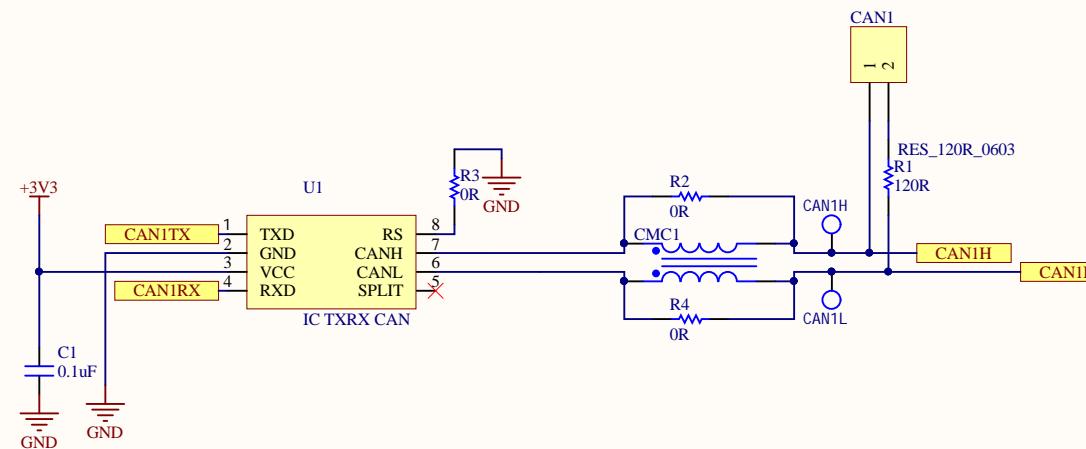
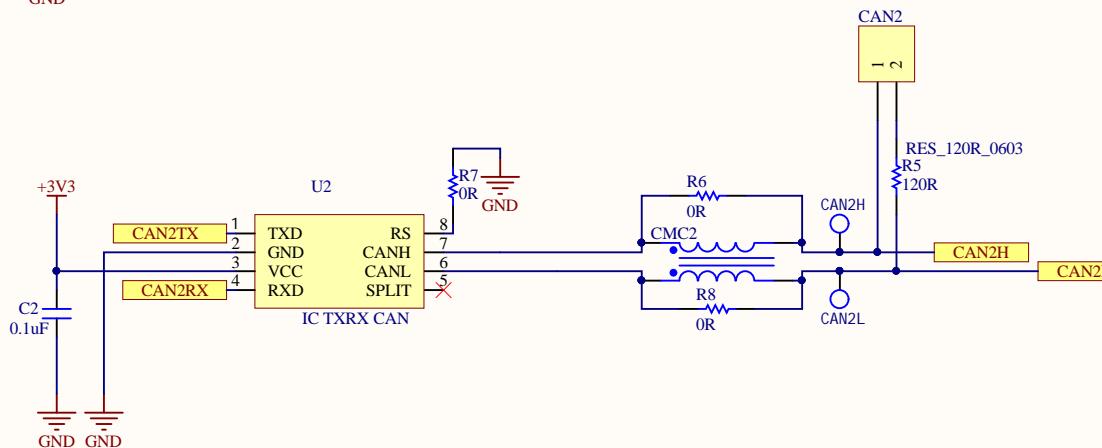


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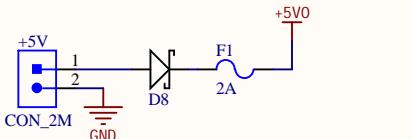


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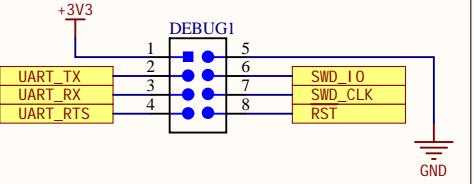
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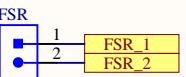
## Power Connector



