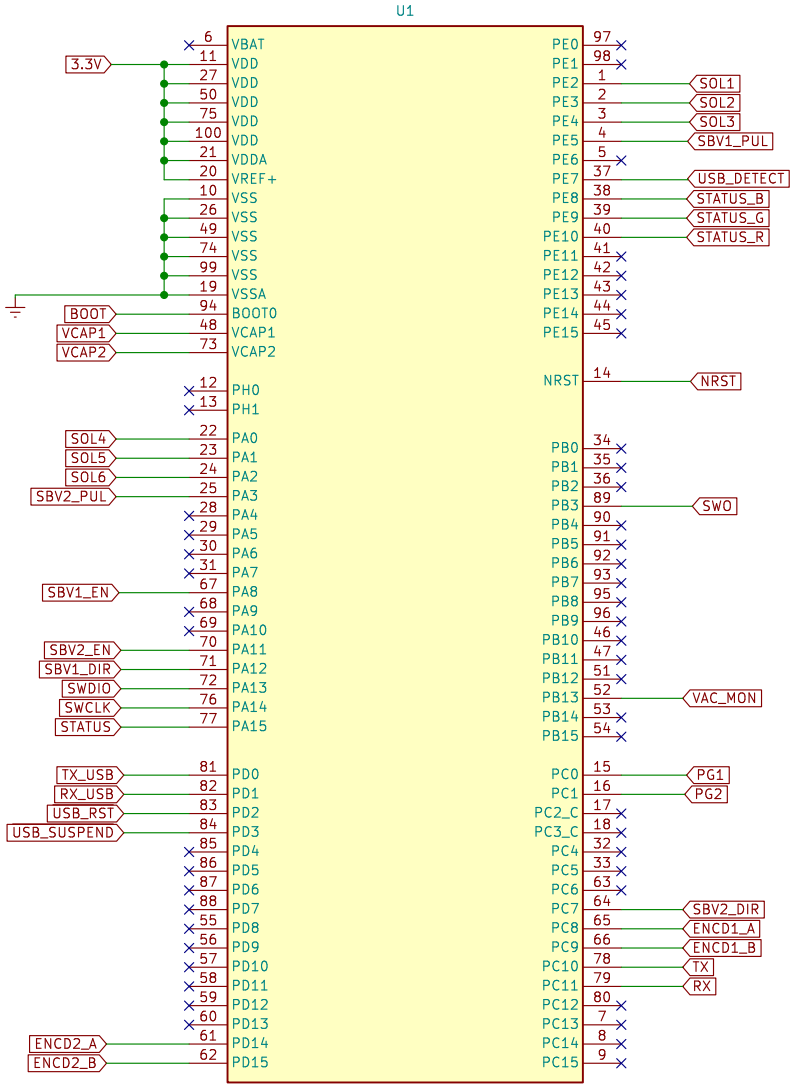
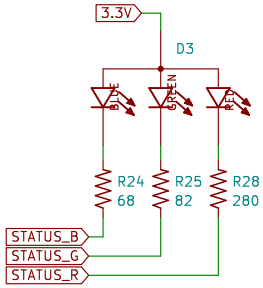
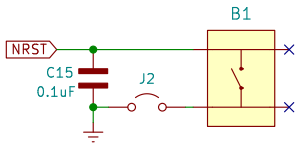
Microcontroller (STM32)



