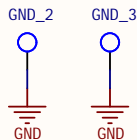
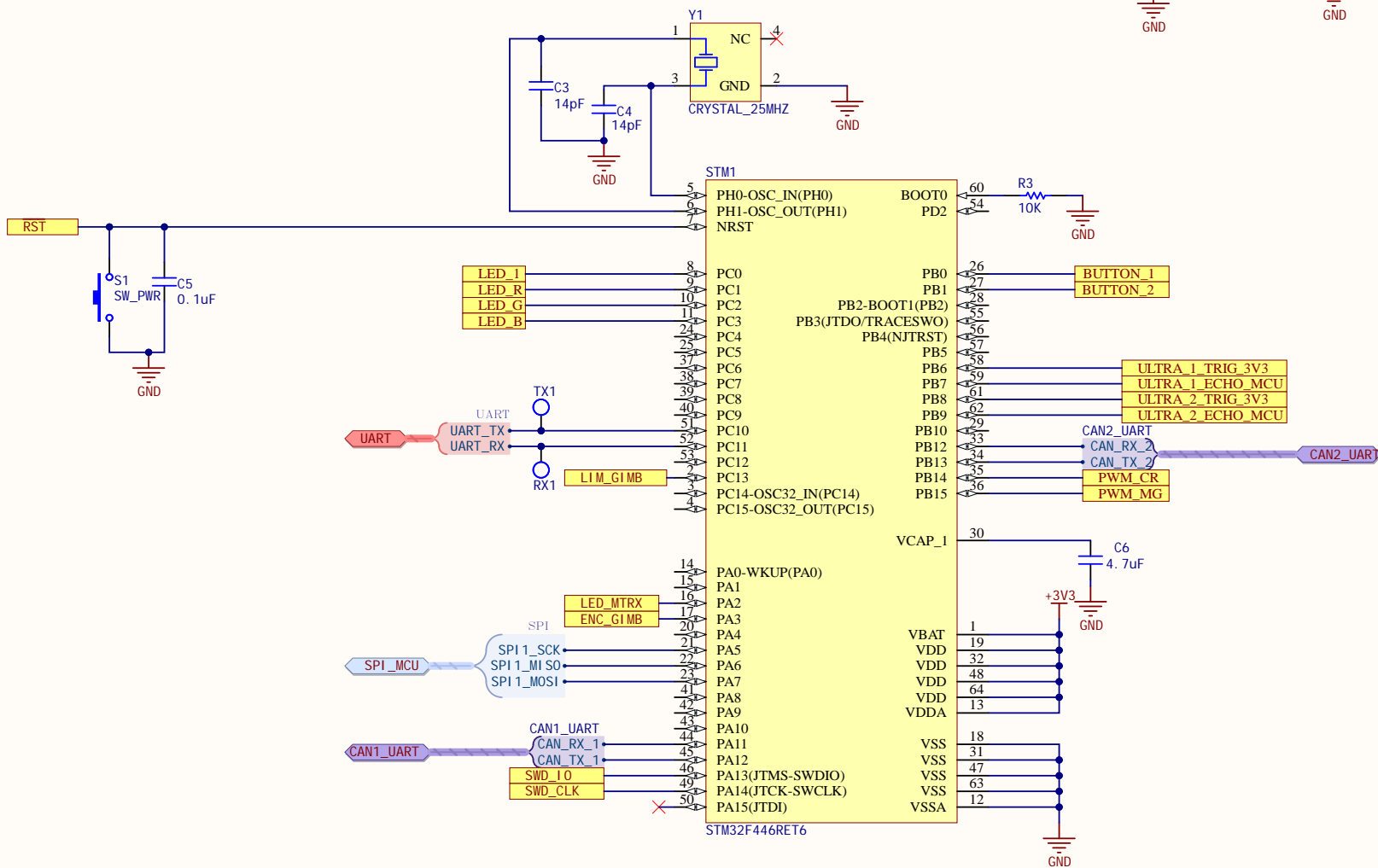