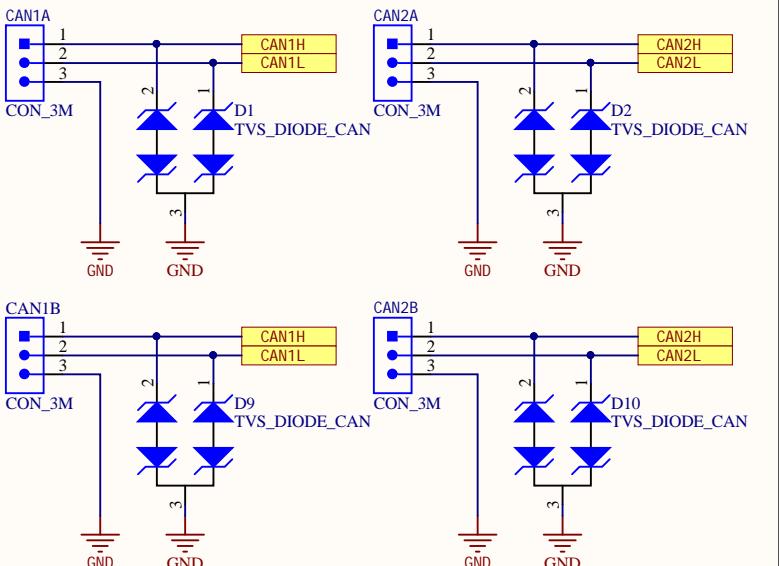
## Debug Connector



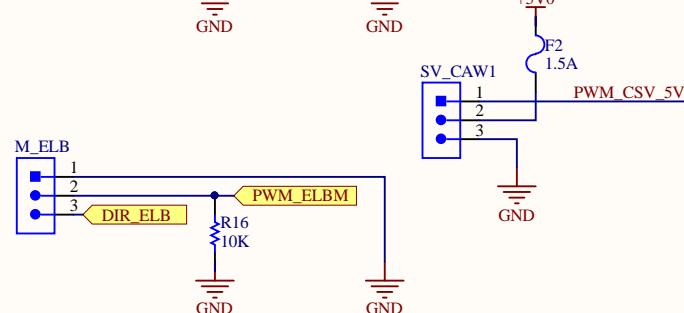
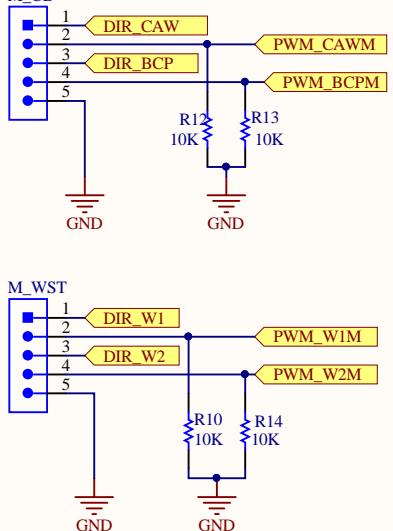
## FSR



