

MCU



File: mcu.kicad\_sch

Motor Controller



File: motor-controller.kicad\_sch

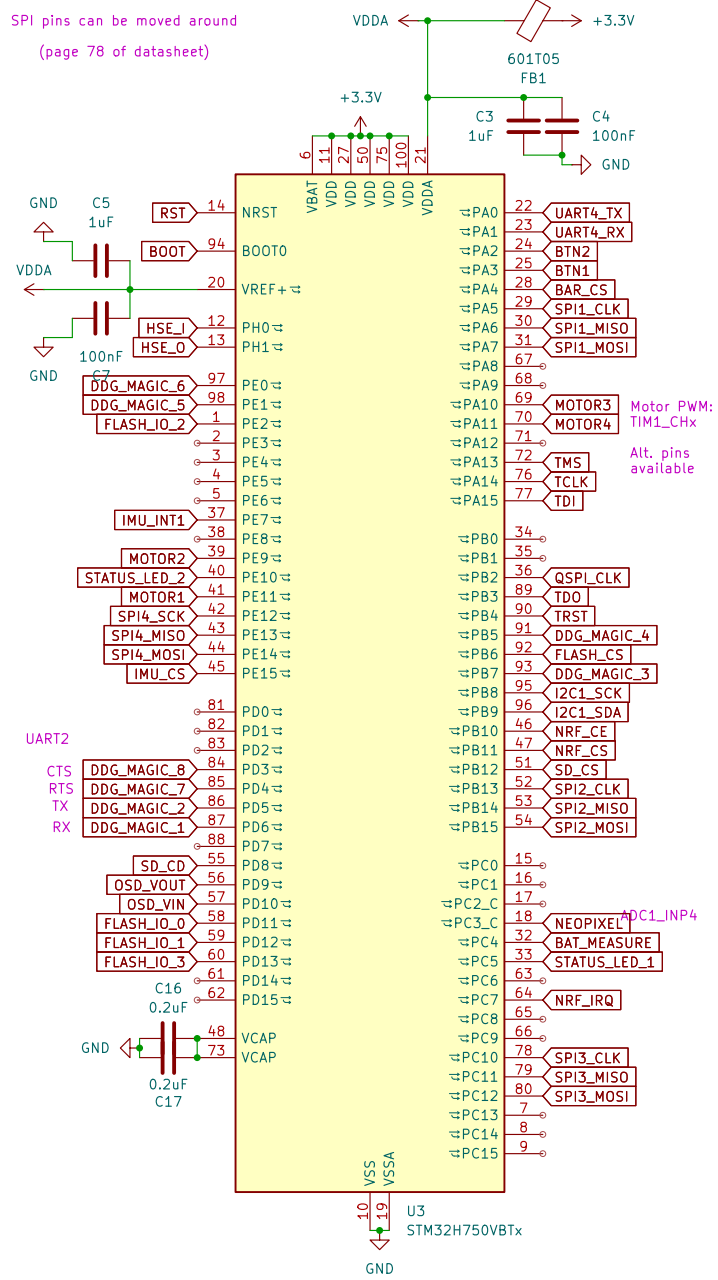
Peripherals



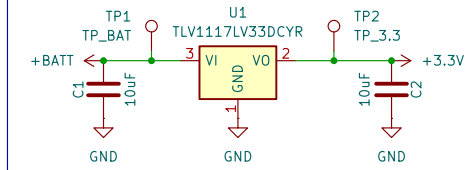
File: peripherals.kicad\_sch

## Microcontroller Unit

SPI pins can be moved around  
(page 78 of datasheet)



