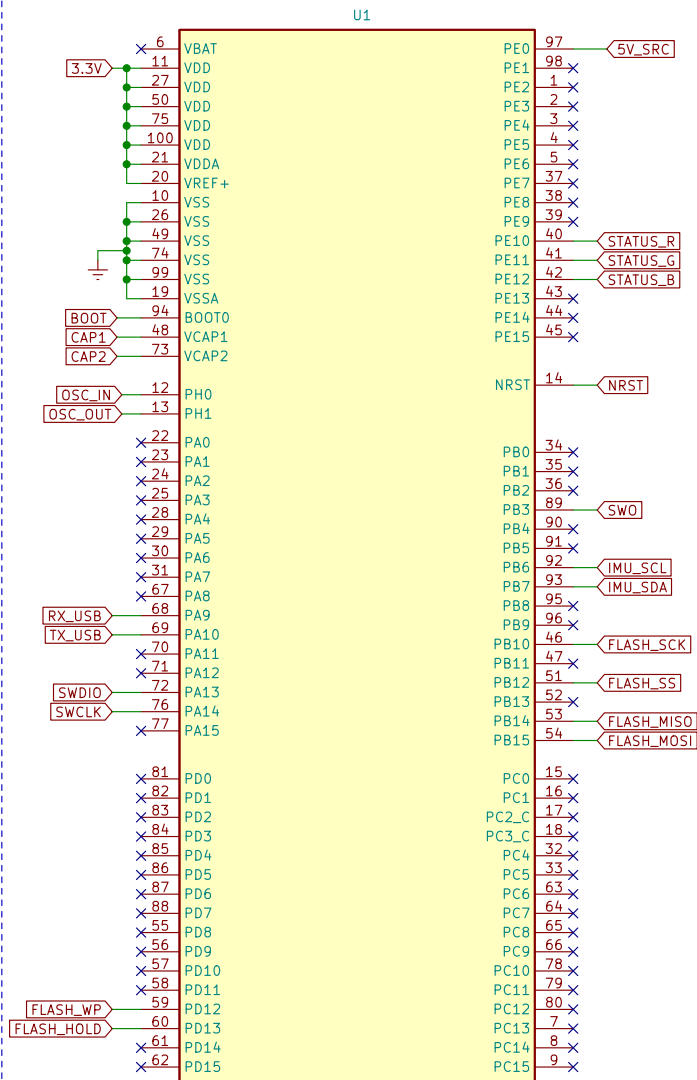
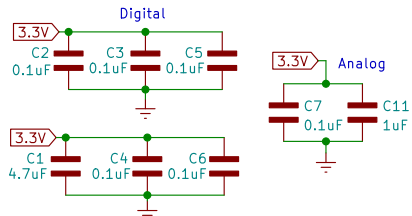


