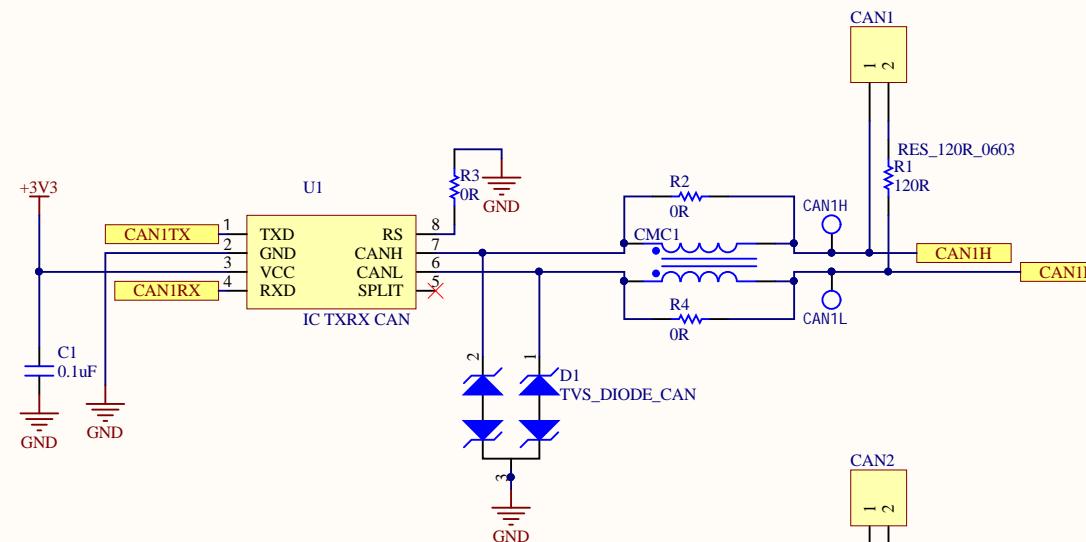
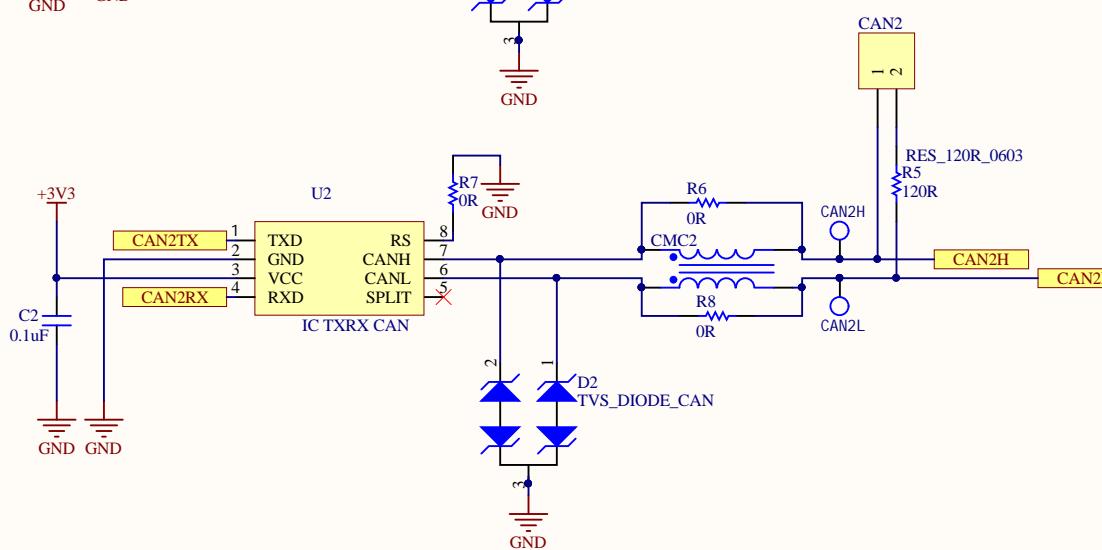


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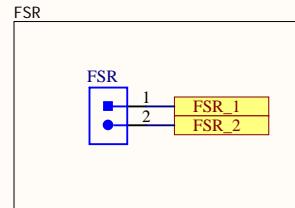
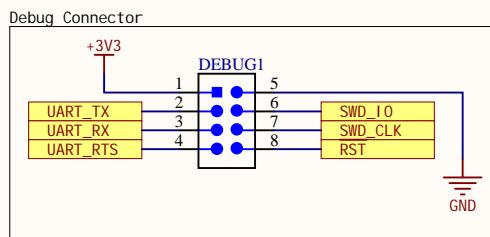
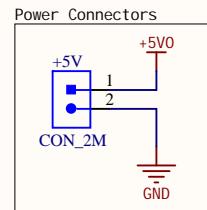
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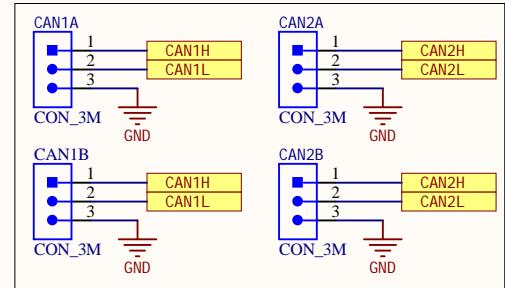
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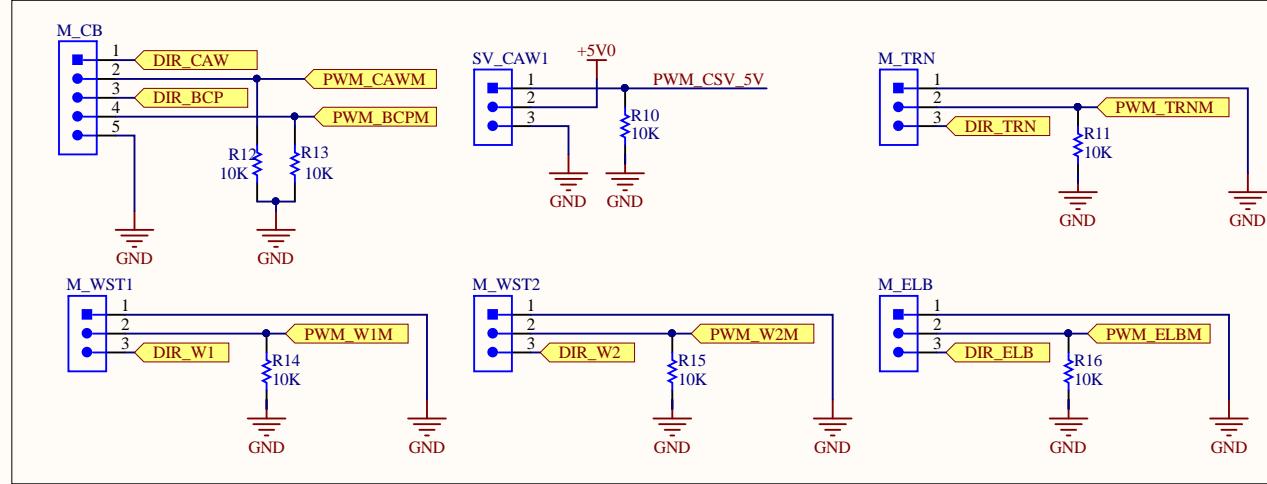