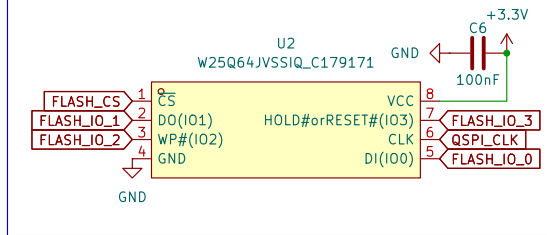
## Voltage Regulation



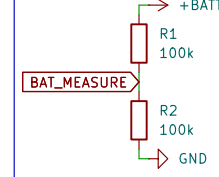
## Battery Connector



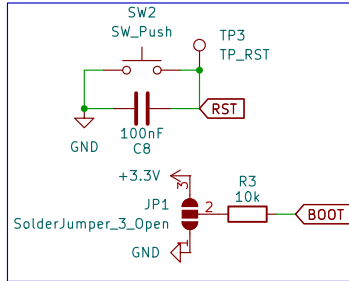
## Flash Memory



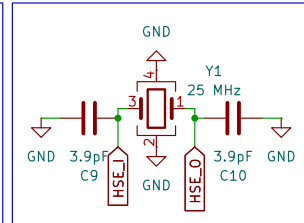
## Battery Voltage Divider



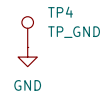
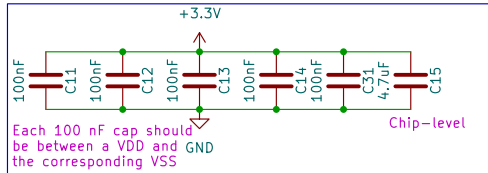
## Reset/Boot

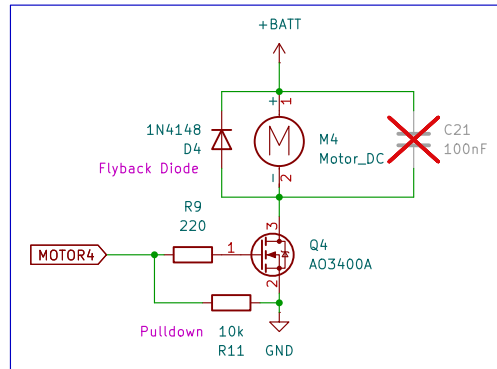
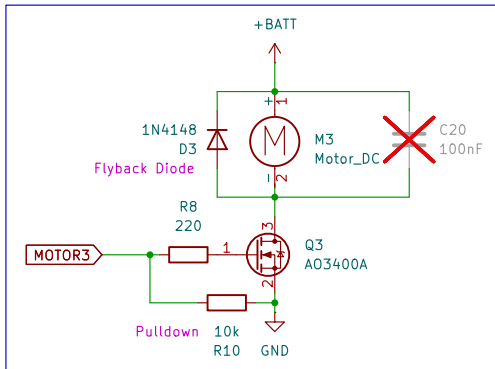
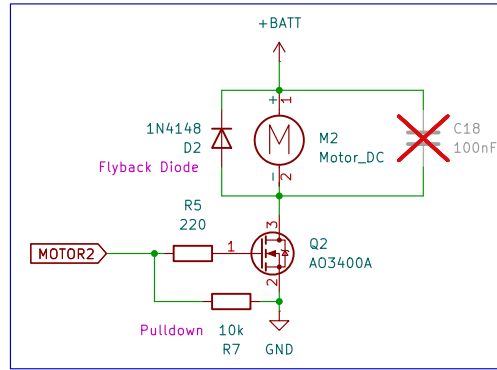
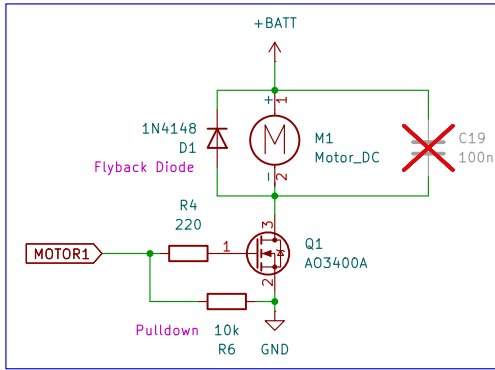