## CAN Connections

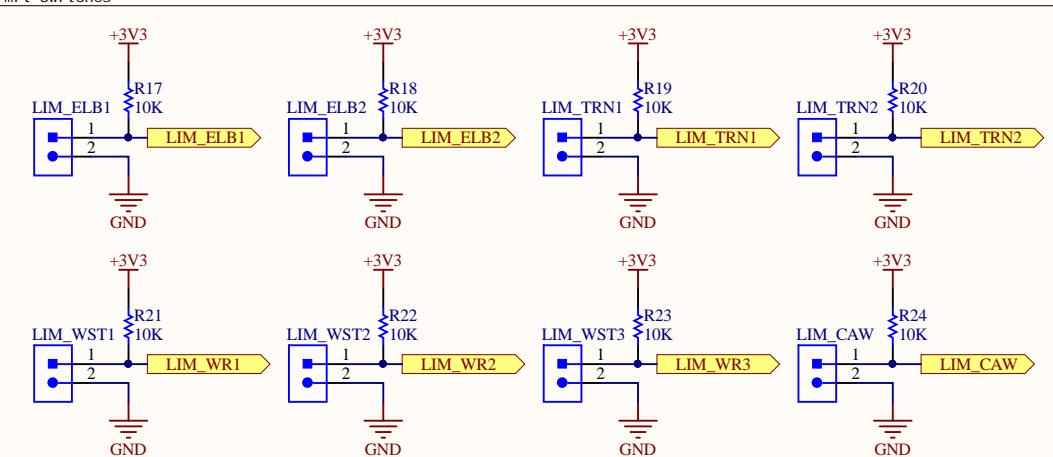


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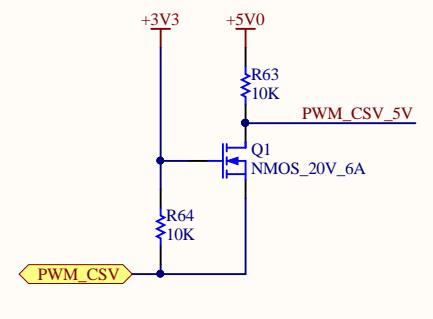


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## Limit Switches



## Servo Level Shifter



## Title Connectors

Size: Letter Drawn By: Kyle Hong, Noah Chapman

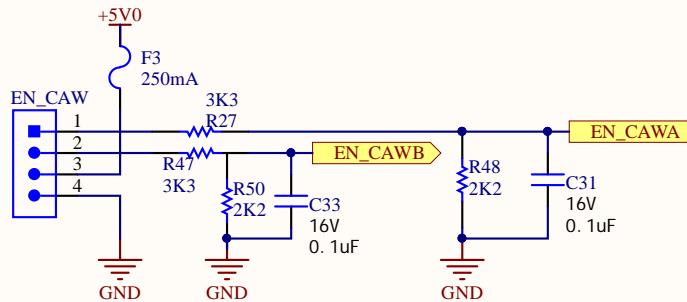
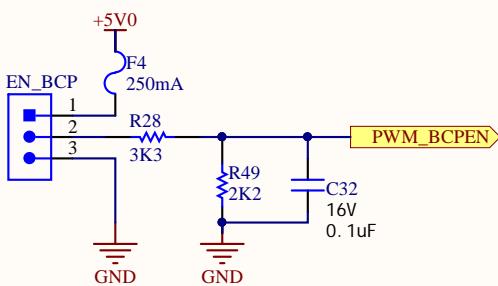
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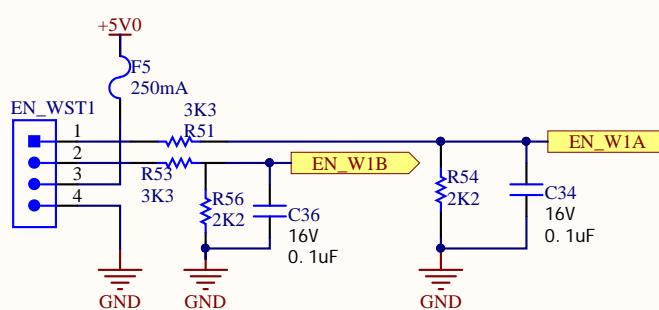
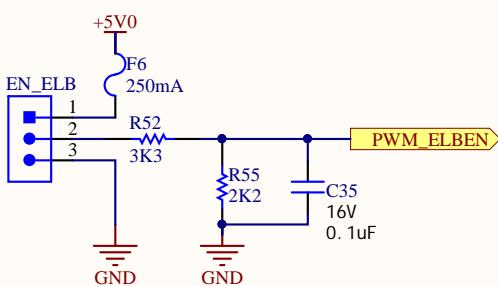
UW Robotics  
200 University Avenue  
Waterloo  
Ontario  
Canada N2L 3G6