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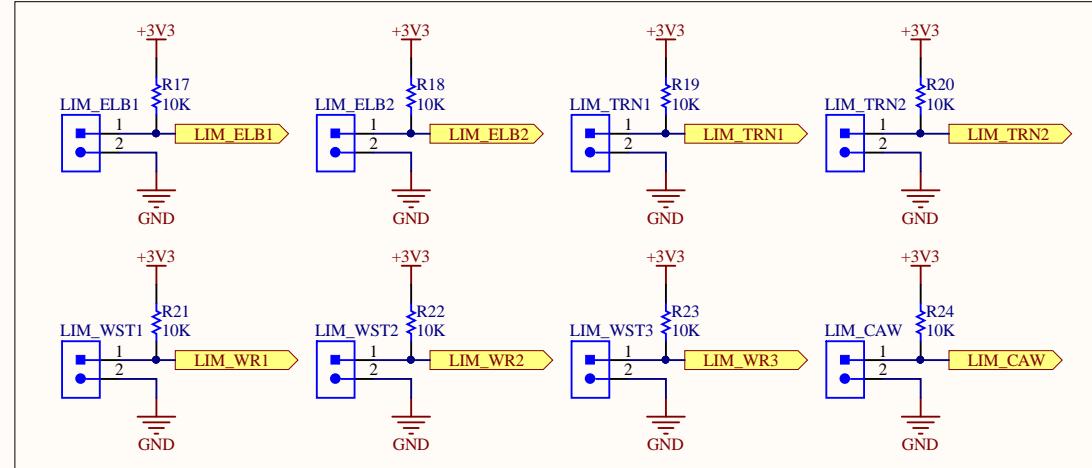
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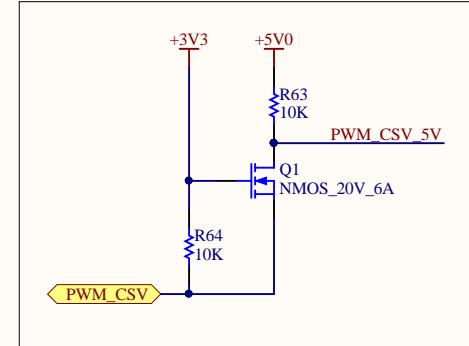
Motors



Limit Switches



Servo Level Shifter



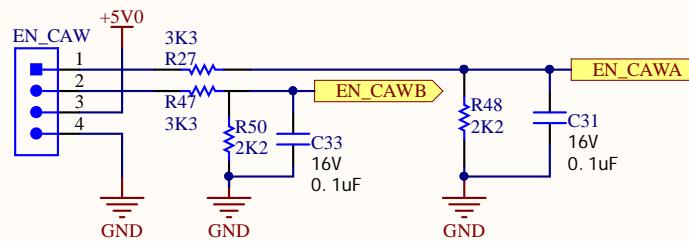
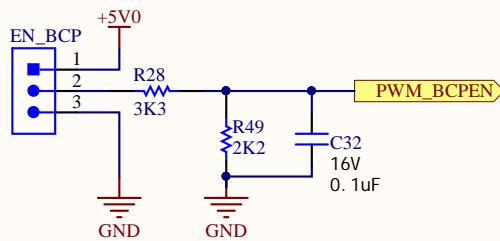
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Size: Letter | Drawn By: Kyle Hong, Noah Chapman

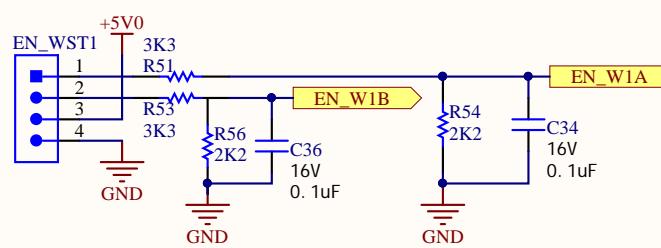