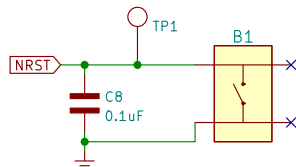
## Microcontroller



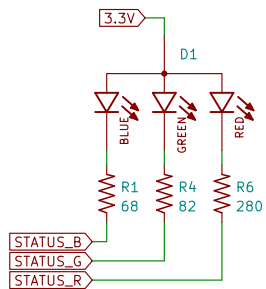
## MCU Decoupling Caps



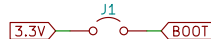
## MCU Reset



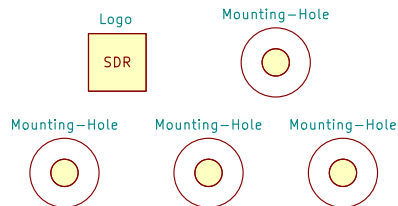
## Firmware Status LED



## Boot Setting



## Miscellaneous



## Peripherals

USB  
Parachute Deployment  
Buzzer

Flash  
Wireless  
Motors

File: peripherals.kicad\_sch

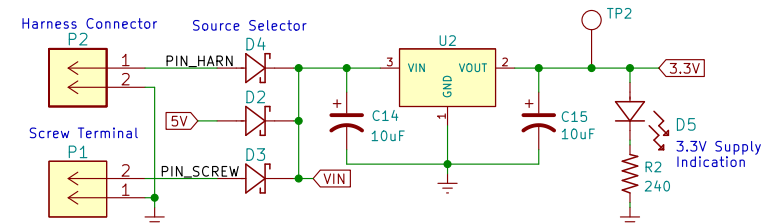
## Sensors

Pressure  
IMU

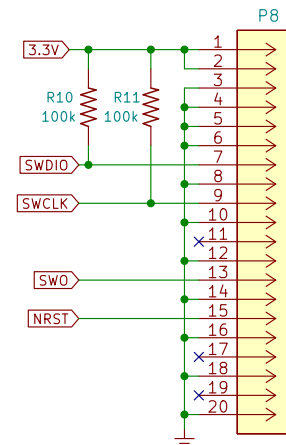
GPS  
Temperature

File: sensors.kicad\_sch

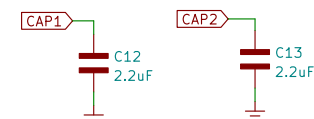
## 3.3V Power Supply



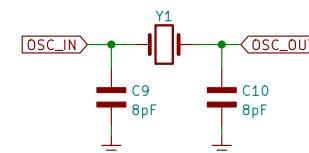
## SWD Programmer



## MCU Internal Regulator Caps



## Crystal Oscillator



Author: Colton Acosta  
**Sun Devil Rocketry**

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

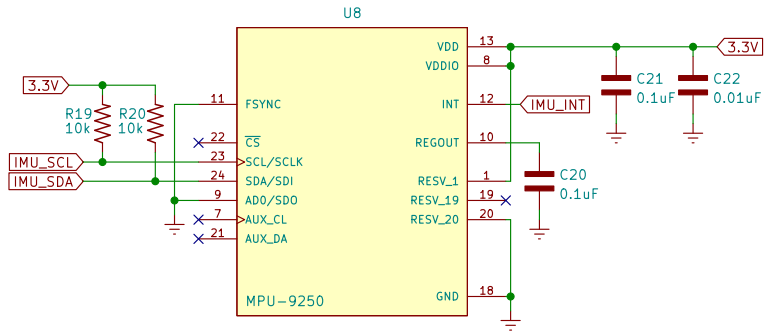
**Title: Engine Controller Microcontroller Board**

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

Date: 2021-06-26

Rev: 1.0  
Id: 1/3

## Inertial Measurement Unit



Sheet: /Sensors/  
File: sensors.kicad\_sch

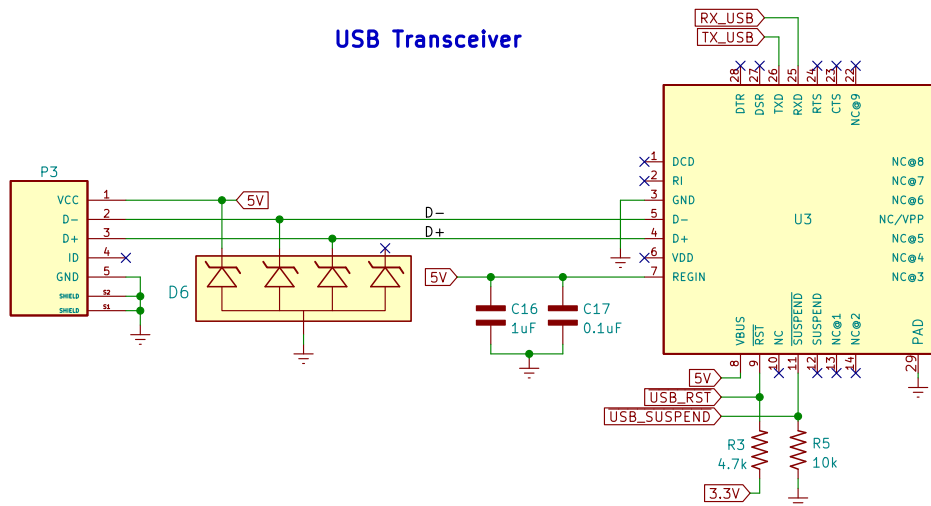
### Title:

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

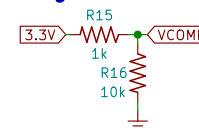
Date:

Rev:  
Id: 3/3

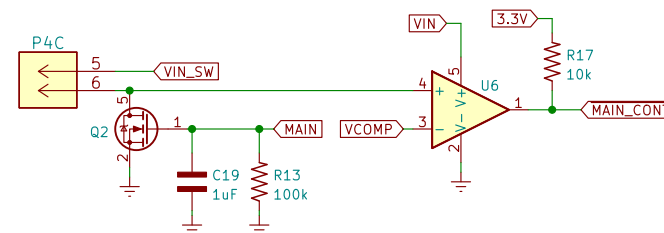
## USB Transceiver



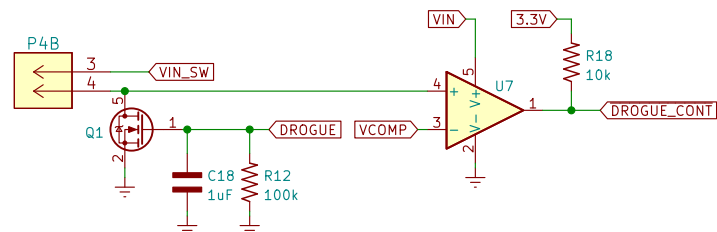
## Comparator Reference Voltage



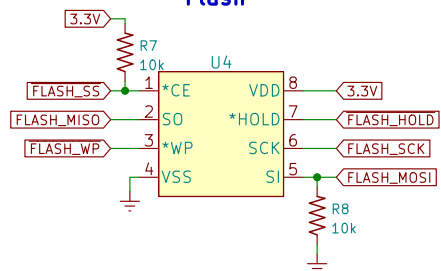
## Main Chute Deployment



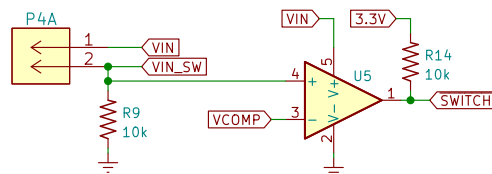
## Droge Chute Deployment



## Flash



## Arming Switch



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

### Title:

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

Date:

Rev:

Id: 4/3