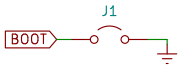
MCU Status LEDs



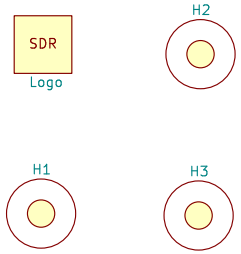
Reset Control



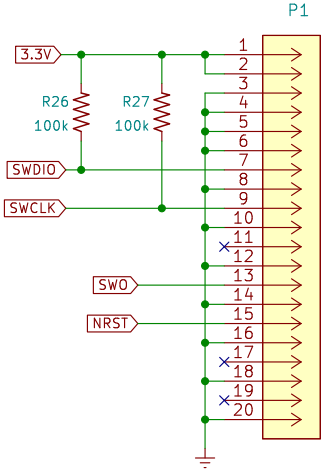
BOOT Setting



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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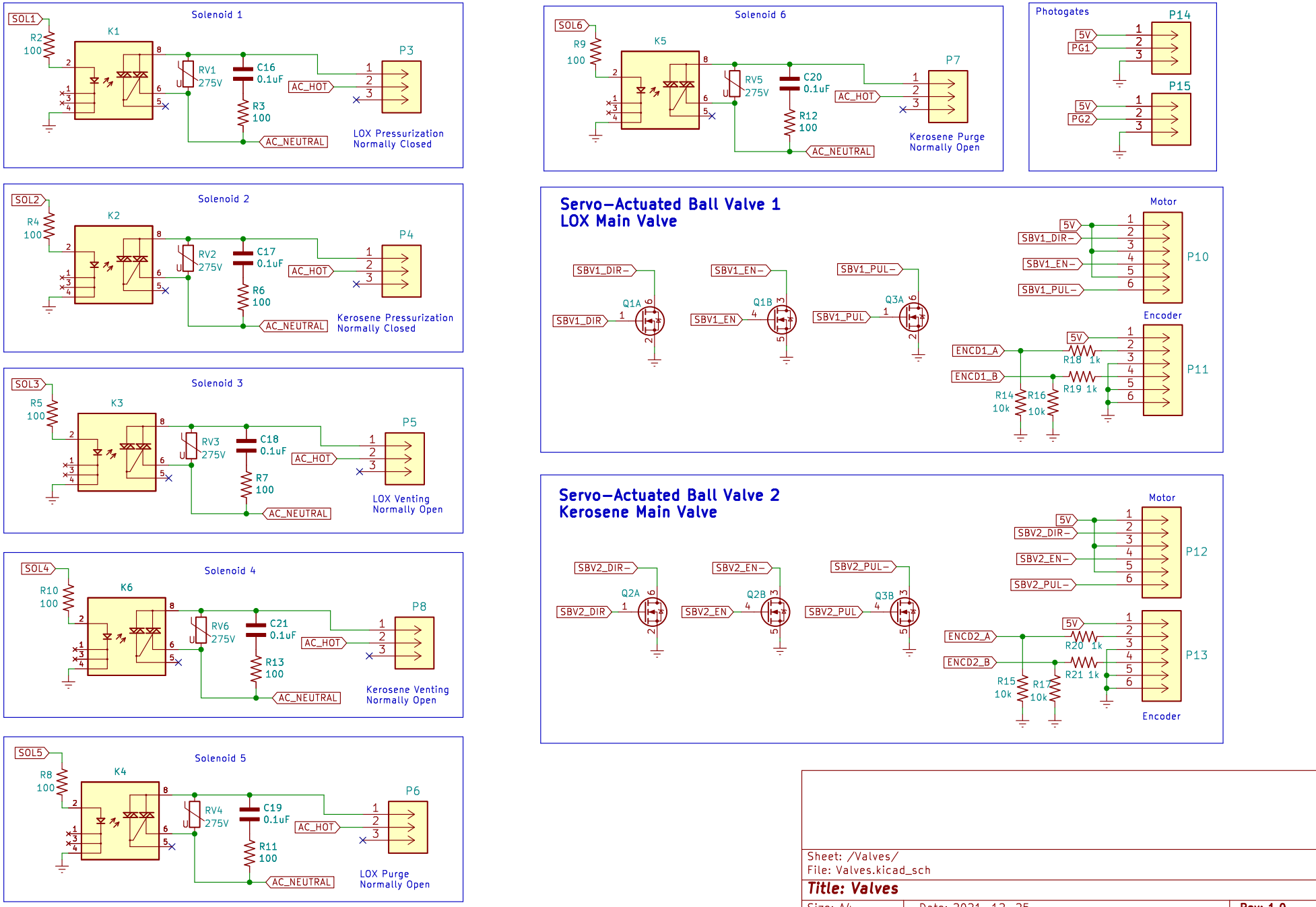
KiCad E.D.A. kicad (7.0.0)		Id: 1/3



