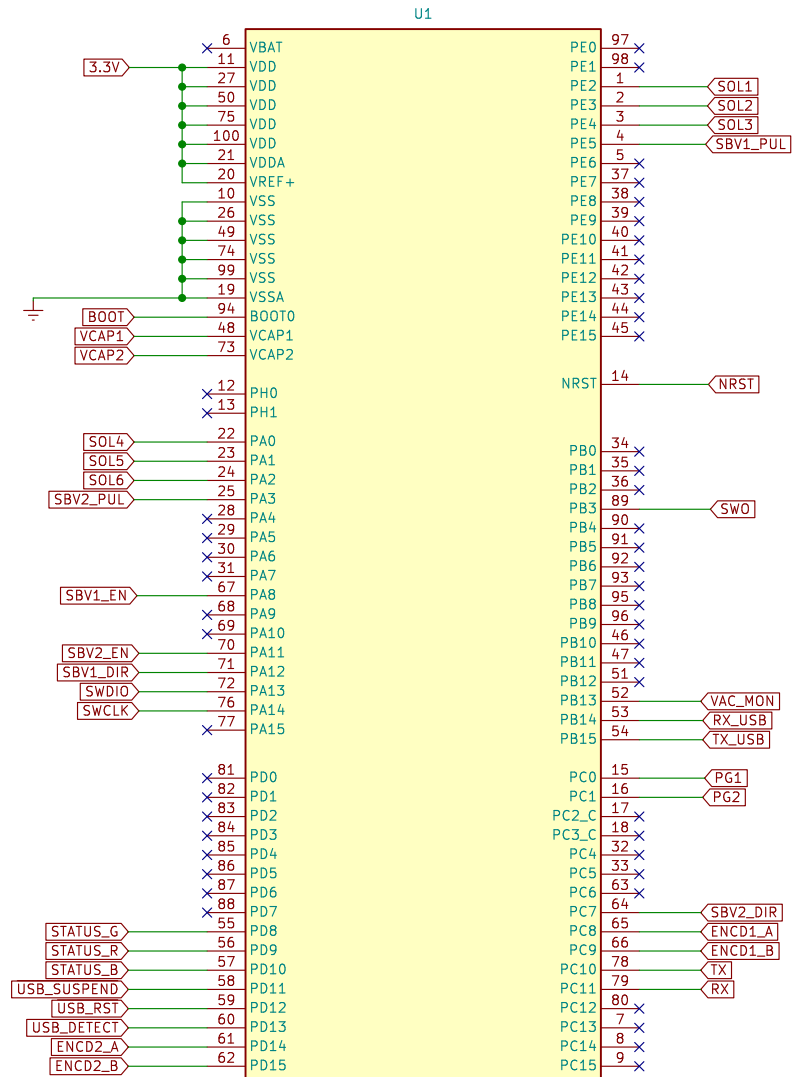
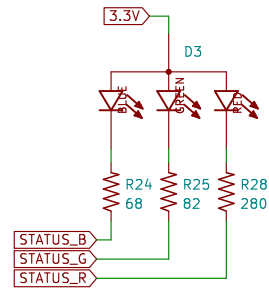


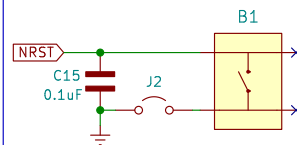
Microcontroller (STM32)



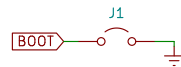
MCU Status LEDs



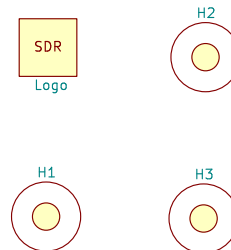
Reset Control



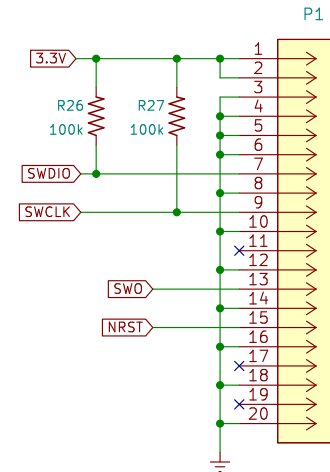
BOOT Setting



Misc.