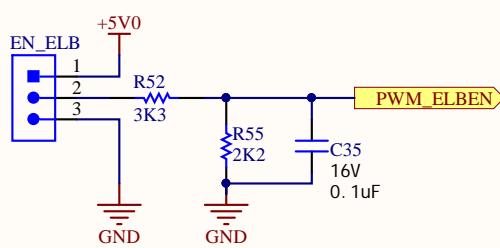
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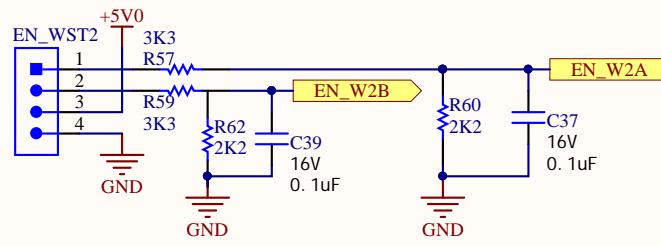
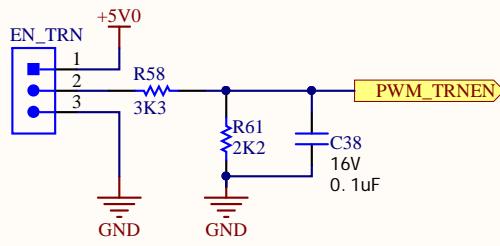
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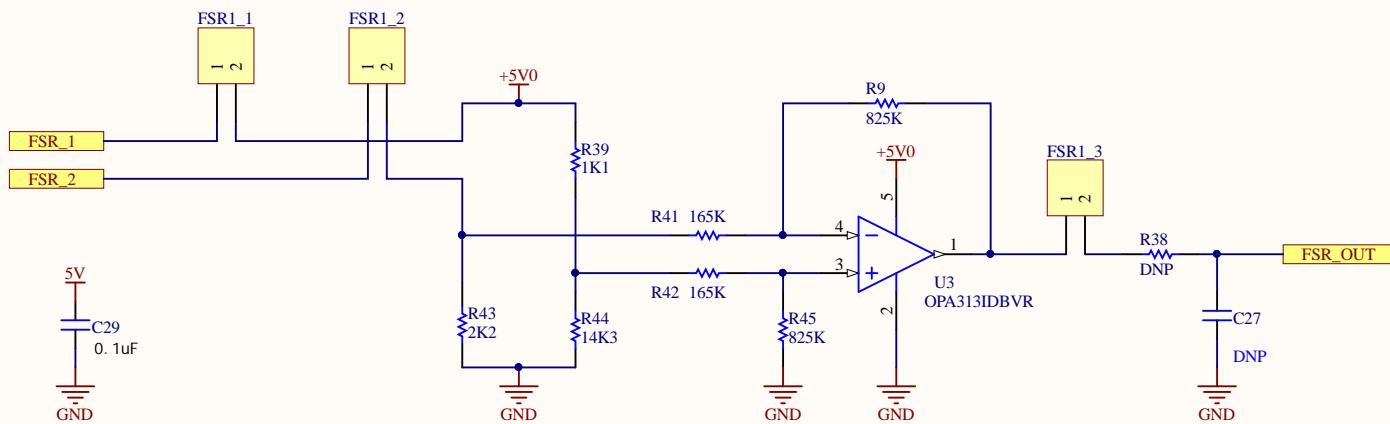
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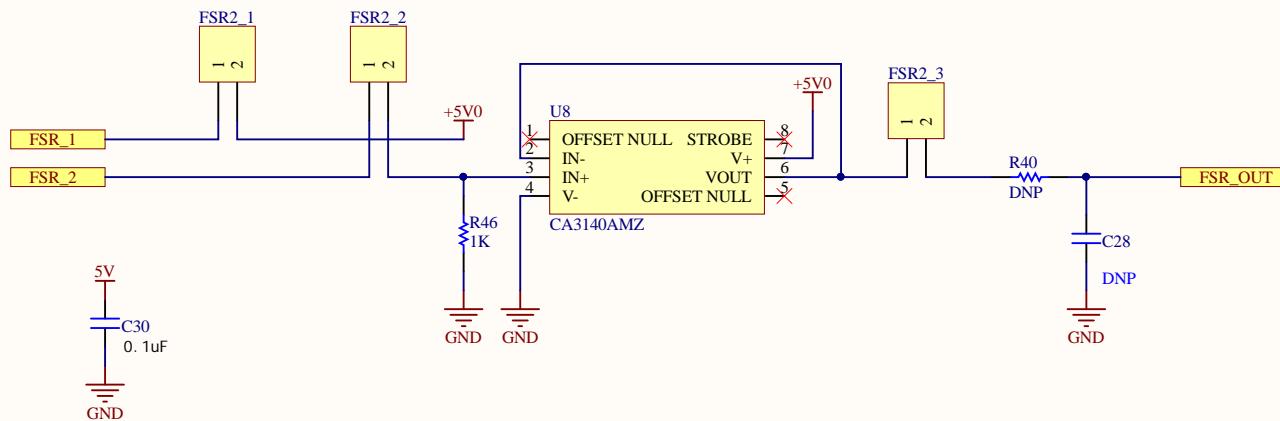
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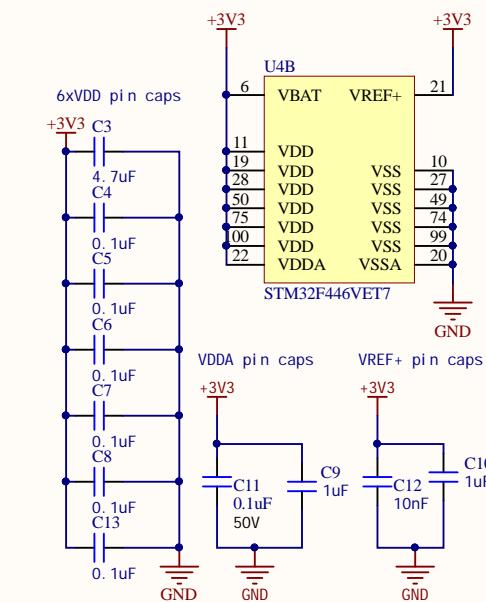
