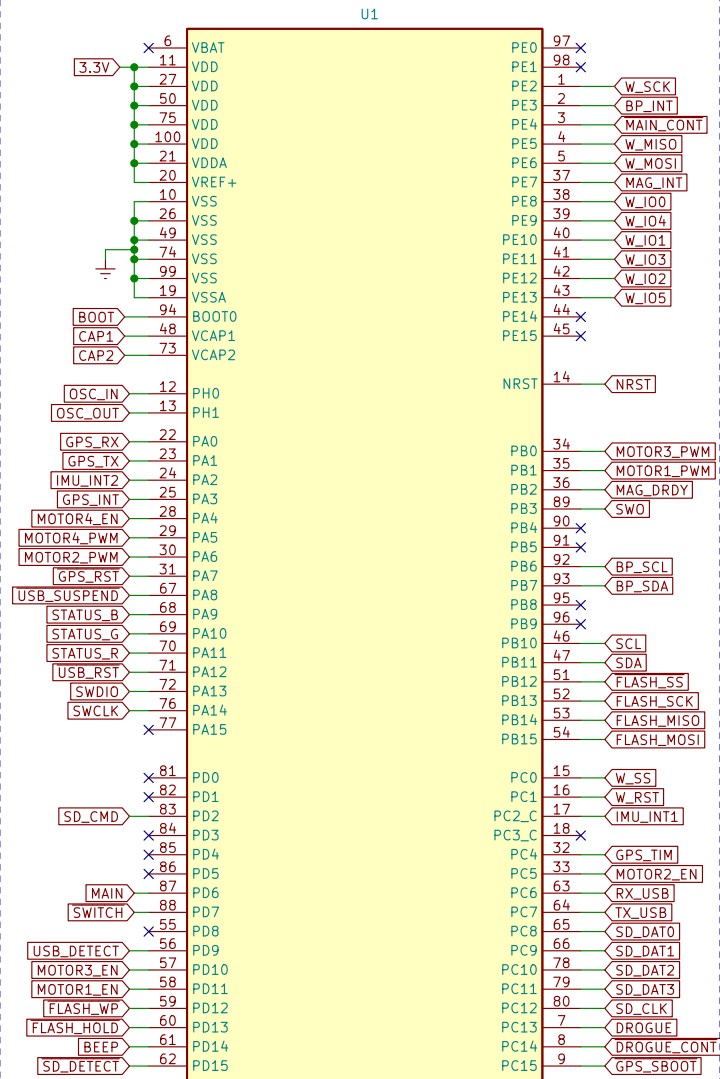
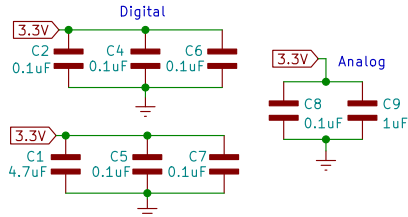