SWD Programmer



Power

UART

File: power.kicad_sch

Valves

File: Valves.kicad_sch

Author: Colton Acosta
Avionics Team

Sun Devil Rocketry

Sheet: /

File: L0005-Valve-Controller.kicad_sch

Title: L0005 Valve Controller

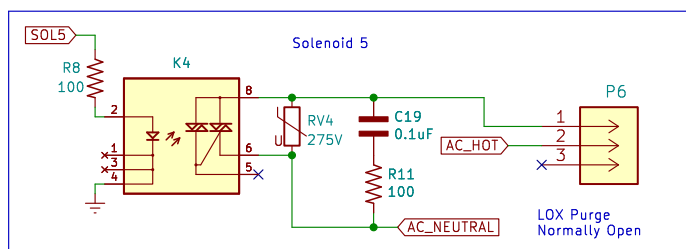
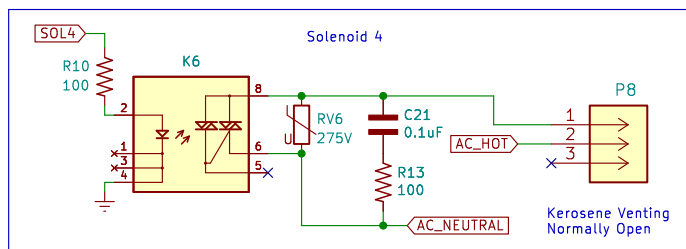
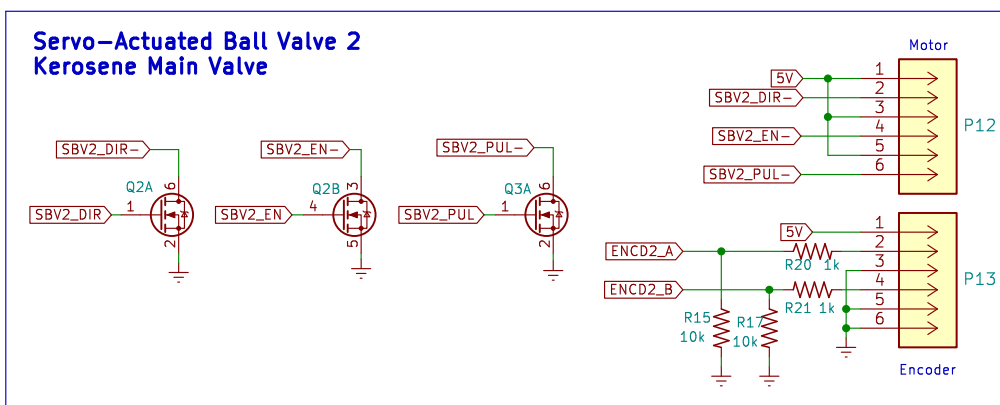
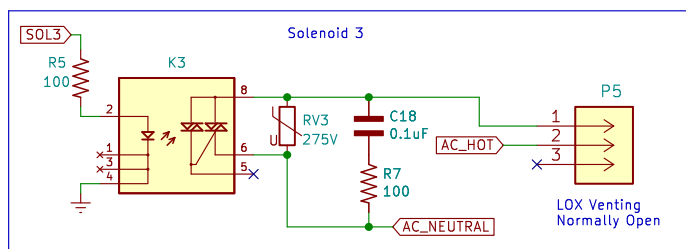
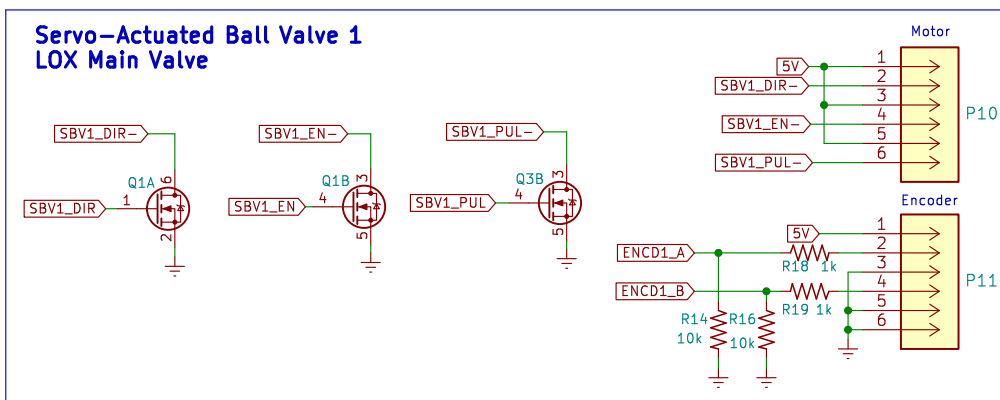
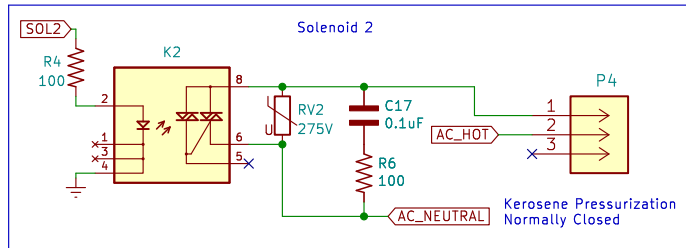
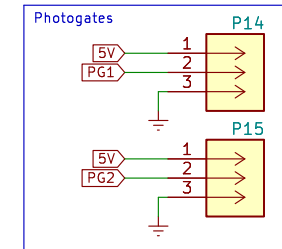
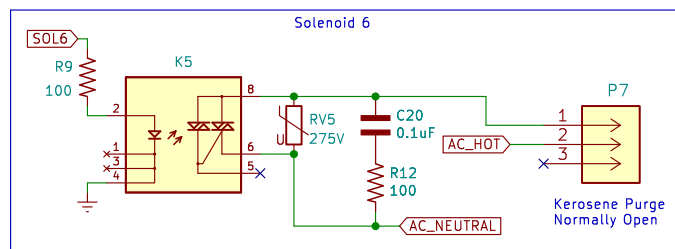
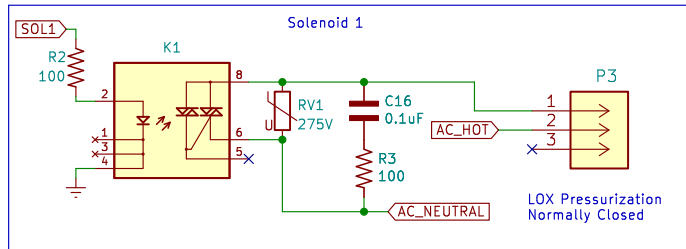
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Date: 2021-12-25

