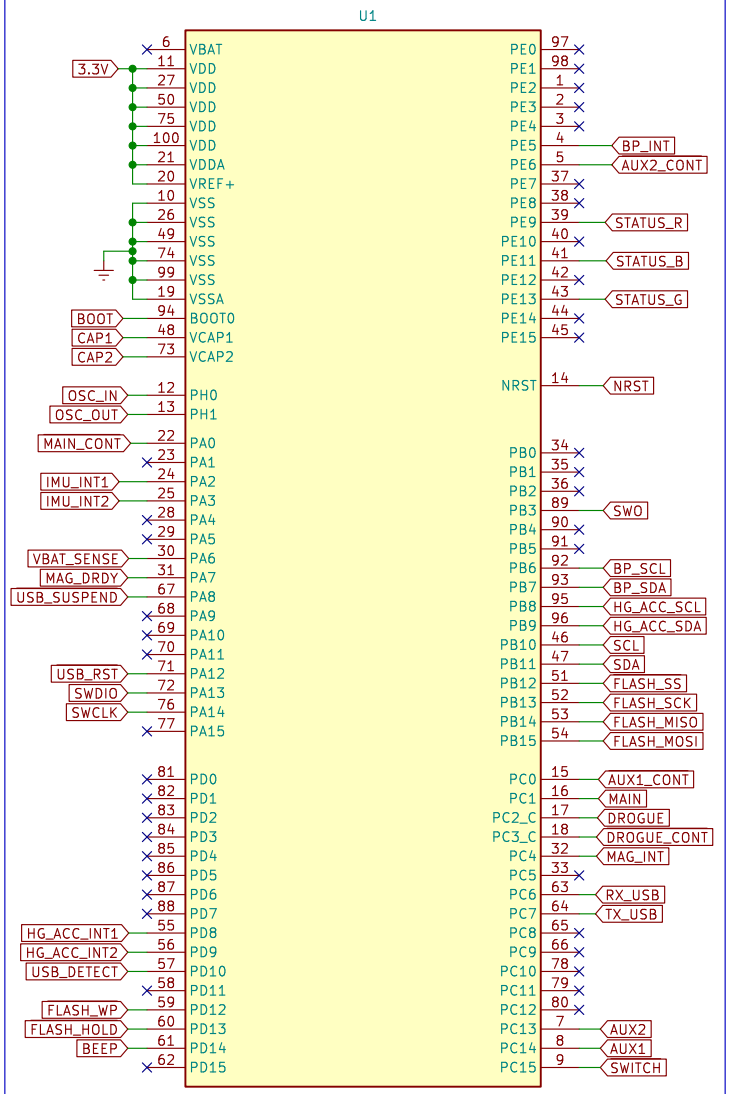
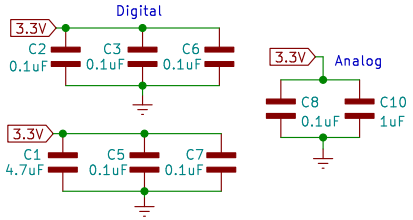
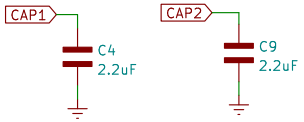
Microcontroller



