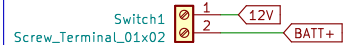


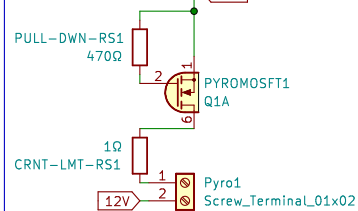
POWER



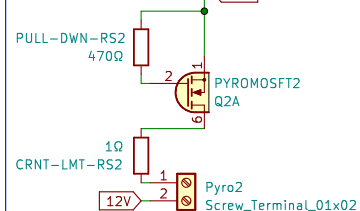
POWER SWITCH



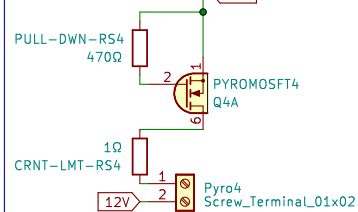
PYROTECHNIC1



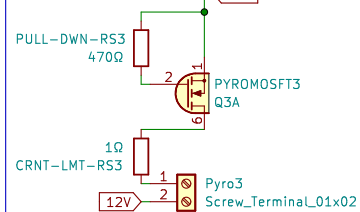
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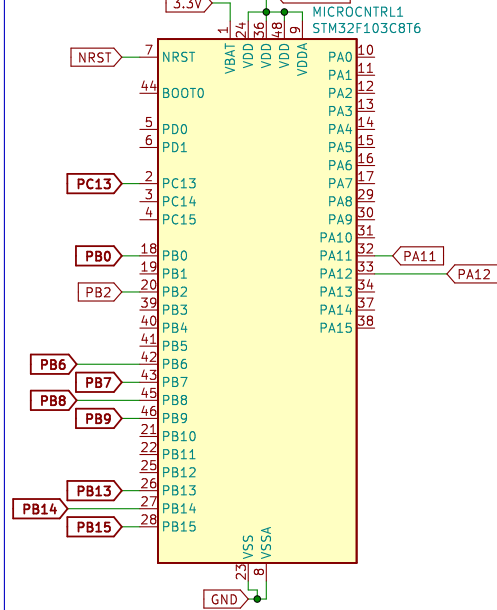
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PYROTECHNIC3



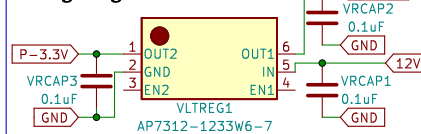
Microcontroller



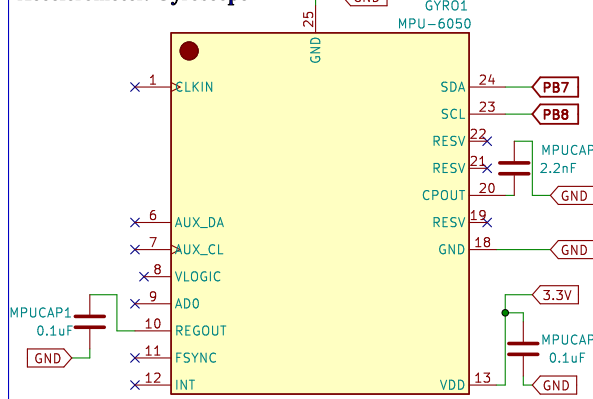
Schottky Barrier Diode



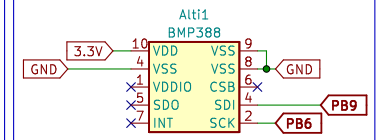
Voltage Regulator



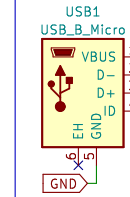
Accelerometer/Gyroscope



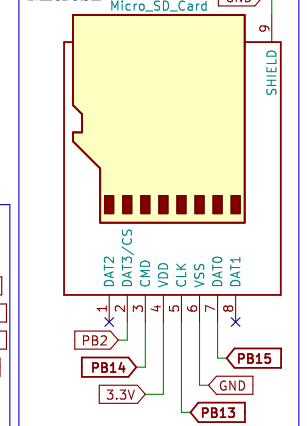
Barometer and Altimeter



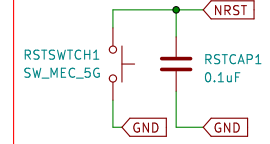
USB Port



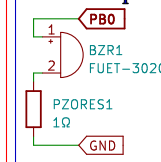
MicroSD



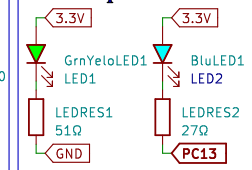
RESET Switch



Buzzer Output



LED Outputs



ORCA was designed to immerse myself into aerospace and electrical engineering. The goal of this project is to produce a small, effective, and affordable flight computer. This work is protected: duplication or alteration is not allowed without Wilson's permission.

Dhalwani Designs

Sheet: /
File: ORCAPCB.kicad_sch

Title: Optimized Rocketry Computer Assembly

Size: A4 Date: 2023-06-11
KiCad E.D.A. kicad 7.0.2

Rev: 1
Id: 1/1