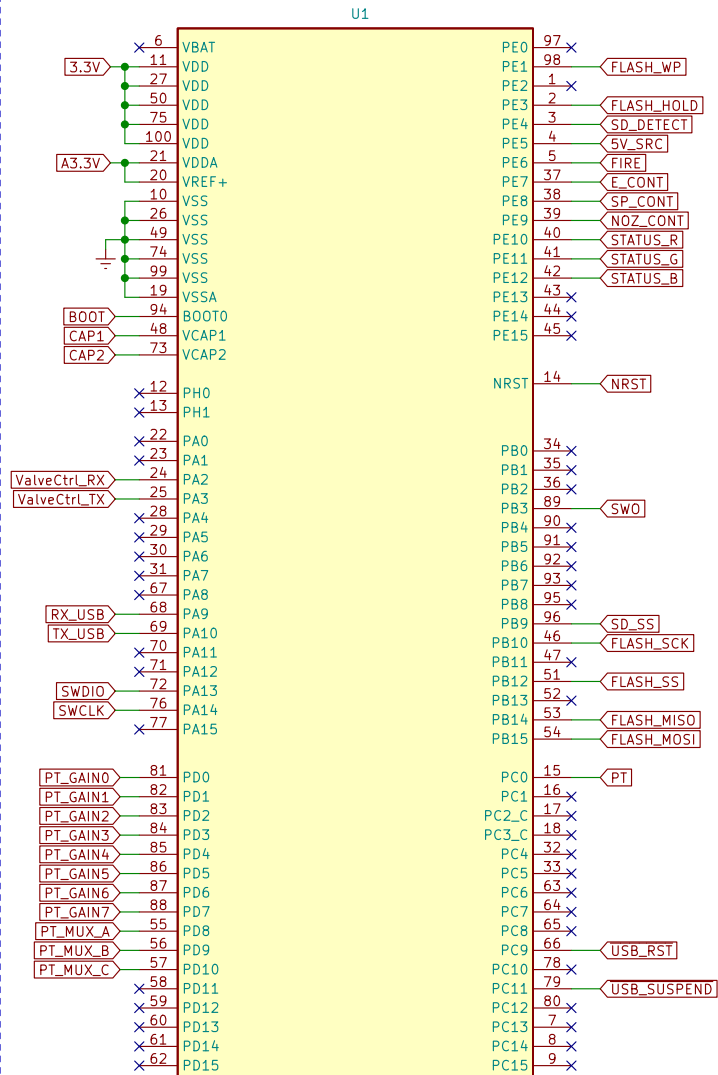
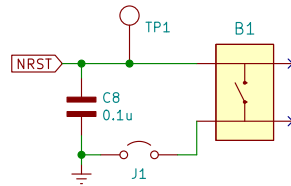


