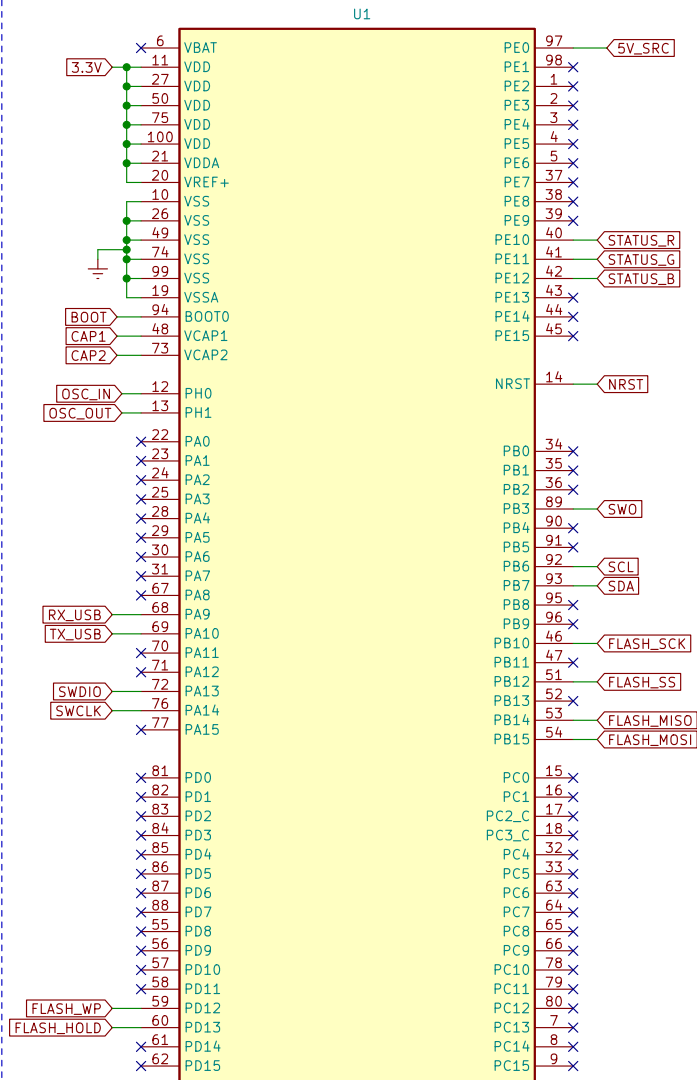
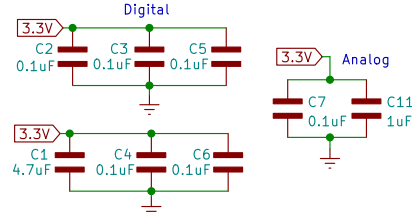