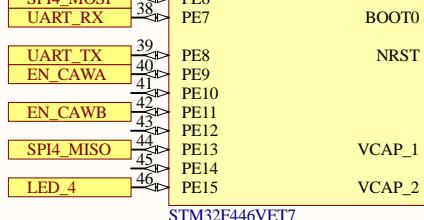
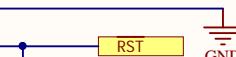
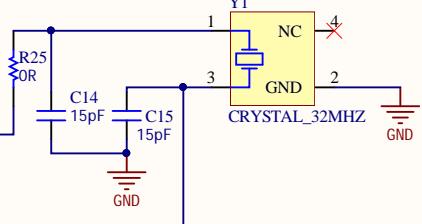
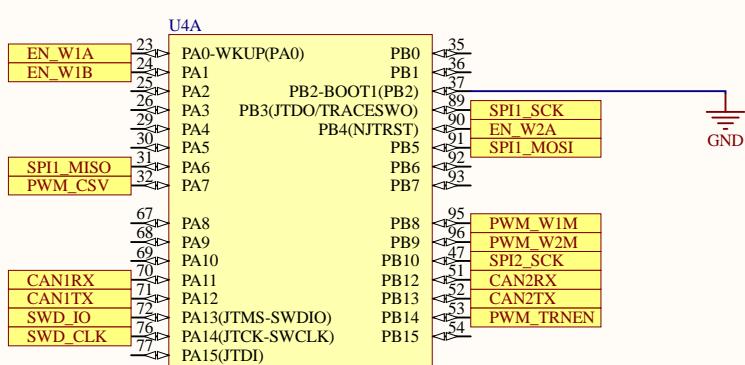
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Title Claw Force Sensor		UW Robotics 200 University Avenue Waterloo Ontario Canada N2L 3G6
Size: Letter	Drawn By: K. Hong, N. Chapman, A. Ebrahimi	
Date: 12/20/2019	Sheet* of *	