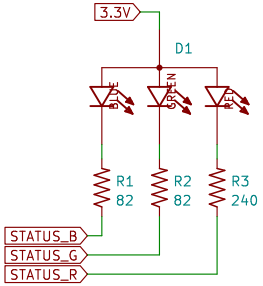
MCU Decoupling Caps



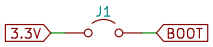
MCU Internal Regulator Caps



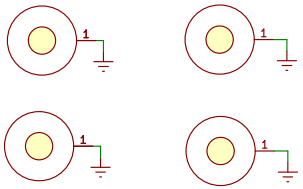
Firmware Status LED



Boot Setting



Mounting Holes



Peripherals

USB

Flash

Parachute Deployment

Buzzer

Staging

File: peripherals.kicad_sch

Sensors

Pressure

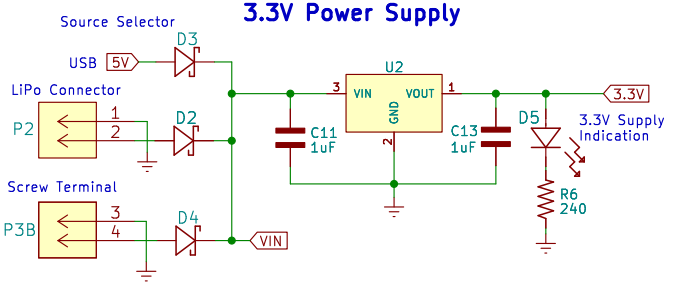
Temperature

IMU

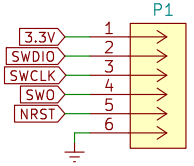
Magnetometer

File: sensors.kicad_sch

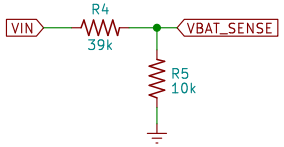
3.3V Power Supply



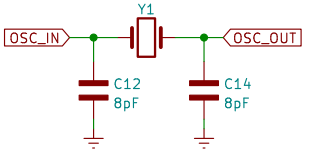
SWD Programmer



Battery Voltage Measurement



Crystal Oscillator



Author: Colton Acosta

Sun Devil Rocketry

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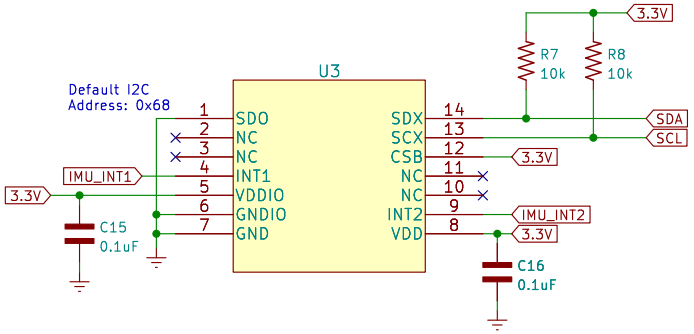
File: Full-Flight-Computer.kicad_sch

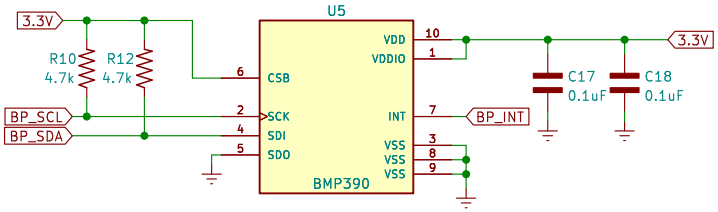
Title: Flight Computer

Size: A4	Date: 2022-05-30	**Rev: 1.0**
KiCad E.D.A. kicad 7.0.1		Id: 1/3

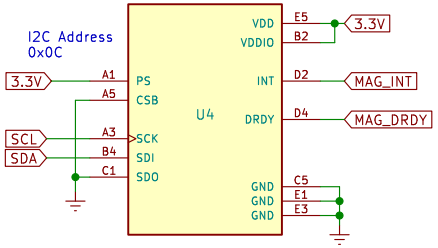
Inertial Measurement Unit



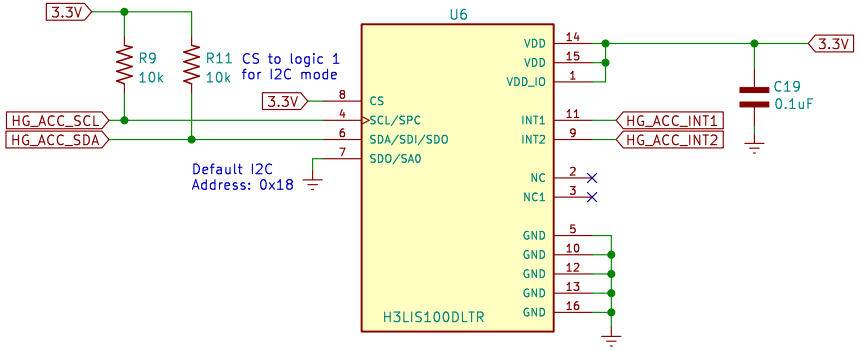
Barometric Pressure Sensor and Temperature Sensor