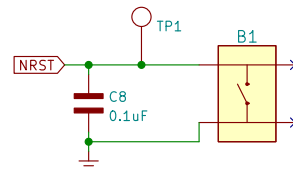
Microcontroller



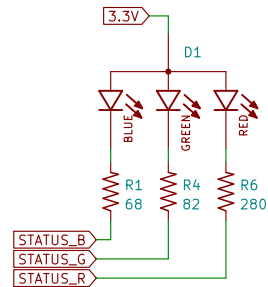
MCU Decoupling Caps



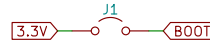
MCU Reset



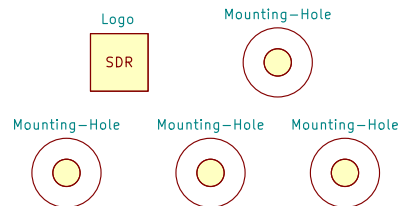
Firmware Status LED



Boot Setting



Miscellaneous



Peripherals

USB
Parachute Deployment
Buzzer

Flash
Wireless
Motors

File: peripherals.kicad_sch

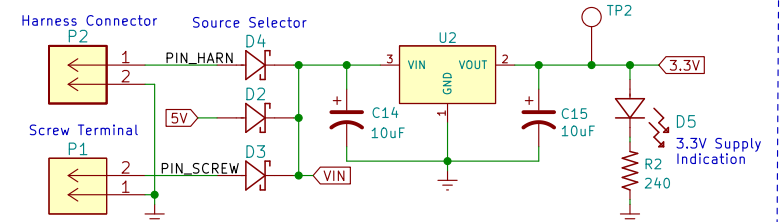
Sensors

Pressure
IMU

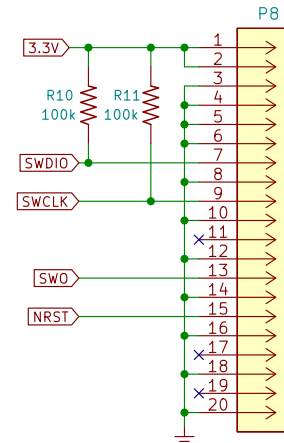
GPS
Temperature

File: sensors.kicad_sch

3.3V Power Supply



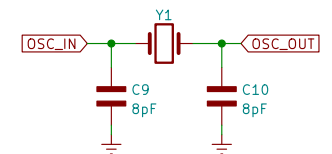
SWD Programmer



MCU Internal Regulator Caps



Crystal Oscillator



Author: Colton Acosta
Sun Devil Rocketry

Sheet: /
File: Flight-Computer.kicad_sch

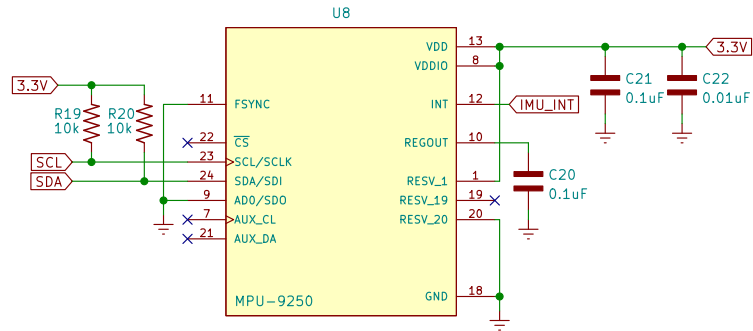
Title: Engine Controller Microcontroller Board

Size: A4
KiCad E.D.A. kicad (6.0.5)

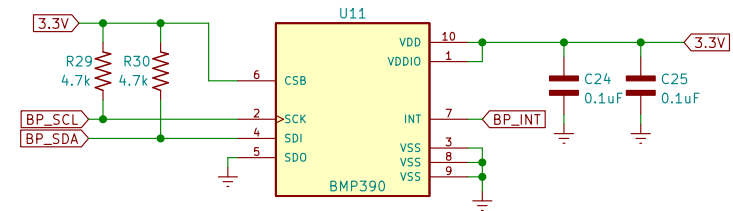
Date: 2021-06-26

Rev: 1.0
Id: 1/3

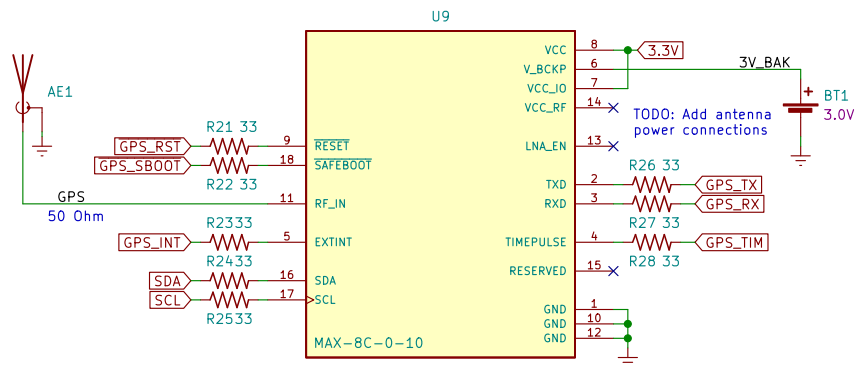
Inertial Measurement Unit



Barometric Pressure Sensor and Temperature Sensor



GPS Module



Sheet: /Sensors/
File: sensors.kicad_sch

Title:

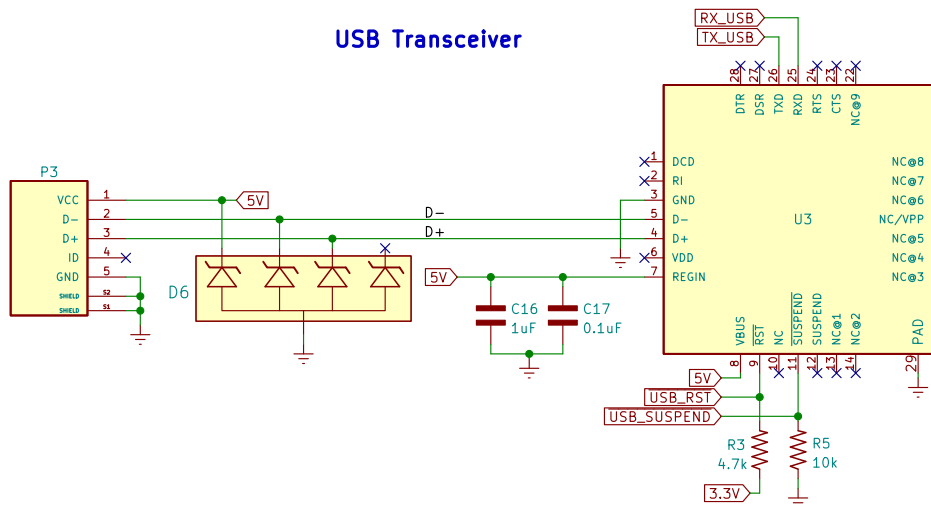
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KiCad E.D.A. kicad (6.0.5)

Date:

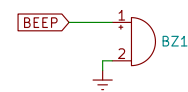
Rev:

Id: 3/3

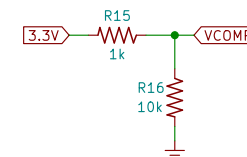
USB Transceiver



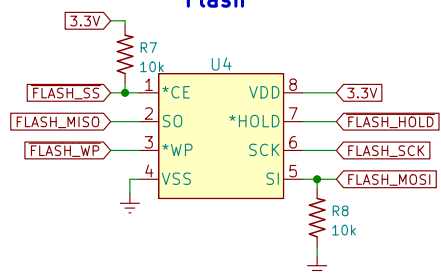
Buzzer



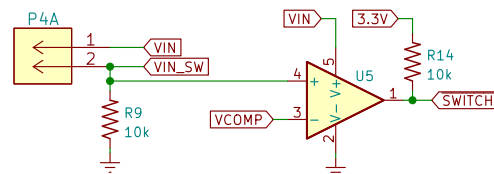
Compartor Reference Voltage



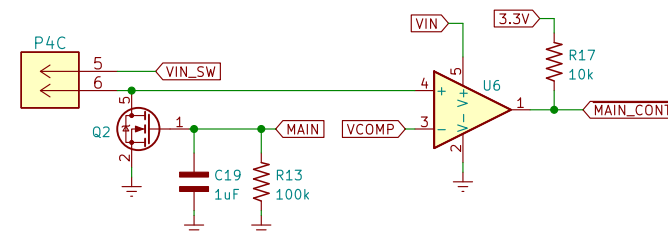
Flash



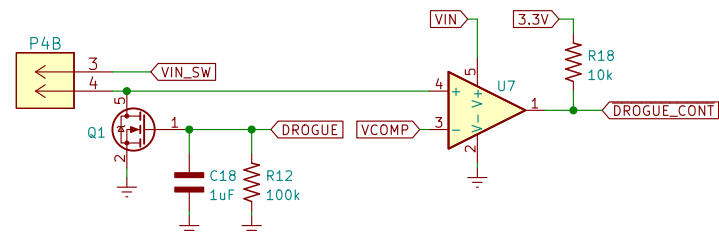
Arming Switch



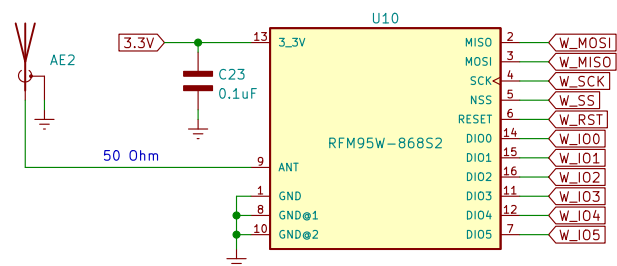
Main Chute Deployment



Droge Chute Deployment



LoRa Module



Sheet: /Peripherals/
File: peripherals.kicad_sch

Title:

Size: A4

Date:

KiCad E.D.A. kicad (6.0.5)

Rev:

Id: 4/3