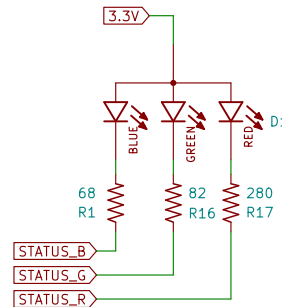
Microcontroller



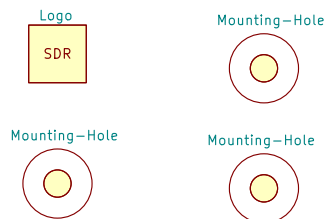
MCU Reset



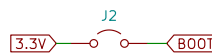
Firmware Status LED



Miscellaneous



Boot Setting



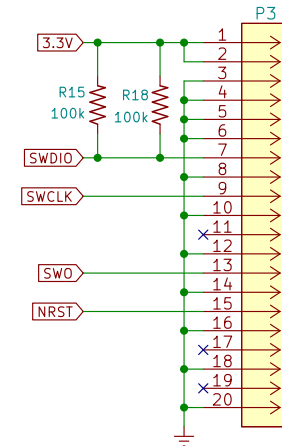
Power

File: power.kicad_sch

Sensors

File: Sensors.kicad_sch

SWD Programmer



Flash

USB

SD Card

Ignition

Valve Controller

Author: Colton Acosta
Sun Devil Rocketry

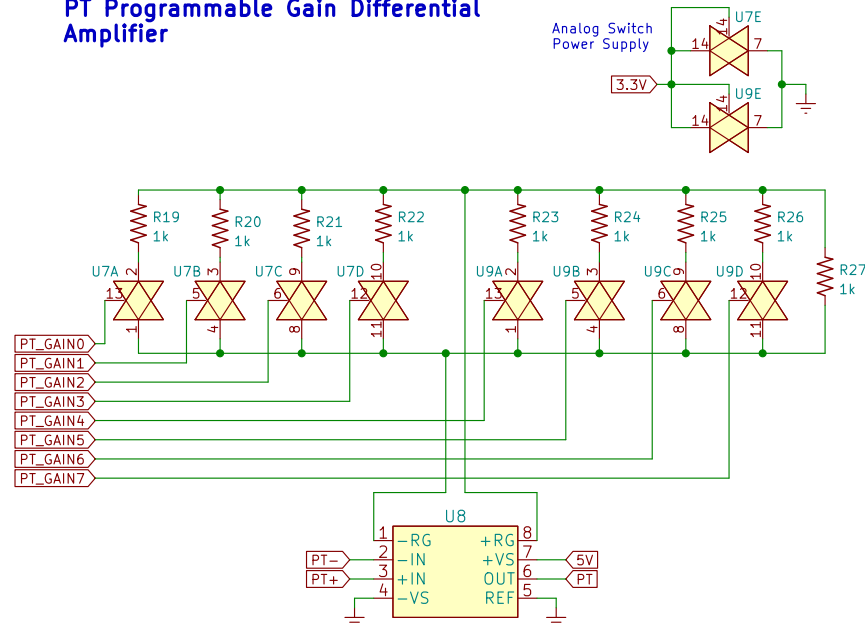
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File: Engine-Controller.kicad_sch

Title: Engine Controller Microcontroller Board

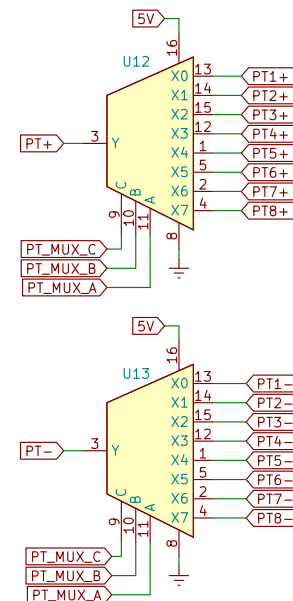
Size: A4 Date: 2021-06-26
KiCad E.D.A. kicad (6.0.4)

Rev: 1.0
Id: 1/4

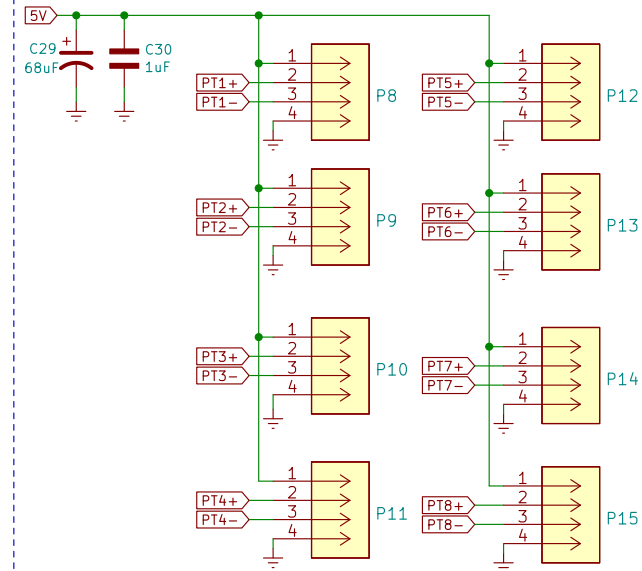
PT Programmable Gain Differential Amplifier



