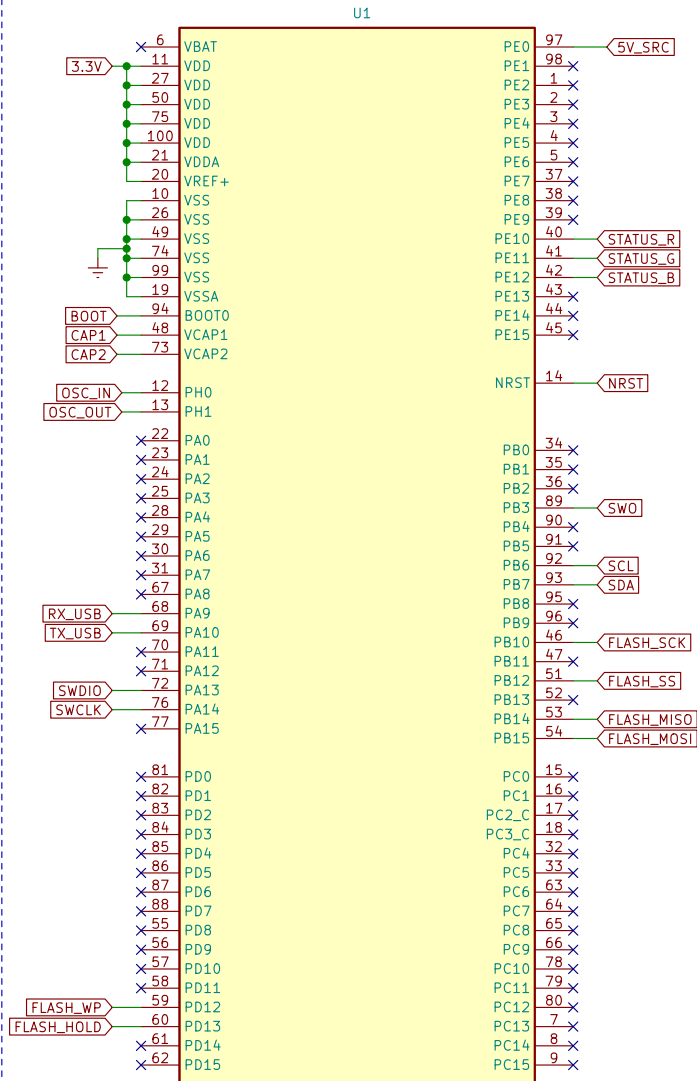
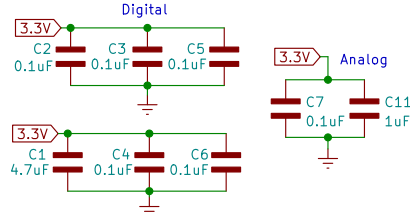


