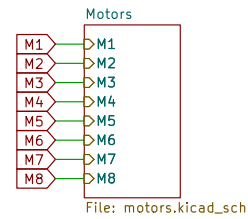
LEDs



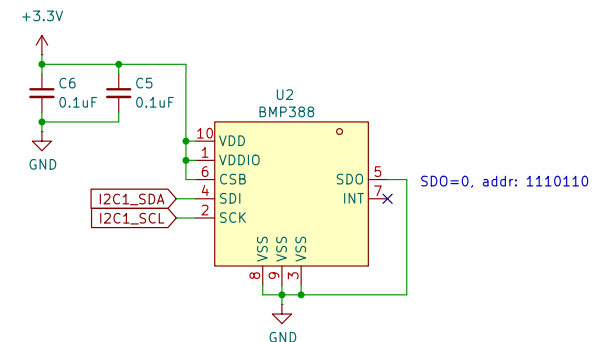
FLASH



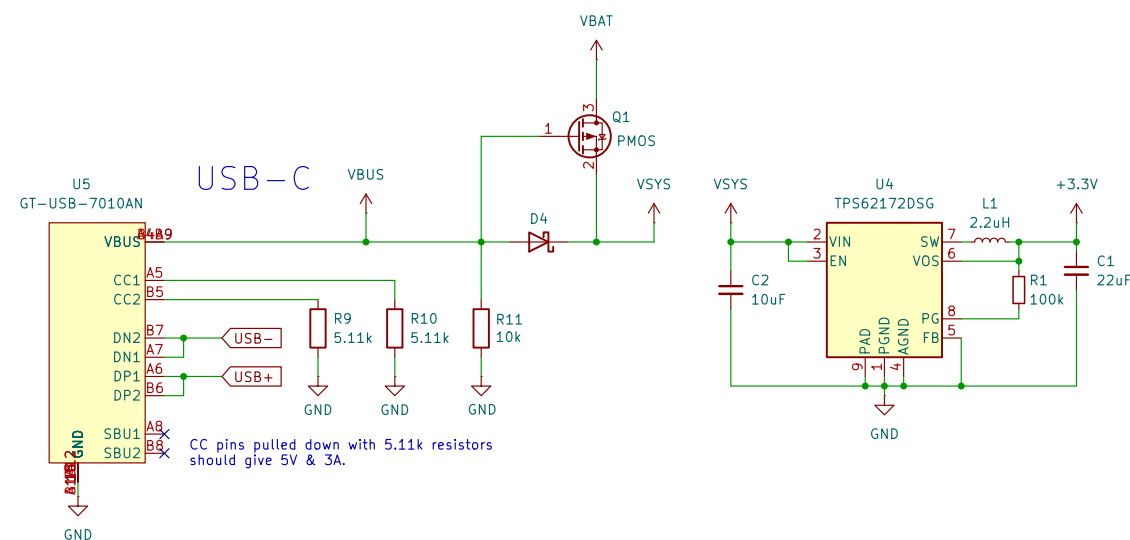
MOTORS



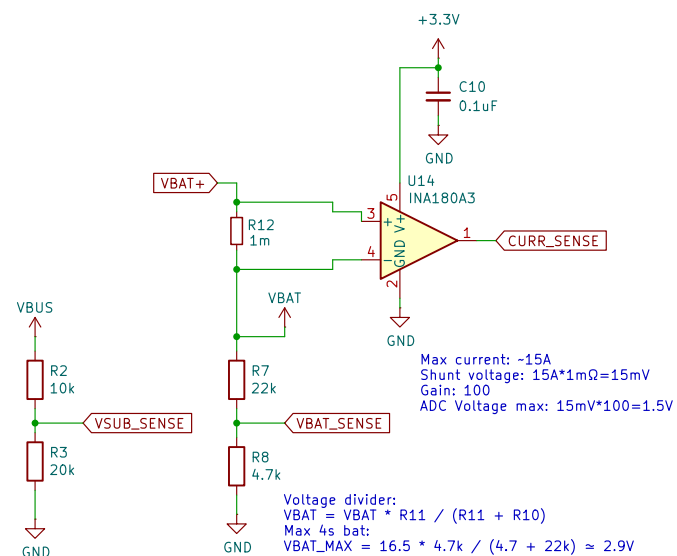
BARO



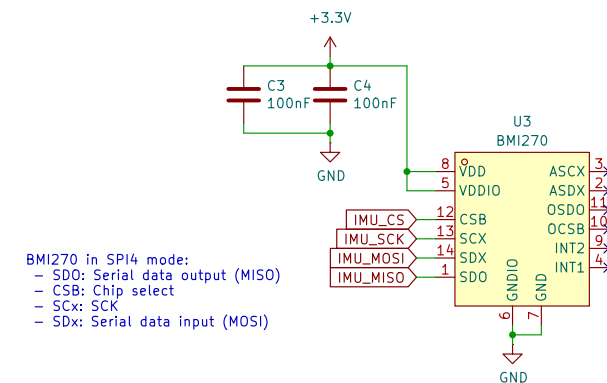
Power



Voltage & Current sensing



IMU



Victor Krook

Sheet: /
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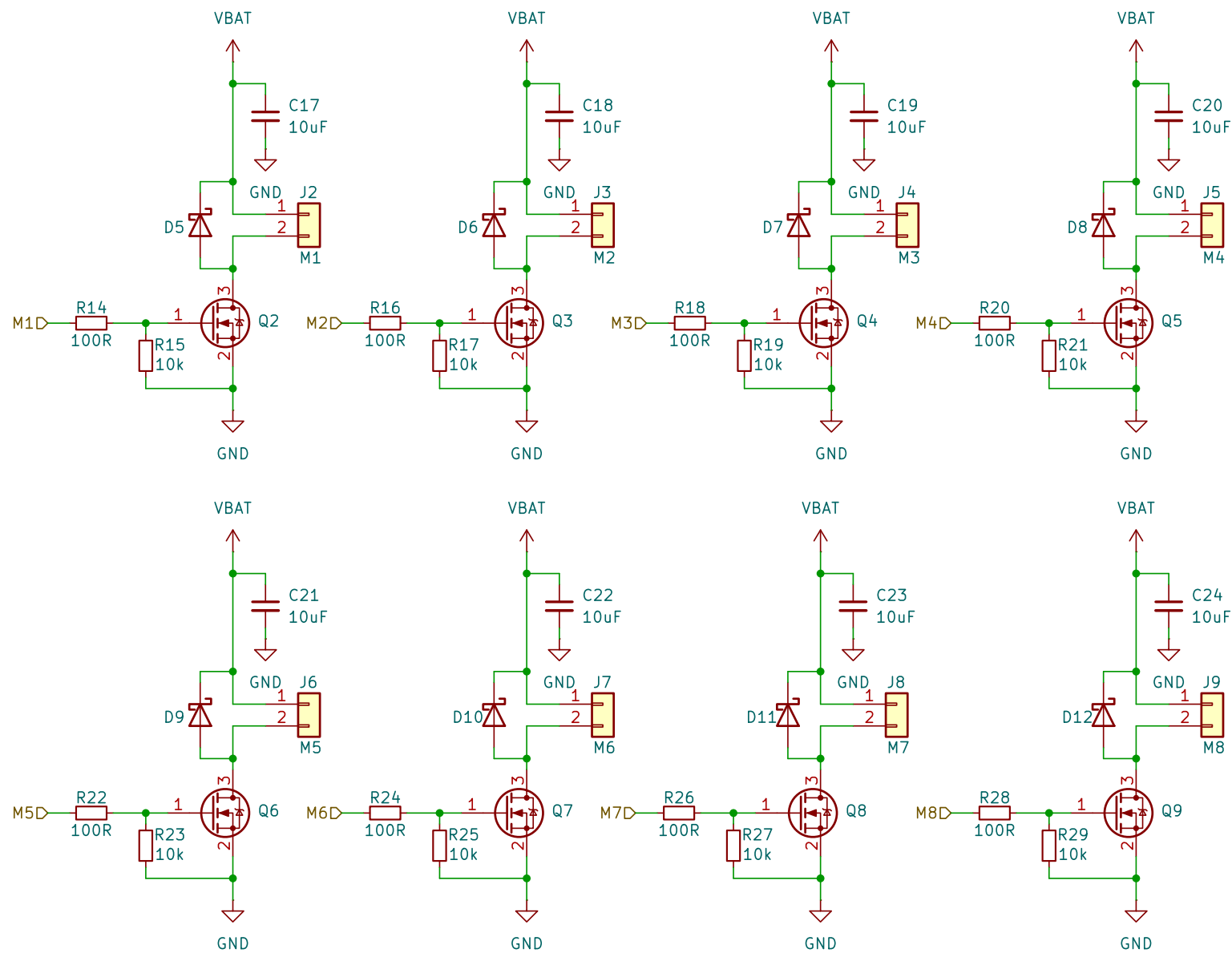
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KiCad E.D.A. 8.0.5

Date: 2024-09-15

Rev: A
Id: 1/2

Brushed DC motors are driven by a simple N-channel MOSFET configuration, with a protective schottky as flyback diode. 100Ω gate resistor to limit current to the gate, and a pulldown resistor to ensure motor power is OFF during startup/shutdown of mcu.



Sheet: /Motors/
File: motors.kicad_sch

Title:

Size: A4

Date:

Rev:

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Id: 2/2