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TEAM

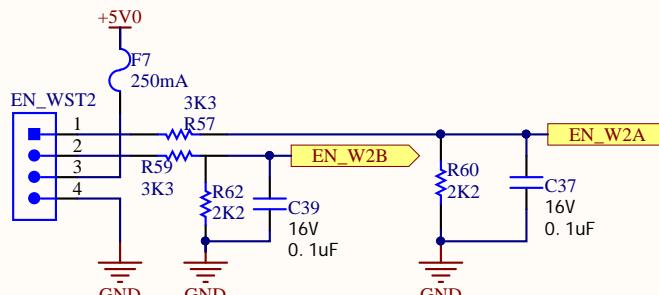
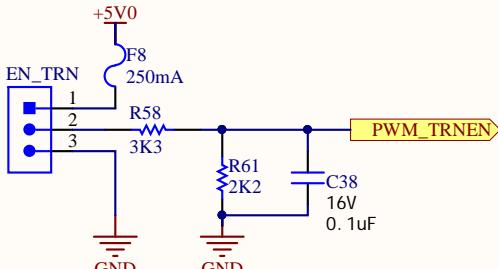
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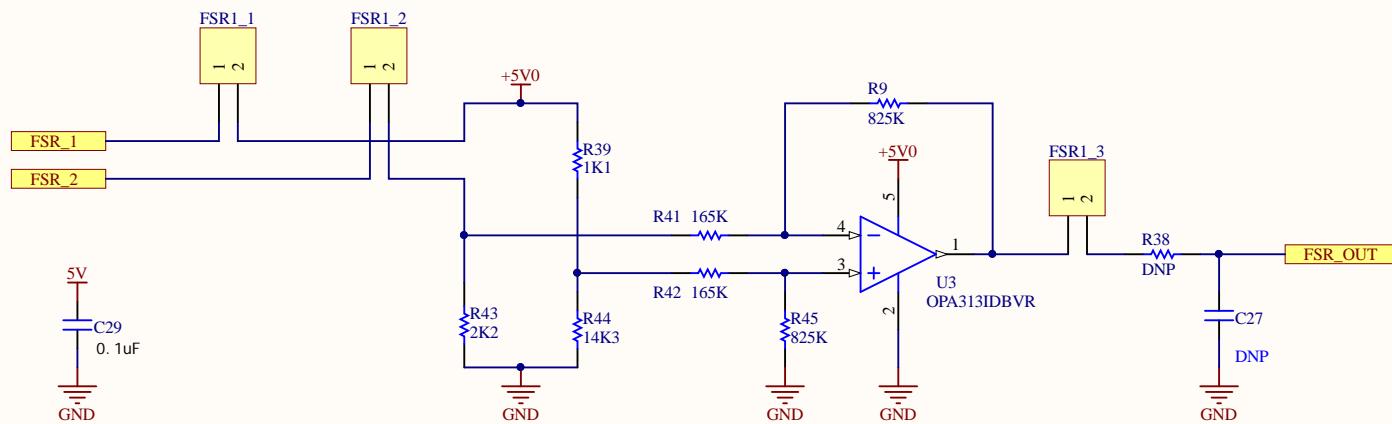
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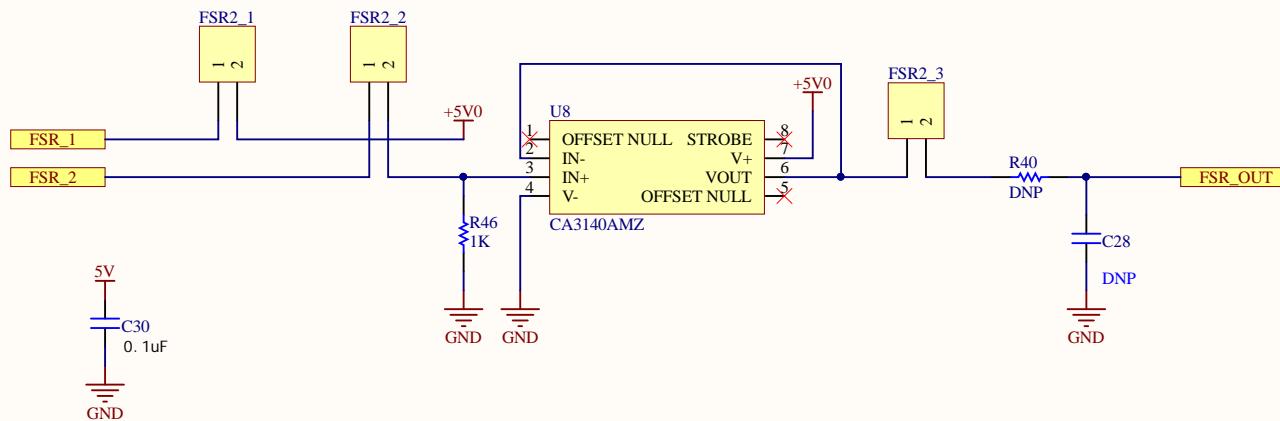
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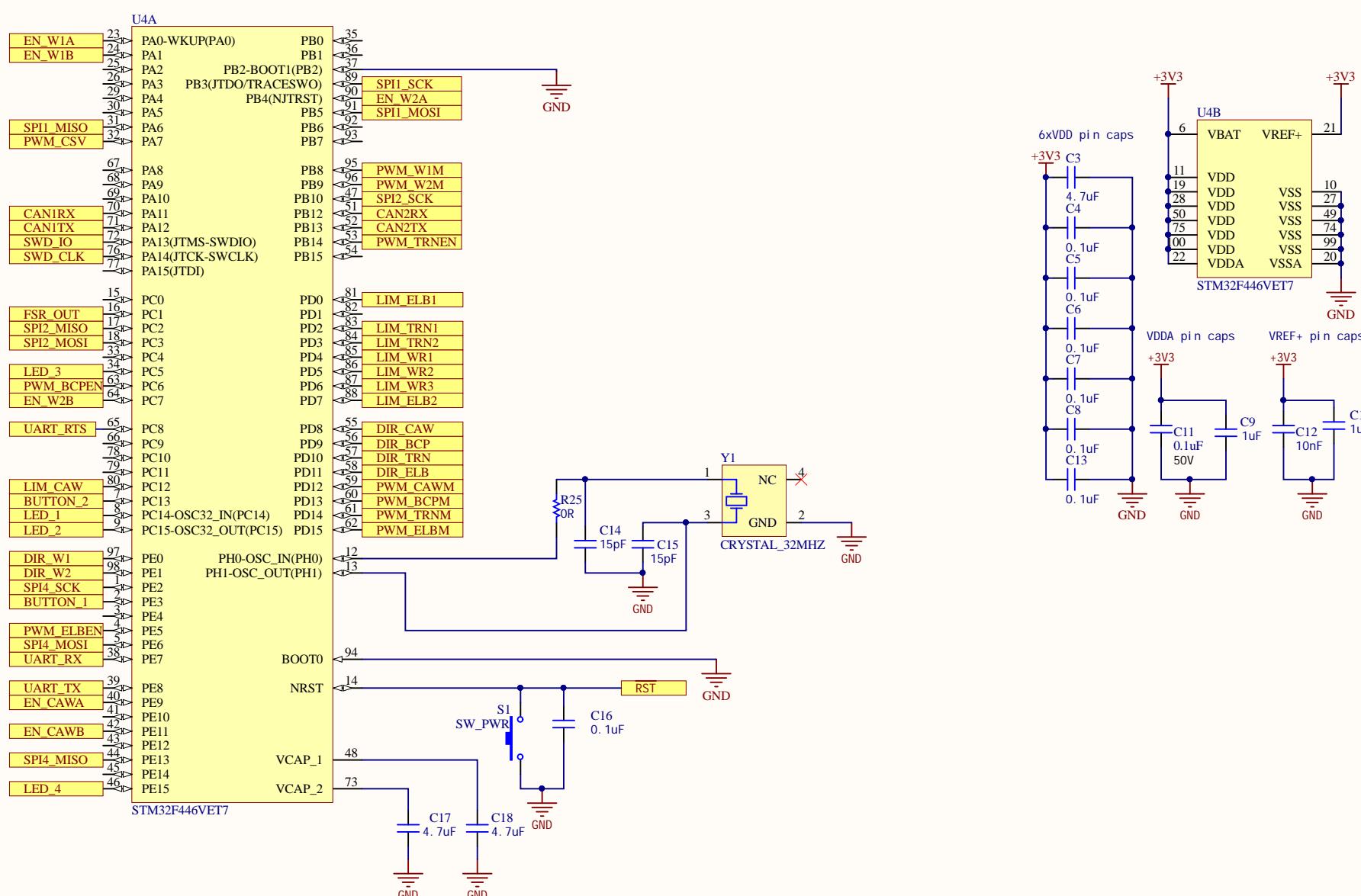
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Title Claw Force Sensor		UW Robotics 200 University Avenue Waterloo Ontario Canada N2L 3G6
Size: Letter	Drawn By: K. Hong, N. Chapman, A. Ebrahimi	
Date: 12/30/2019	Sheet * of *	
File: C:\Users\kyleh\Desktop\Works\UWRT\MarsRover2020-PCB\Projects\Arm\Rev1\sch\FSR.SchDoc		UW ROBOTICS TEAM