Test Points

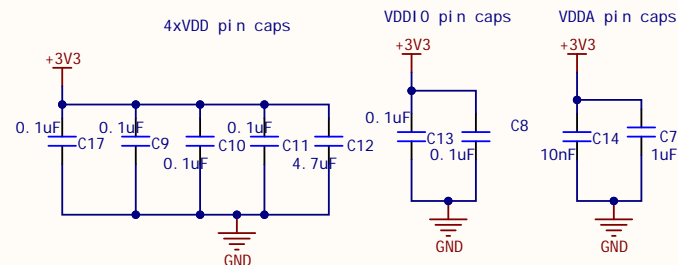
Extra Ground Testpoints

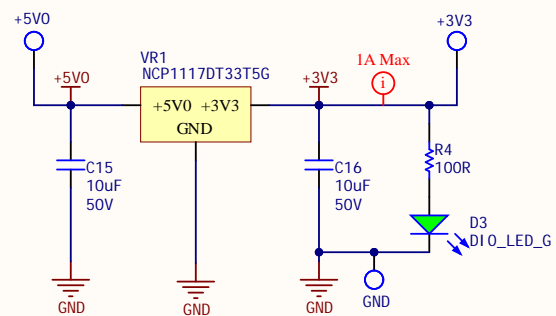


STM32F446RET6

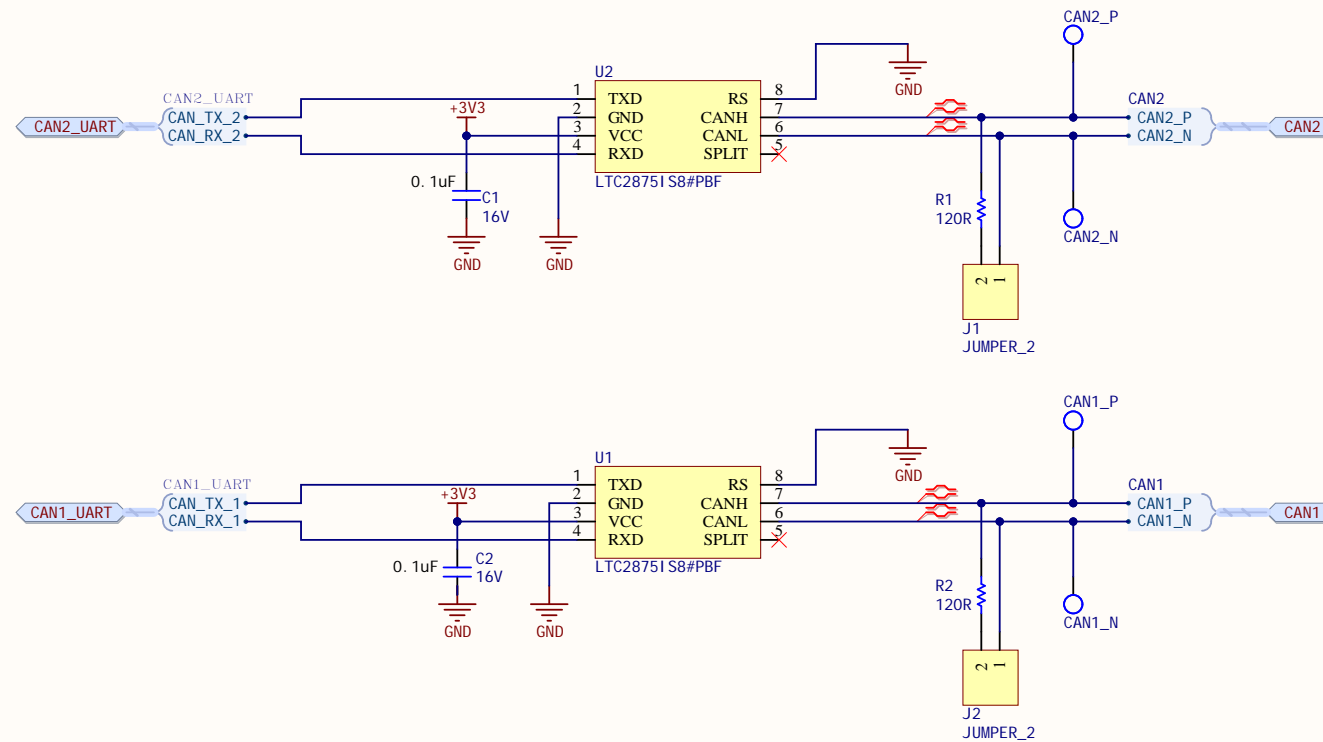


Decoupling Caps

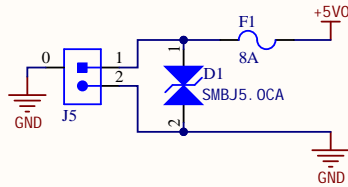




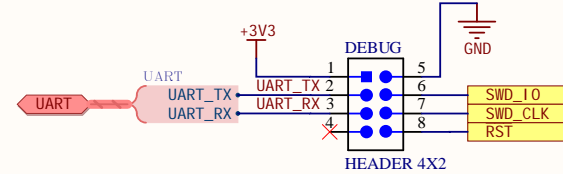