Magnetometer



High G Accelerometer



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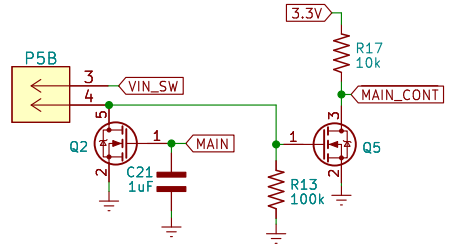
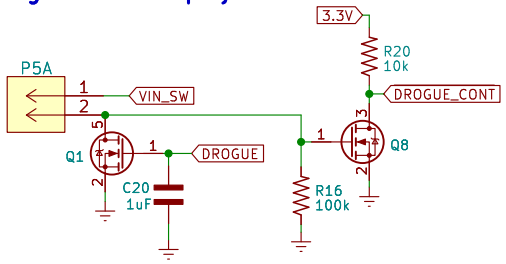
Size: A4	Date:	**Rev:**
KiCad E.D.A. kicad 7.0.1		Id: 3/3

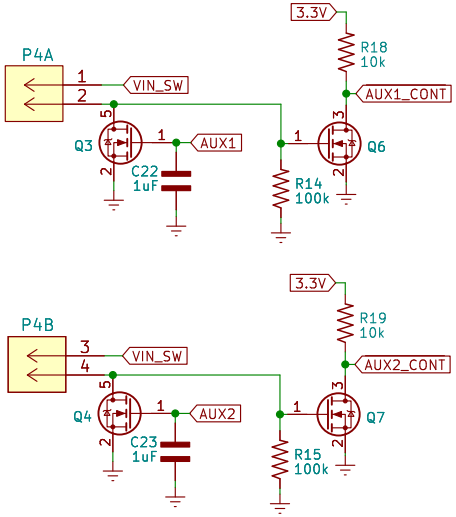
Main Chute Deployment



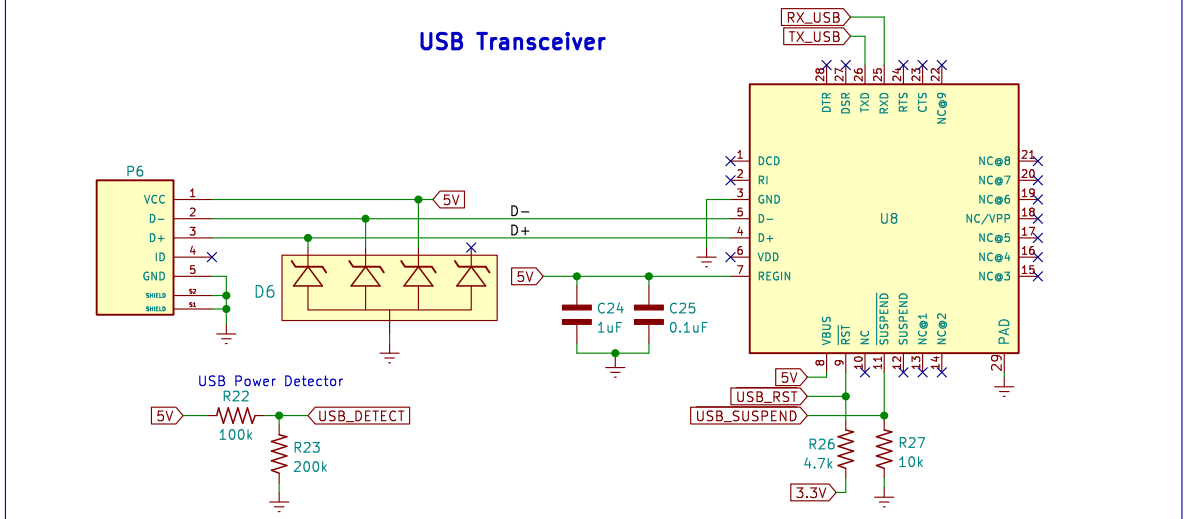
Drogue Chute Deployment



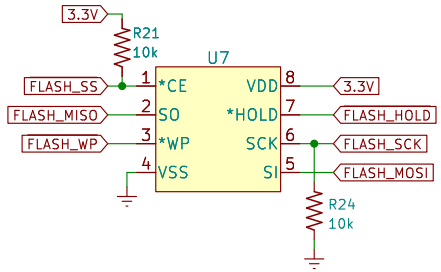
Auxiliary Ports



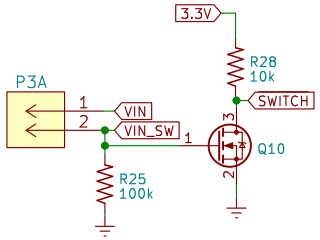
USB Transceiver



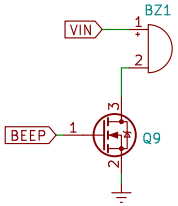
Flash



Arming Switch



Buzzer



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