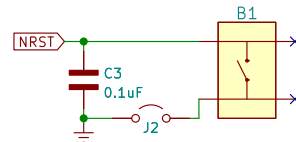
Microcontroller



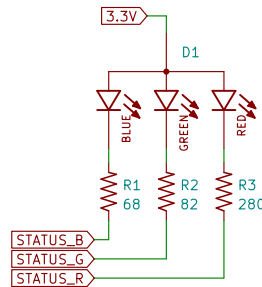
MCU Decoupling Caps



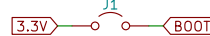
MCU Reset



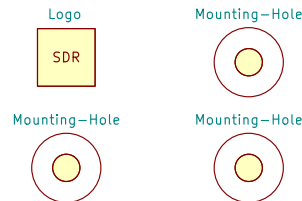
Firmware Status LED



Boot Setting



Miscellaneous



Peripherals

USB
Parachute Deployment
Buzzer

Flash
Wireless

File: peripherals.kicad_sch

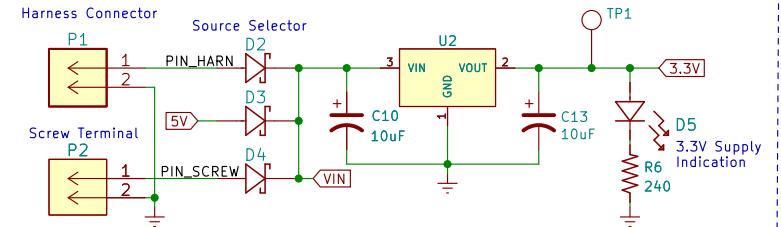
Navigation and Control

Pressure
IMU
Motor Driver

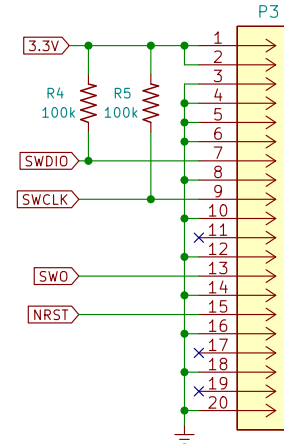
GPS
Temperature
Magnetometer

File: sensors.kicad_sch

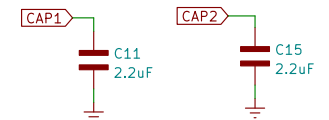
3.3V Power Supply



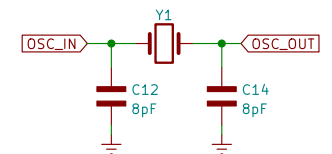
SWD Programmer



MCU Internal Regulator Caps



Crystal Oscillator



Author: Colton Acosta
Sun Devil Rocketry

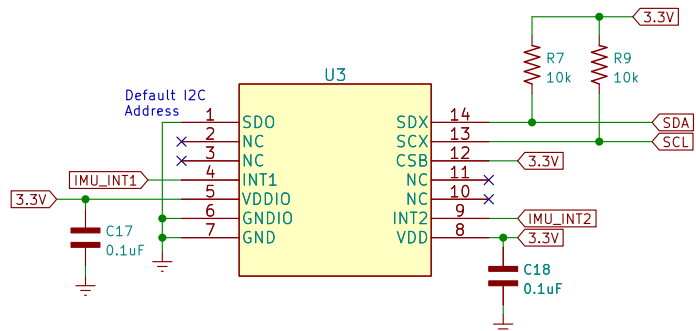
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Title: Flight Computer

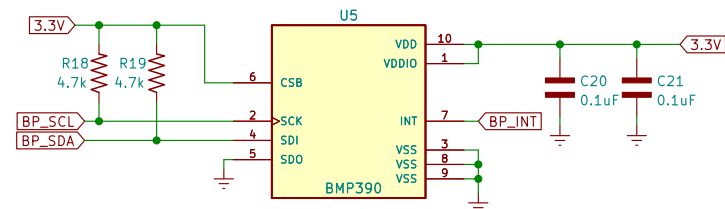
Size: A4 Date: 2022-05-30
KiCad E.D.A. kicad (6.0.9)

Rev: 1.0
Id: 1/3

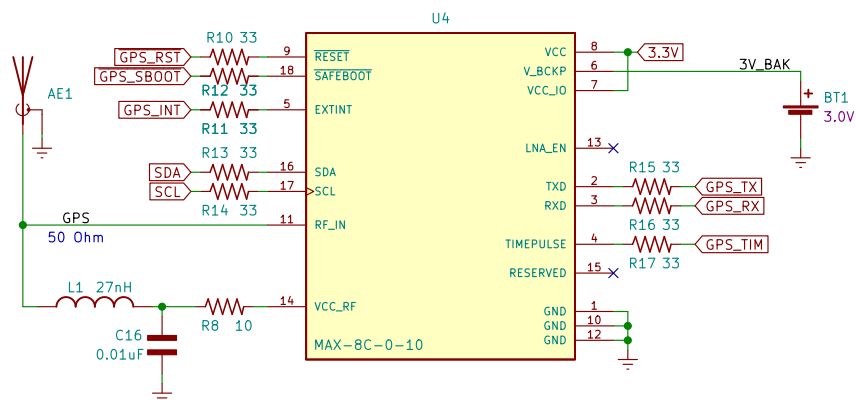
Inertial Measurement Unit



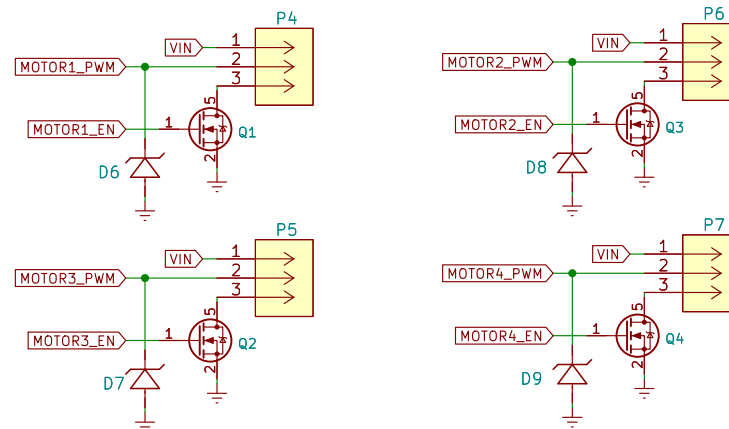
Barometric Pressure Sensor and Temperature Sensor