Rev: 1.0

KiCad E.D.A. kicad (7.0.0)

Id: 1/3



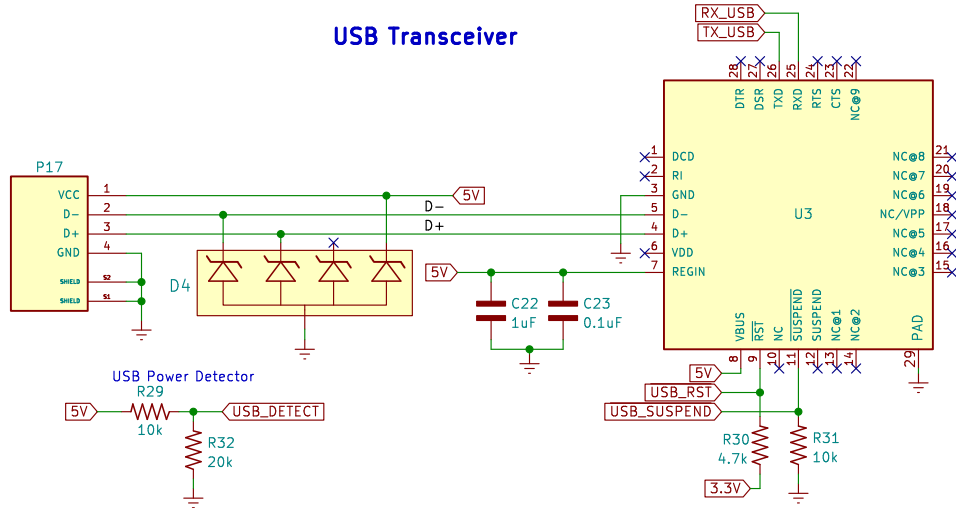
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File: Valves.kicad_sch

Title: Valves

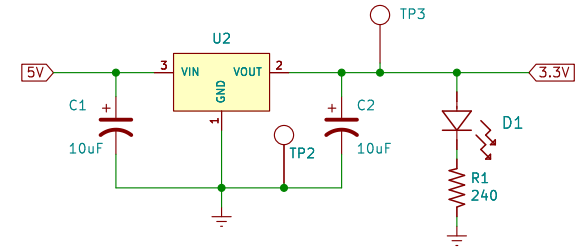
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Rev: 1.0
Id: 2/3

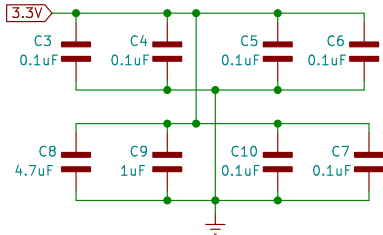
USB Transceiver



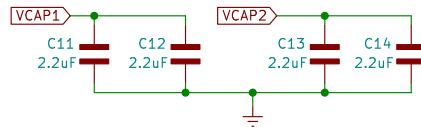
3.3V Power Supply



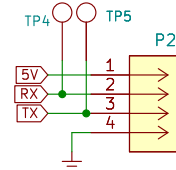
MCU Power Decoupling Caps



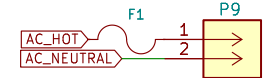
MCU Internal Regulator Caps



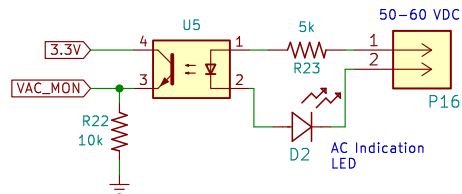
UART Control Interface



120V AC Source



AC Voltage Supply Monitoring



Sheet: /Power/
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Title:

Size: A4
KiCad E.D.A. kicad (7.0.0)

Date:

Rev:
Id: 3/3