CAN Transceivers



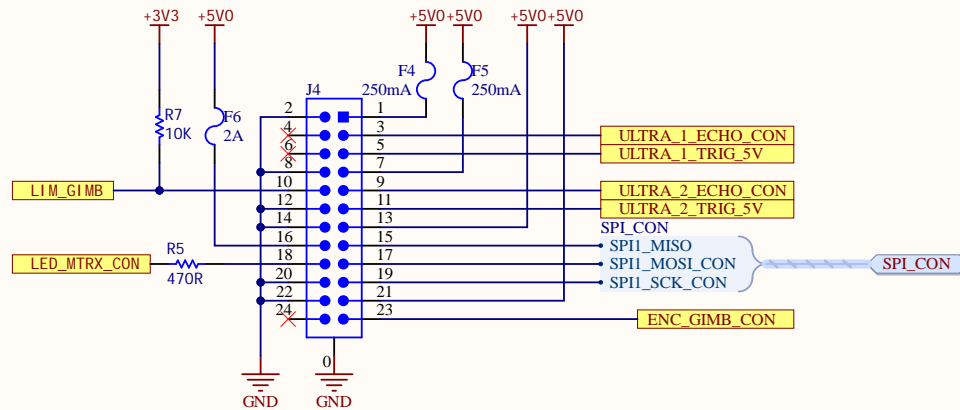
Power In



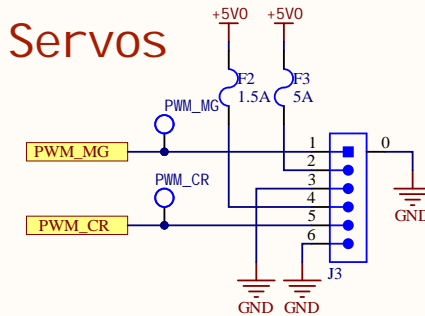
Debug/Programming



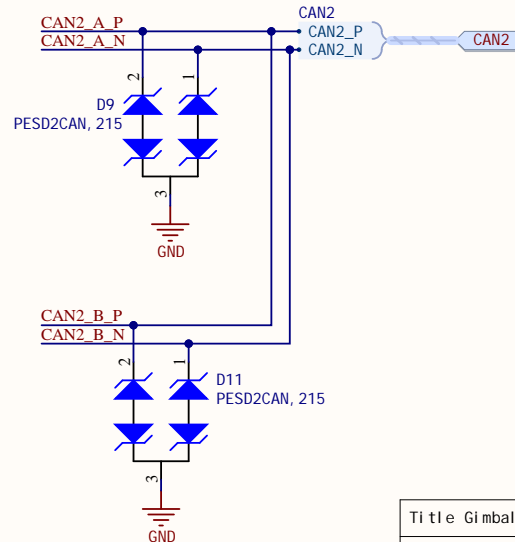
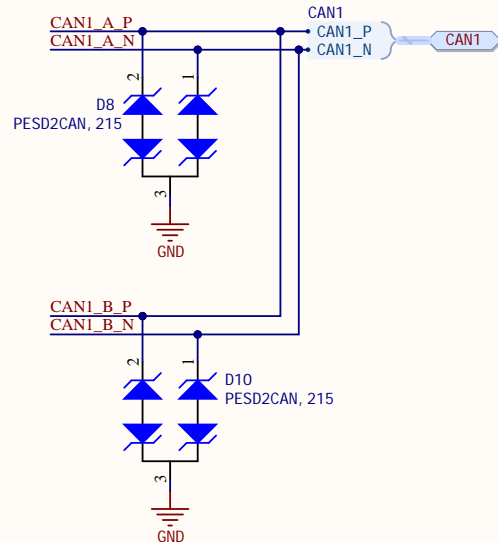
Sensors/Limit Switch/LED Matrix