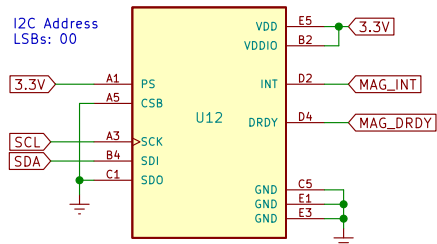
GPS Module



Servo Motor PWM Interface



Magnetometer

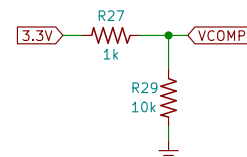
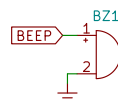
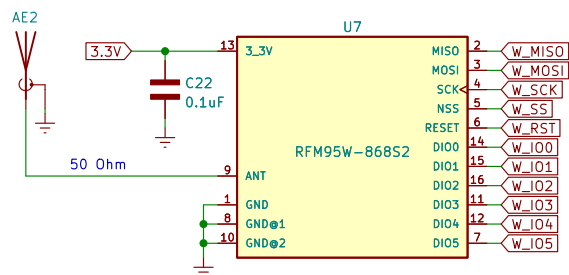
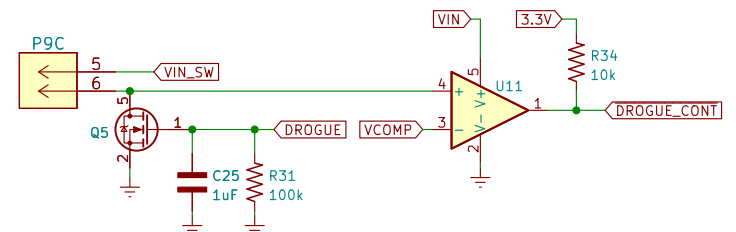
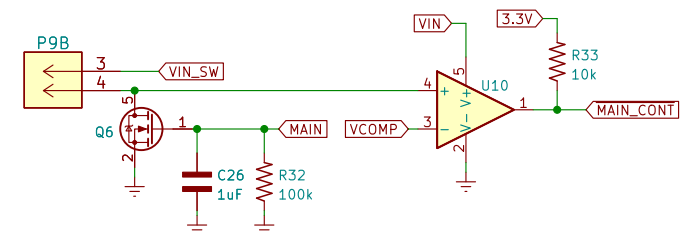
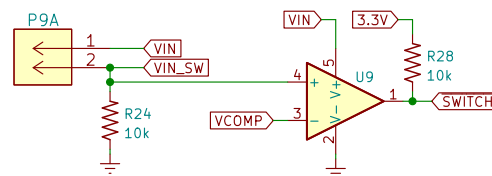
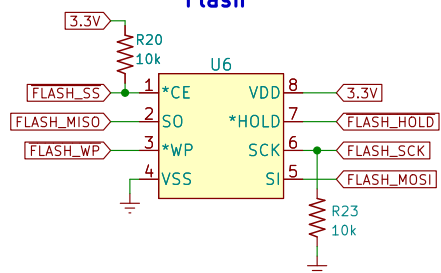
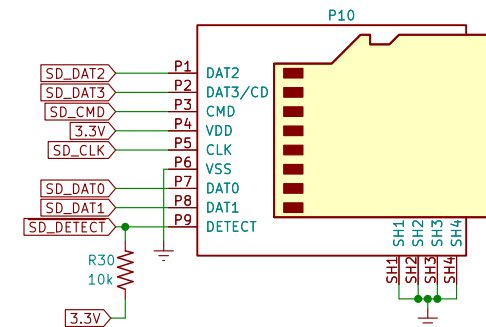
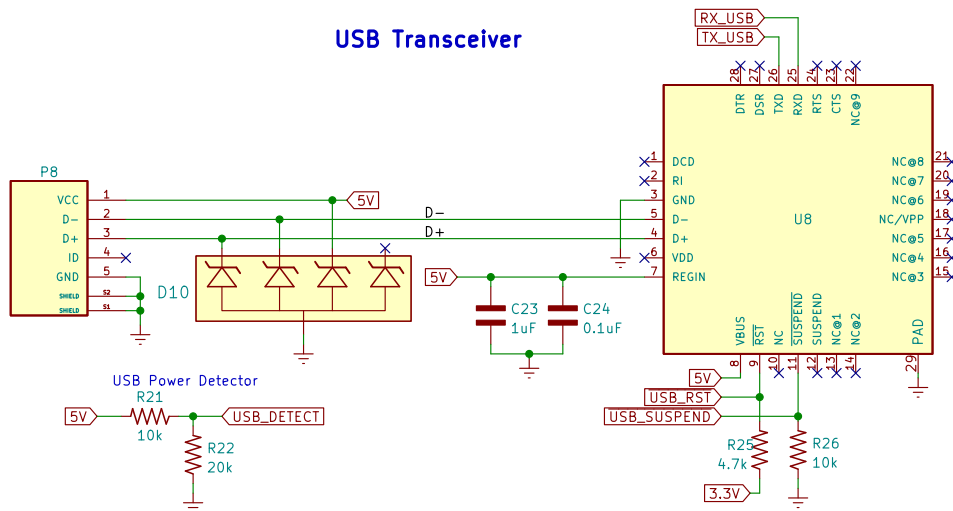


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Title:

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