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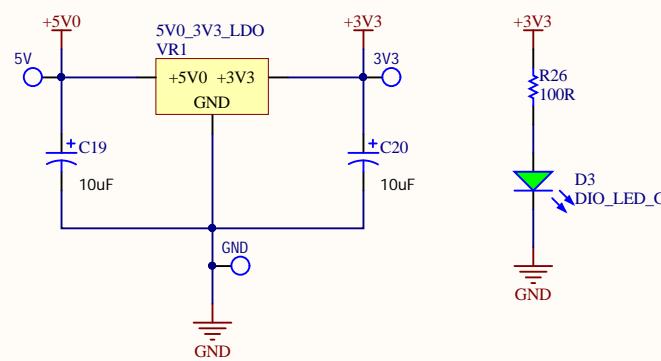
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Size: Letter	Drawn By: Princely Onai fo	
Date: 12/30/2019	Sheet of	
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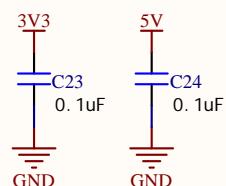
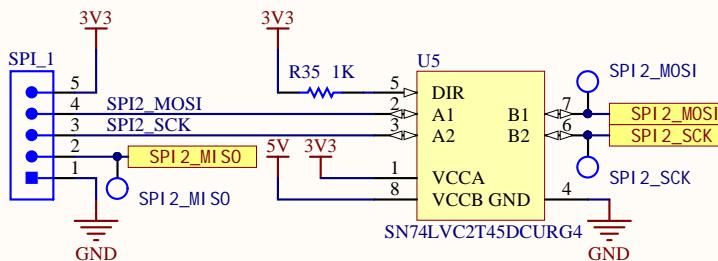
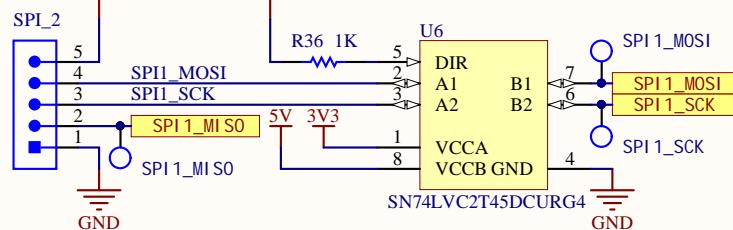
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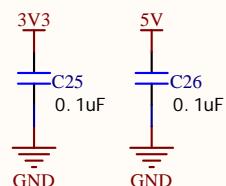
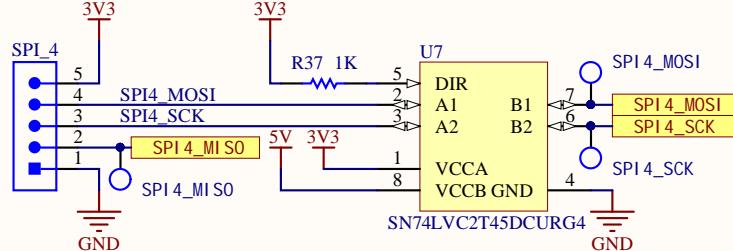
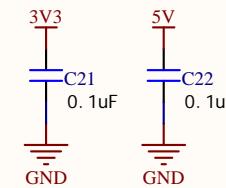
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Date: 12/30/2019 Sheet of			
File: C:\Users\kyleh\Desktop\Works\UWRT\MarsRover2020-PCB\Projects\Arm\Rev1\sch\POWER.SchDoc			

A

## 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.



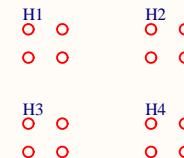
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