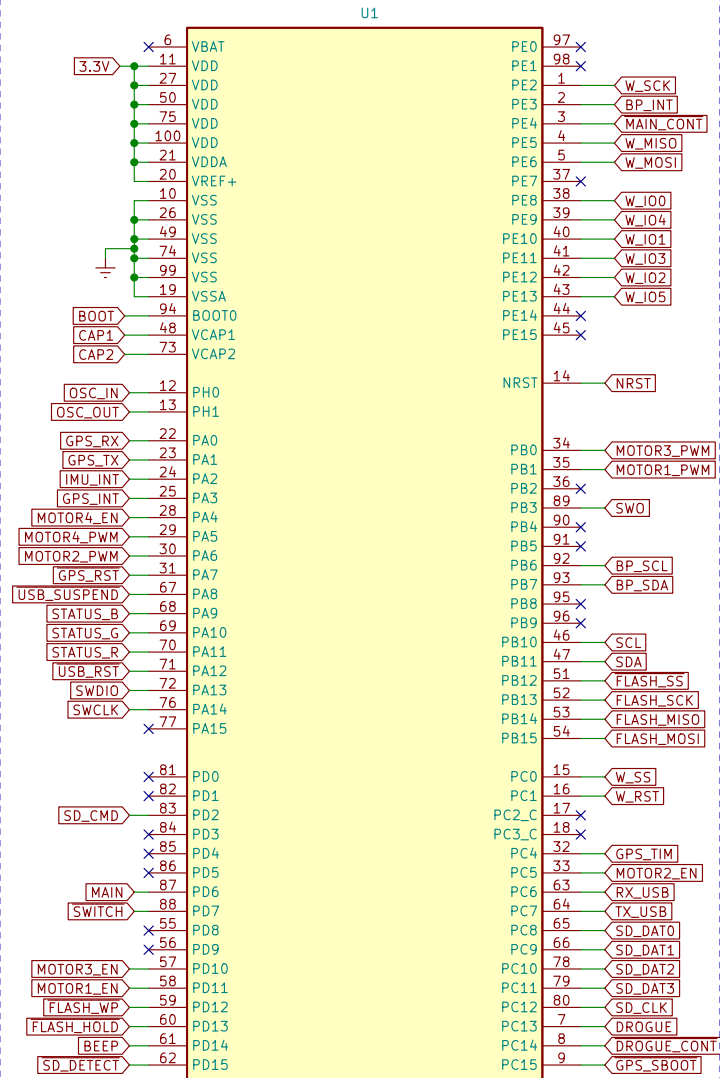
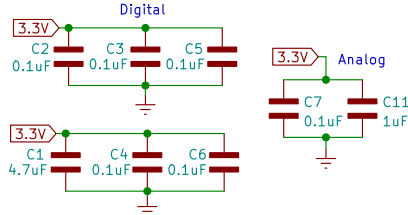