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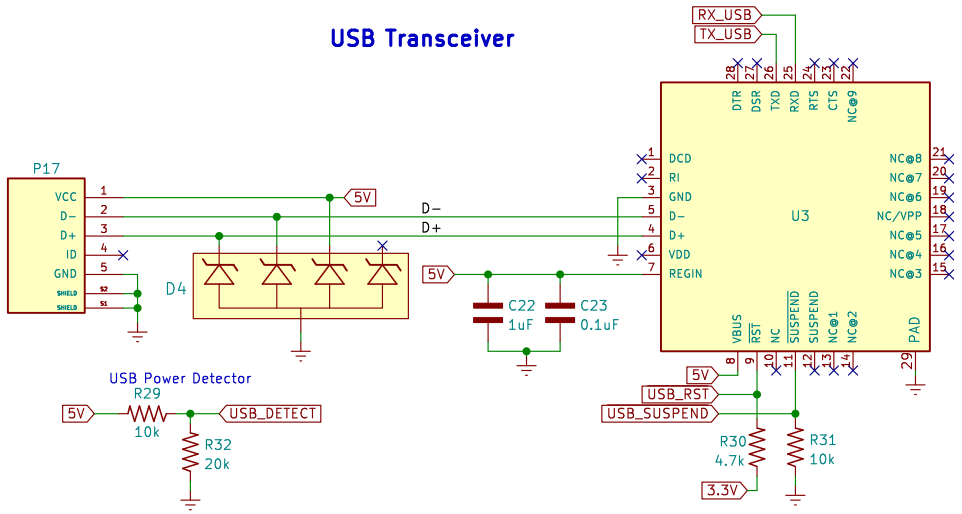
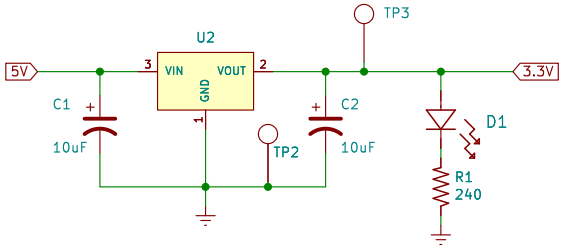
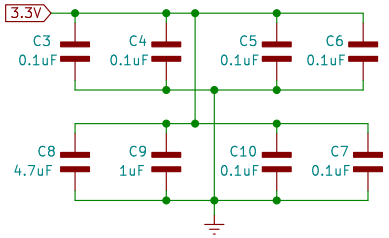
USB Transceiver



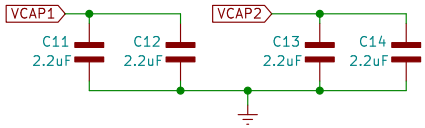
3.3V Power Supply



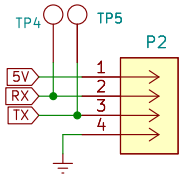
MCU Power Decoupling Caps



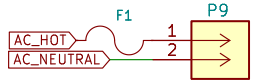
MCU Internal Regulator Caps



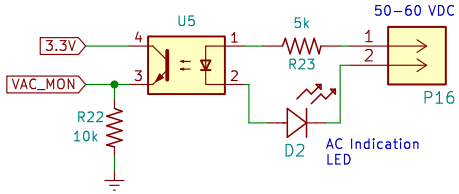
UART Control Interface



120V AC Source



AC Voltage Supply Monitoring



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