PT Analog Multiplexers



Pressure Transducer Connectors



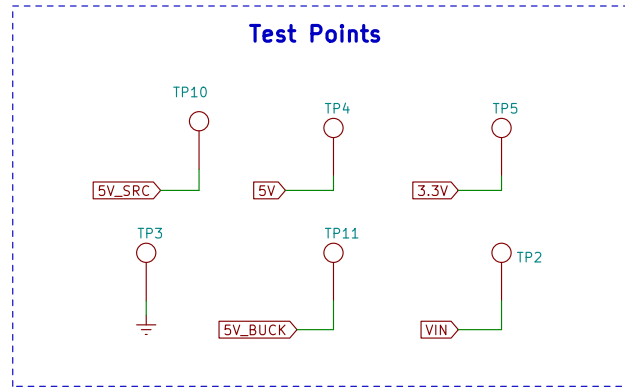
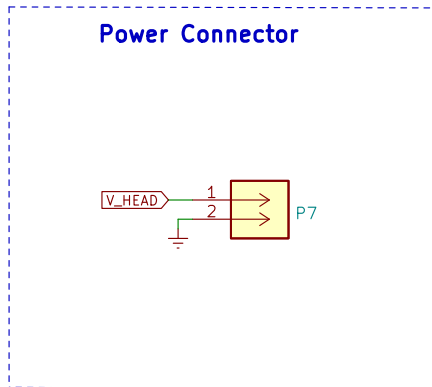
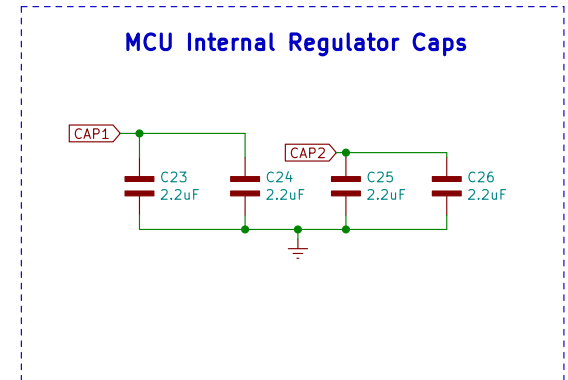
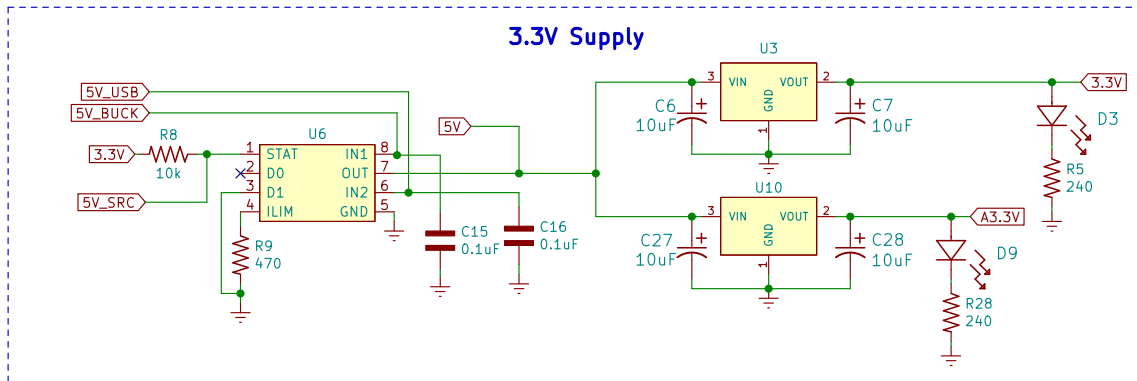
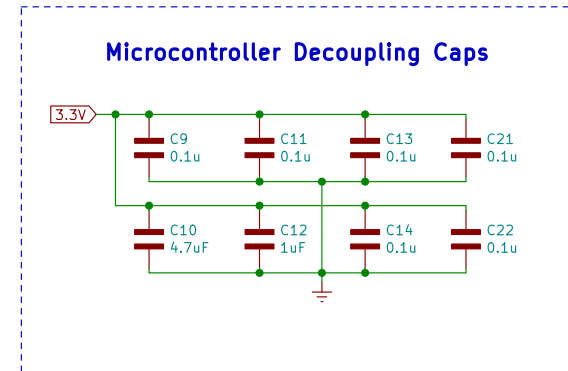
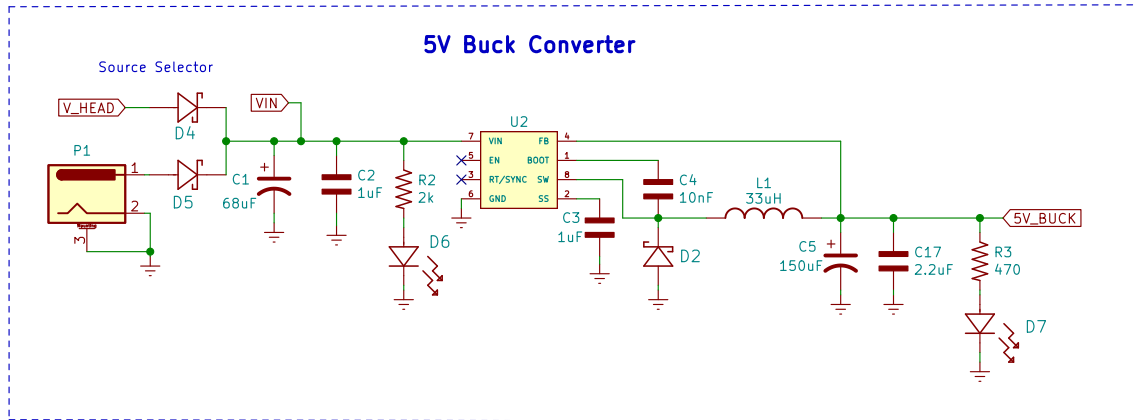
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File: Sensors.kicad_sch

Title:

Size: A4
KiCad E.D.A. kicad (6.0.4)

Date:

Rev:
Id: 4/4



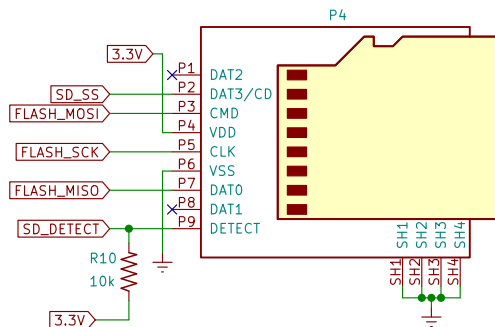
Author: Colton Acosta
Sun Devil Rocketry

Sheet: /Power/
 File: power.kicad_sch

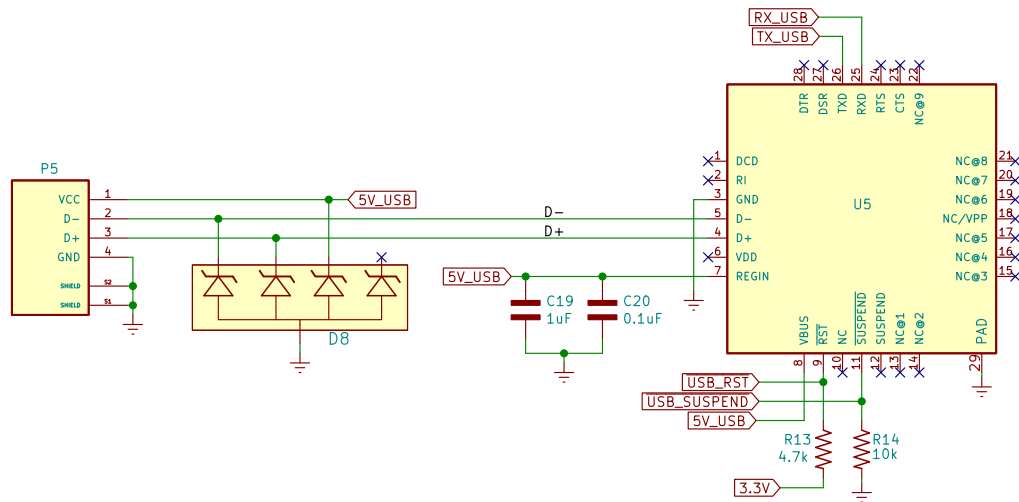
Title: Engine Microcontroller Power Supply

Size: A4	Date:	Rev: 1.0
KiCad E.D.A. kicad (6.0.4)	Id: 6/4	

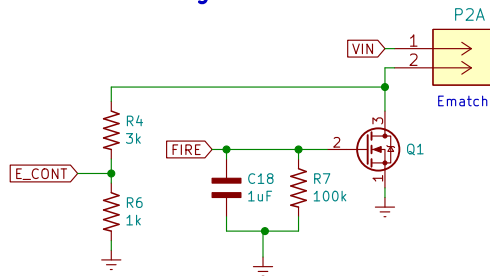
SD Card



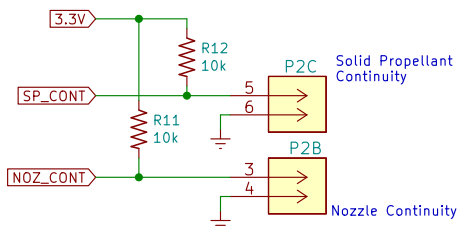
USB Transceiver



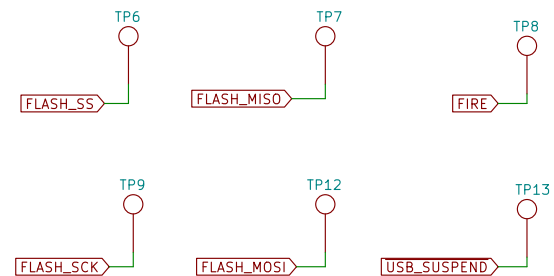
Ignition



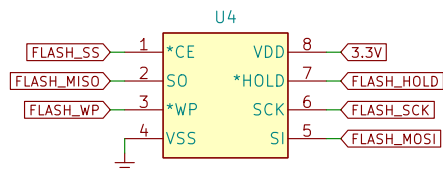
Ignition Continuity



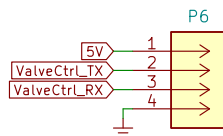
Test Points



Flash



Valve Controller Serial Interface



Sheet: /Page2/
File: Page2.kicad_sch

Title:

Size: A4
KiCad E.D.A. kicad (6.0.4)

Date:

Rev:
Id: 6/4