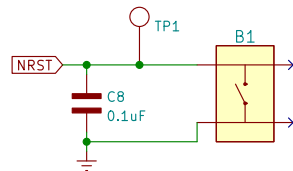
## Microcontroller



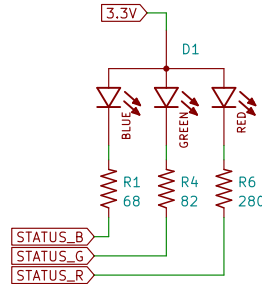
## MCU Decoupling Caps



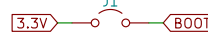
## MCU Reset



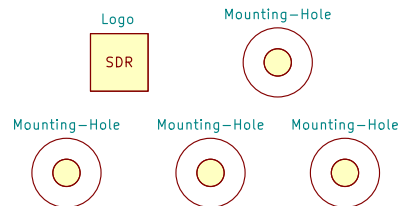
## Firmware Status LED



## Boot Setting



## Miscellaneous



## Peripherals

USB  
Parachute Deployment  
Buzzer

Flash  
Wireless

File: peripherals.kicad\_sch

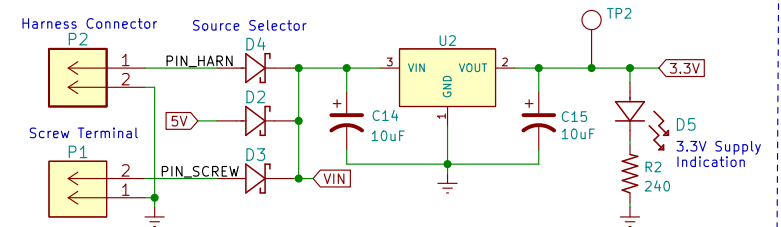
## Navigation and Control

Pressure  
IMU  
Motor Driver

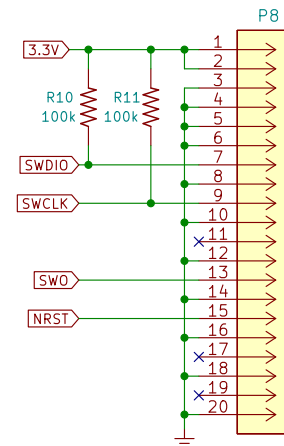
GPS  
Temperature

File: sensors.kicad\_sch

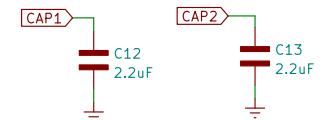
## 3.3V Power Supply



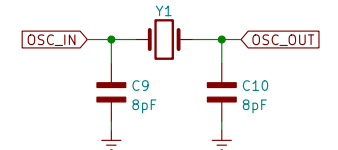
## SWD Programmer



## MCU Internal Regulator Caps



## Crystal Oscillator



Author: Colton Acosta  
Sun Devil Rocketry

Sheet: /  
File: Flight-Computer.kicad\_sch

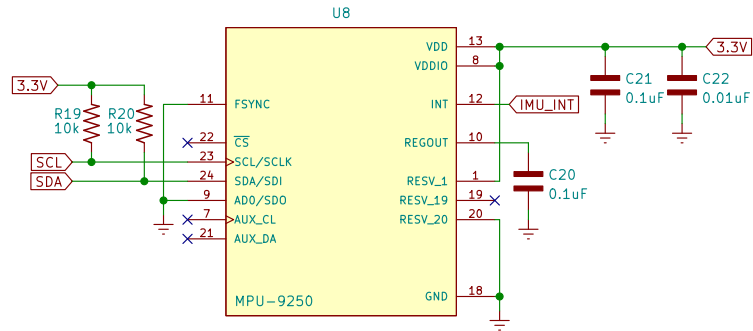
Title: Flight Computer

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