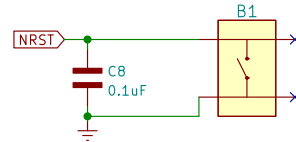
Microcontroller



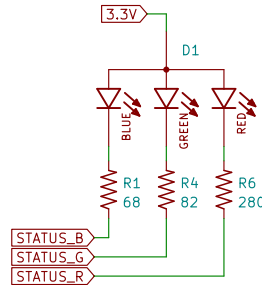
MCU Decoupling Caps



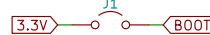
MCU Reset



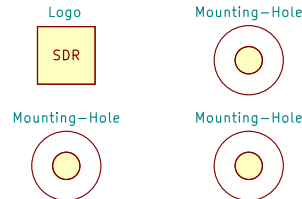
Firmware Status LED



Boot Setting



Miscellaneous



Peripherals

USB
Parachute Deployment
Buzzer

Flash
Wireless

File: peripherals.kicad_sch

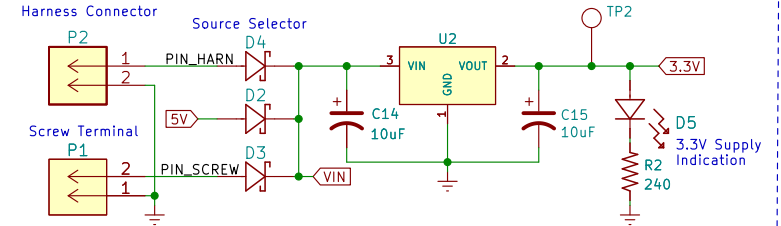
Navigation and Control

Pressure
IMU
Motor Driver

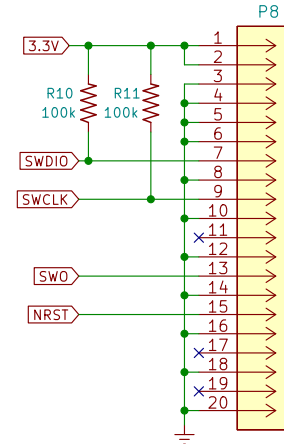
GPS
Temperature

File: sensors.kicad_sch

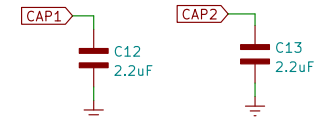
3.3V Power Supply



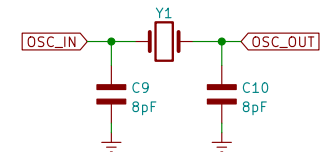
SWD Programmer



MCU Internal Regulator Caps



Crystal Oscillator



Author: Colton Acosta
Sun Devil Rocketry

Sheet: /
File: Flight-Computer.kicad_sch

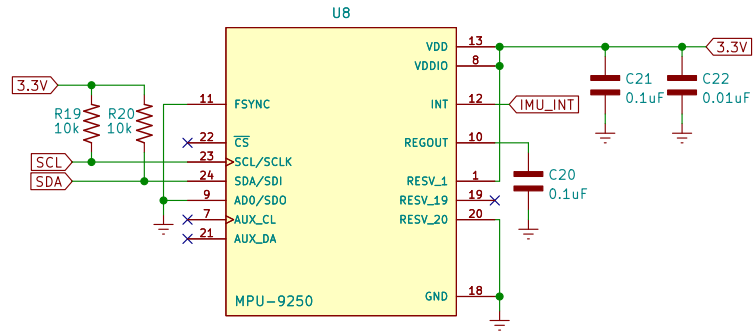
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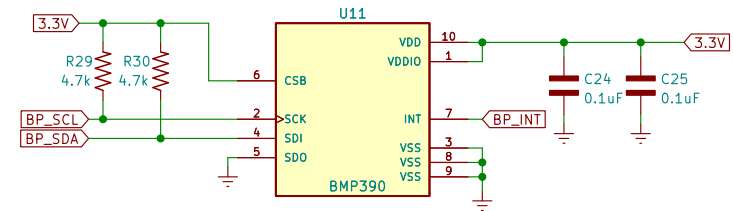
Date: 2022-05-30

Rev: 1.0
Id: 1/3

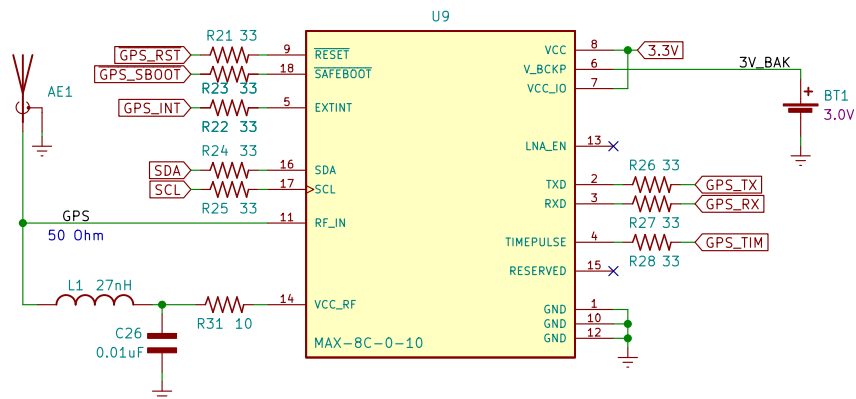
Inertial Measurement Unit



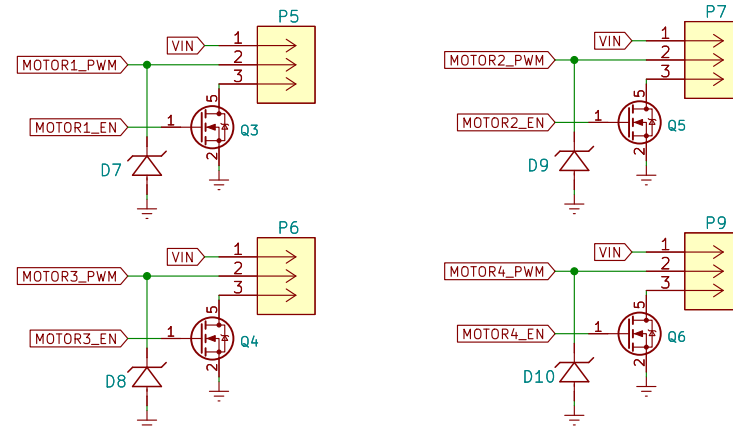
Barometric Pressure Sensor and Temperature Sensor



GPS Module



Servo Motor PWM Interface



Sheet: /Navigation and Control/
File: sensors.kicad_sch

Title:

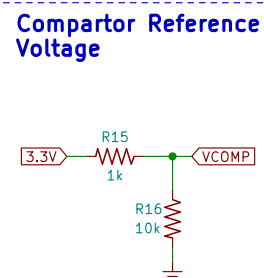
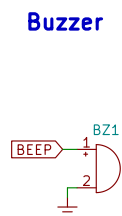
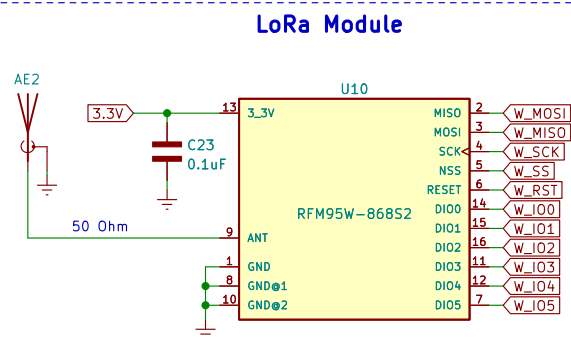
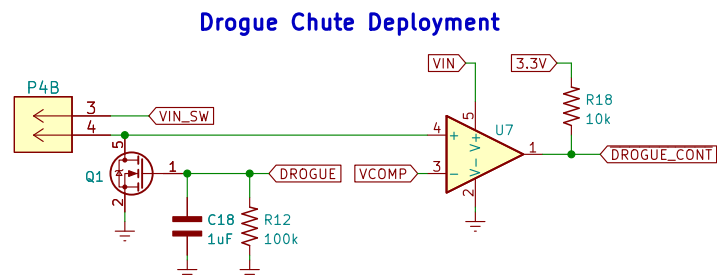
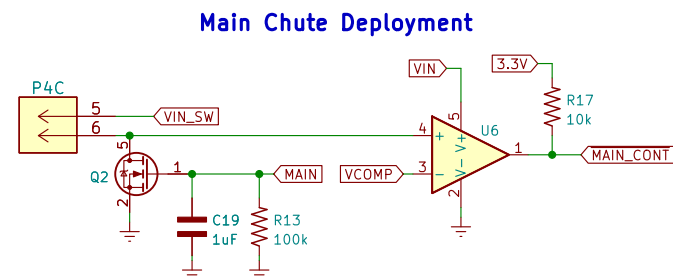
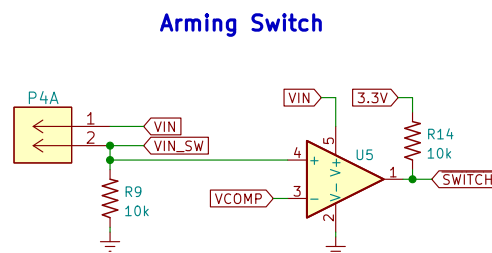
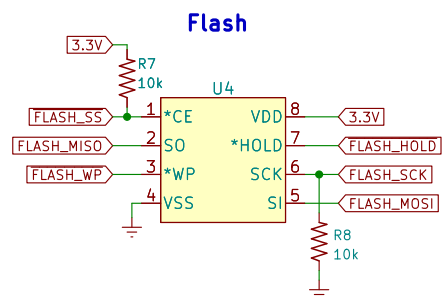
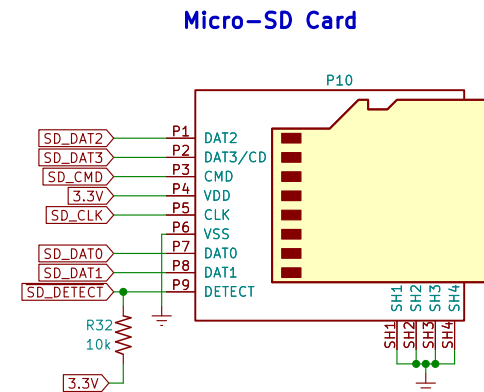
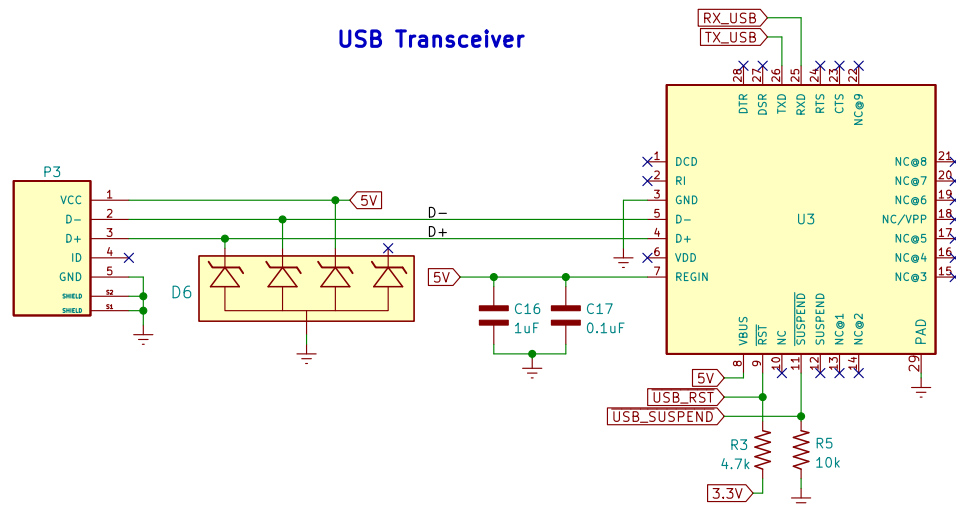
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Rev:

Id: 3/3



Sheet: /Peripherals/
File: peripherals.kicad_sch

Title:

Size: A4	Date:
KiCad E.D.A. kicad (6.0.8)	

Rev:
Id: 4/3