## Crystal

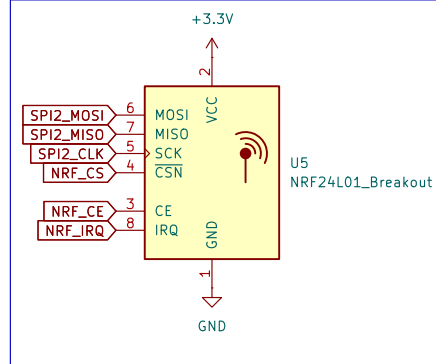


## Chip Decoupling

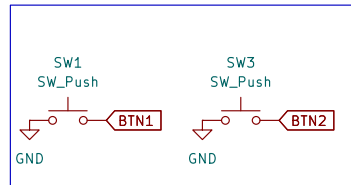




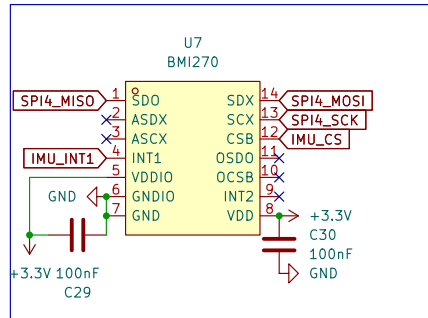
NRF Wireless Chip



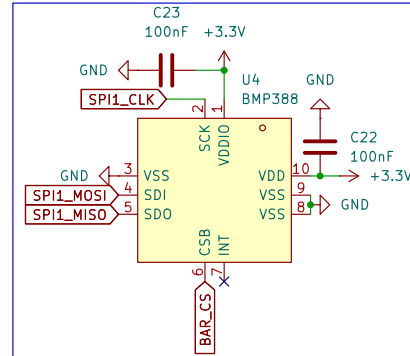
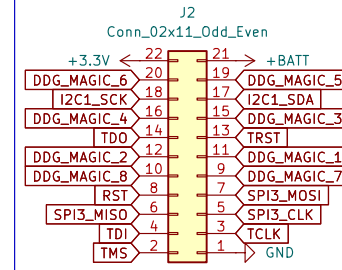
Buttons



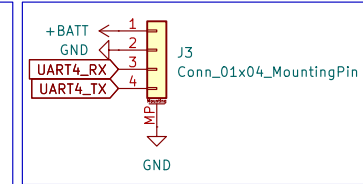
Inertial Measurement Unit



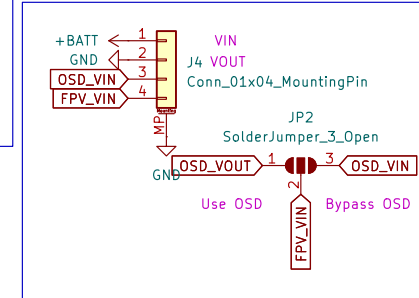
DUCKDUCKGOOSE (Digital Unified Centralized Kibibit Device Universal Coding Knowledge Generic Operable Objective Service Extensible) Connector Barometer



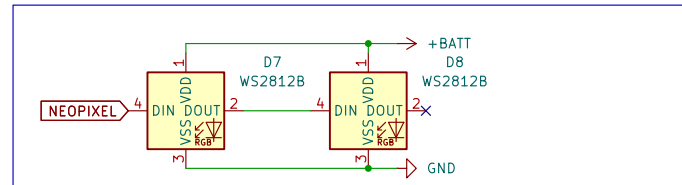
Extra UART connector



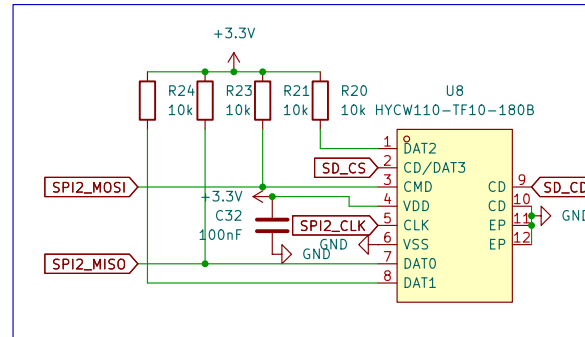
FPV connector



Neopixels



Micro Secure Digital Card Interface Socket Connector



Status Light Emitting Diodes