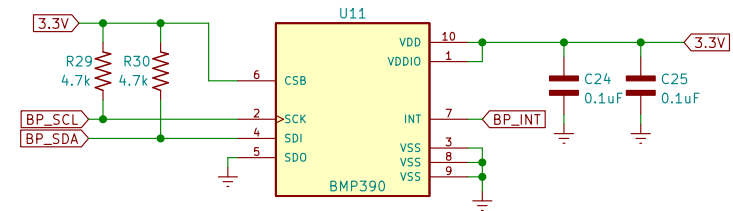
Date: 2022-05-30

Rev: 1.0  
Id: 1/3

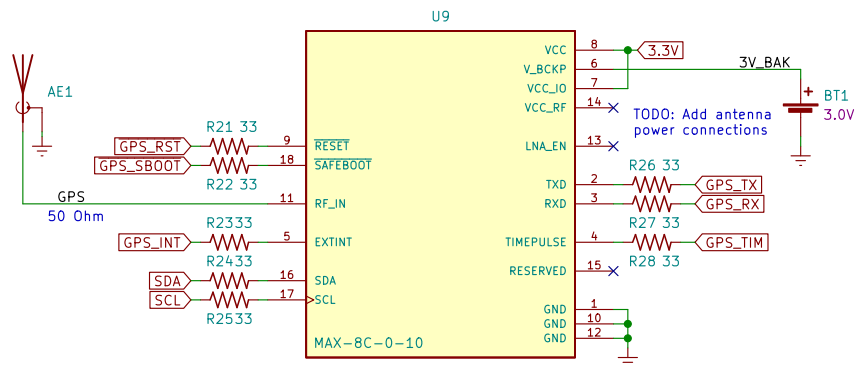
## Inertial Measurement Unit



## Barometric Pressure Sensor and Temperature Sensor



## GPS Module



Sheet: /Navigation and Control/  
File: sensors.kicad\_sch

### Title:

Size: A4

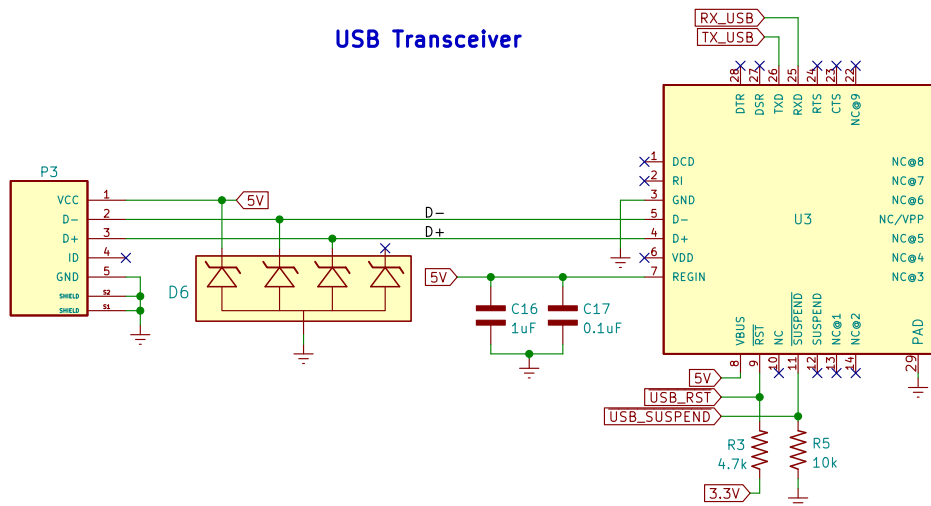
Date:

KiCad E.D.A. kicad (6.0.5)

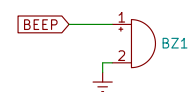
Rev:

Id: 3/3

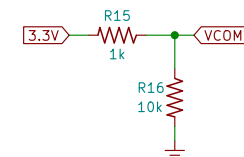
## USB Transceiver



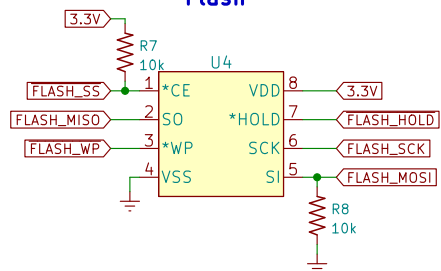
## Buzzer



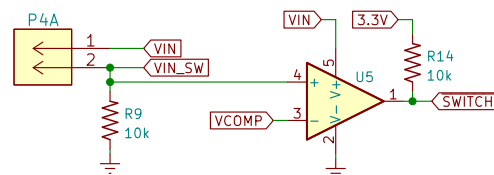
## Compartor Reference Voltage



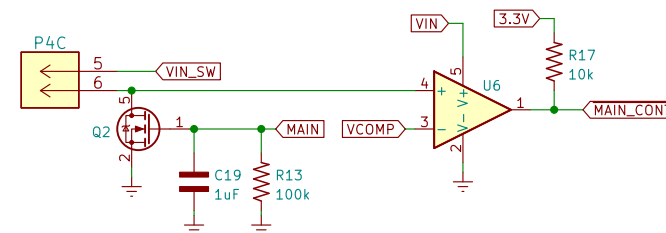
## Flash



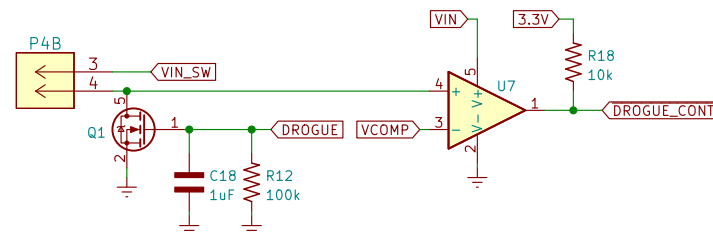
## Arming Switch



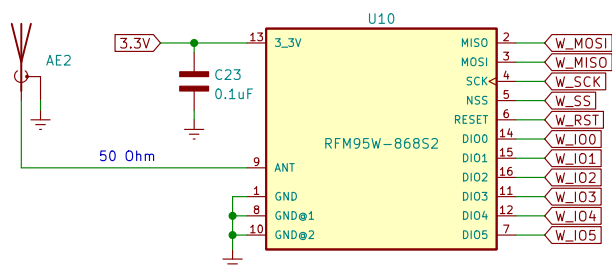
## Main Chute Deployment



## Drogue Chute Deployment



## LoRa Module



Sheet: /Peripherals/  
File: peripherals.kicad\_sch

### Title:

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

Date:

Rev:

Id: 4/3