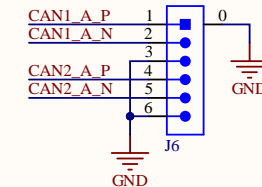
Servos



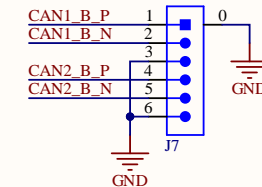
CAN Support



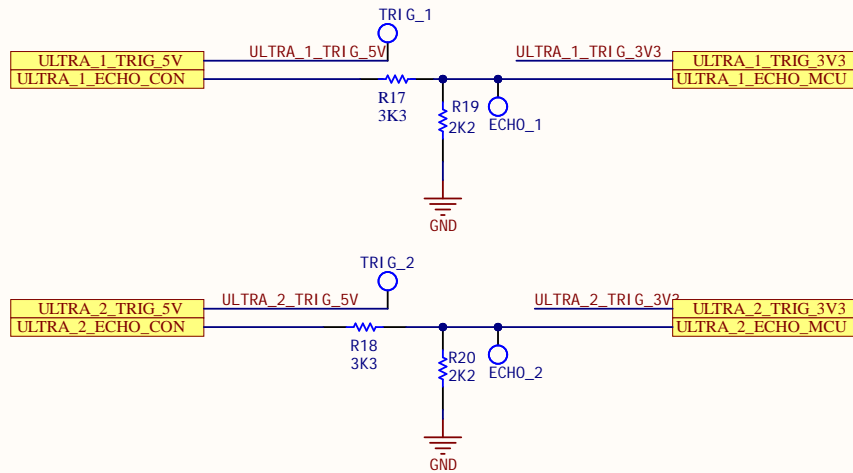
CAN Incoming



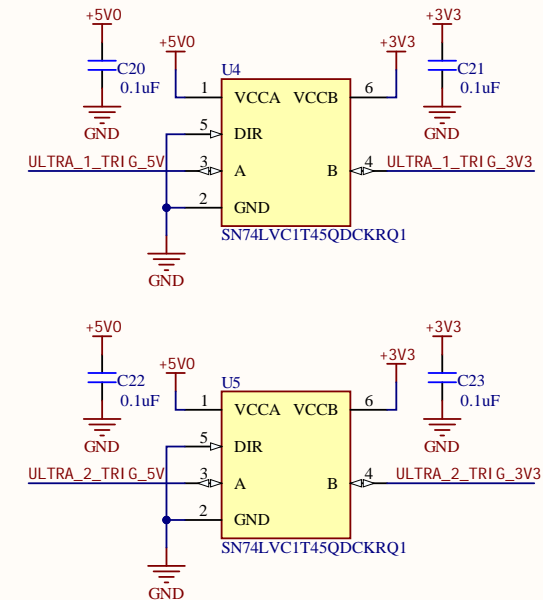
CAN Outgoing



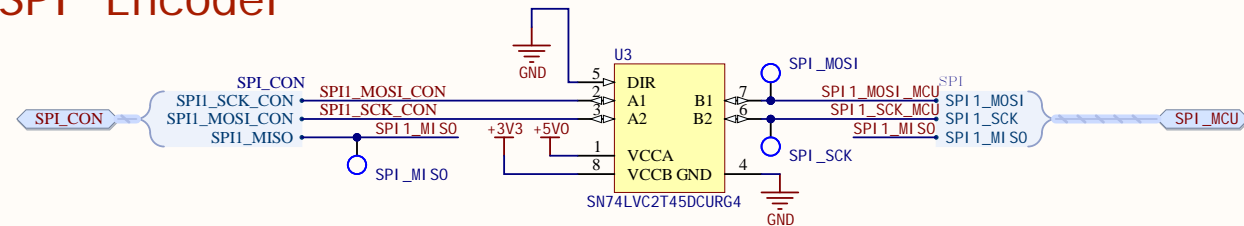
Ultrasonic Sensors



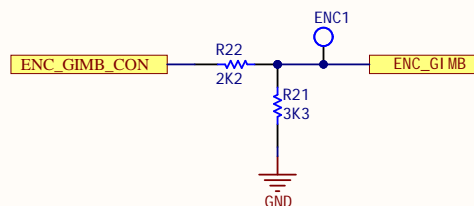
Ultrasonic Level Shifters




SPI Encoder



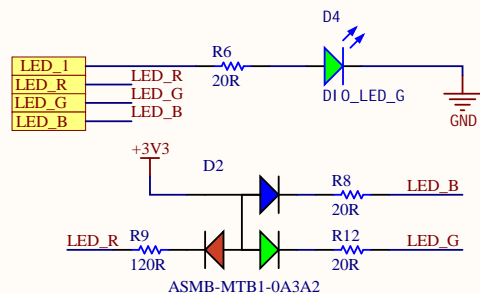
PWM Encoder



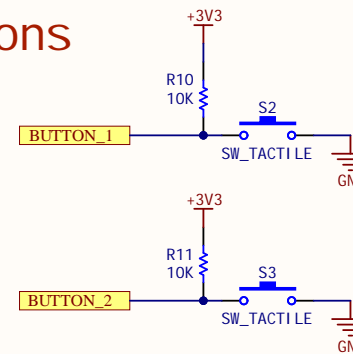
| | | |
|-------------------------|-------------------------|---|
| Title: Gimbal - Sensors | |  |
| Size: Letter | Drawn By: Aidan Gratton | |
| Date: 2020-04-20 | Sheet 4 of 5 | |

File: C:\Users\gratt\Documents\University\Design Teams\UW Mars Rover\2020 Electrical Repo\MarsRover2020-PCB\

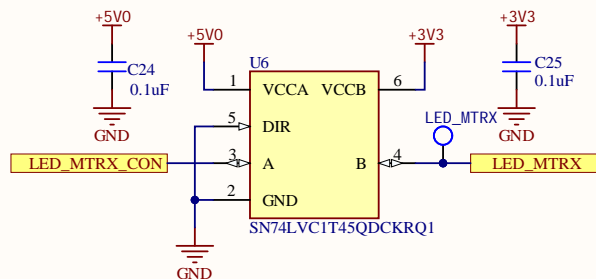
Test LEDs



Test Buttons



LED Matrix Level Shifter



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MOUNTING_HOLES MOUNTING_HOLES