File: C:\Users\kyleh\Desktop\Works\UWRT\MarsRover2020-PCB\Projects\Arm\Rev1\sch\FSR.SchDoc		UW ROBOTICS TEAM

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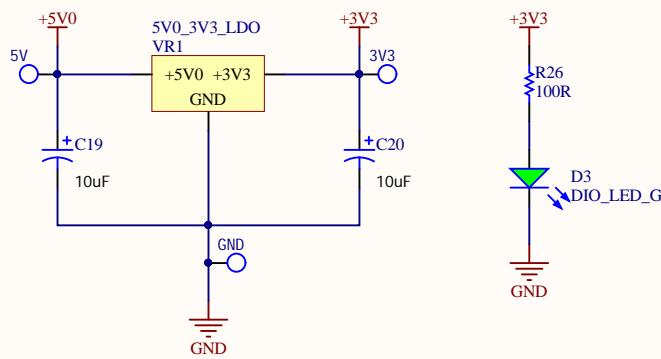
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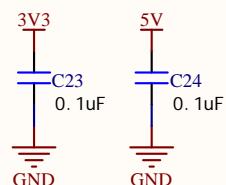
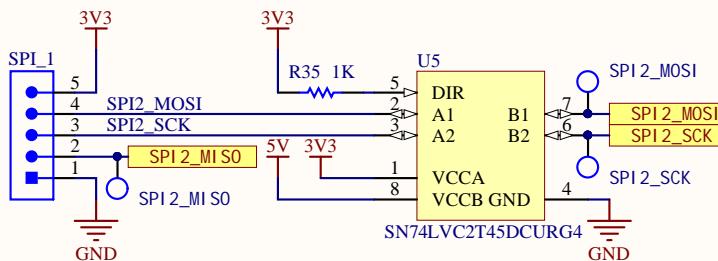
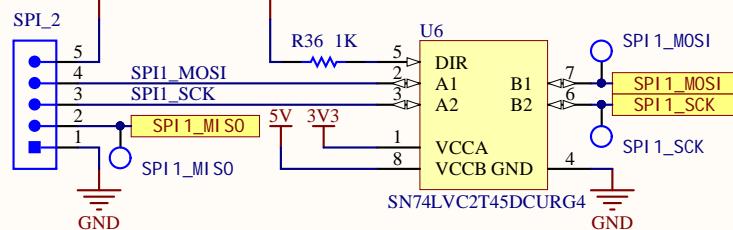
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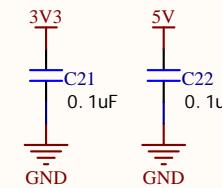
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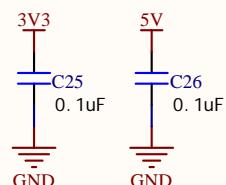
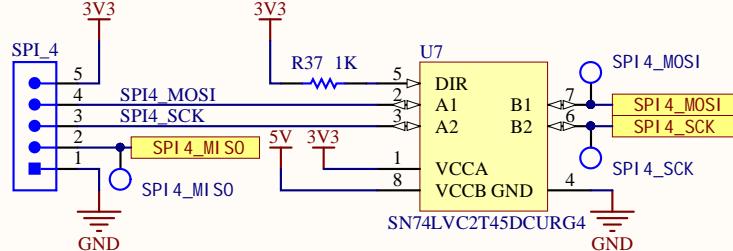
SPI Connectors



Used level shifter because MCU SPI connectors are 5V tolerant and registers voltages greater than 3V3 as high. Didn't shift MISO because SPI can handle that level of input.



B



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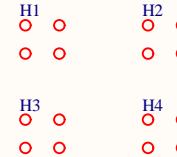
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