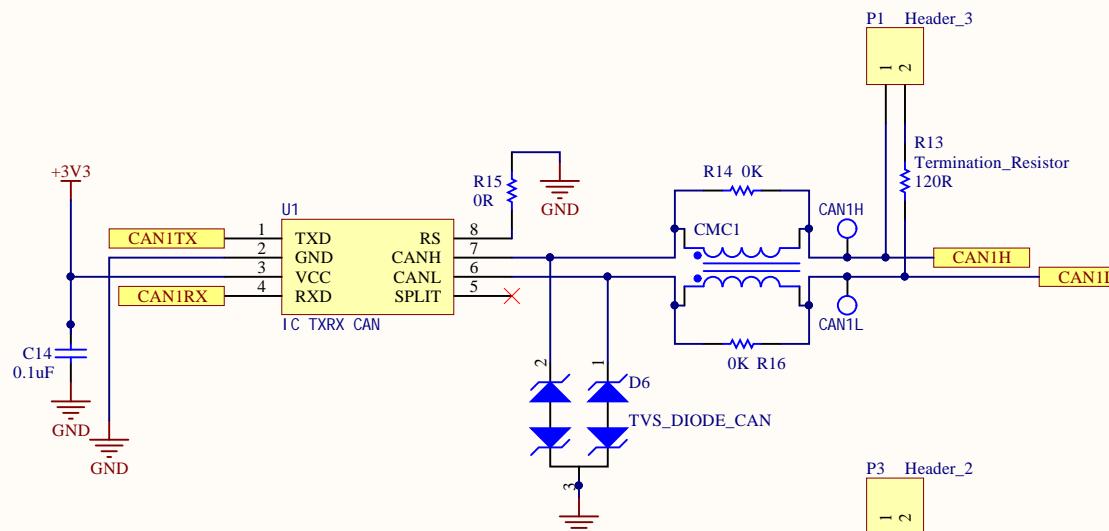
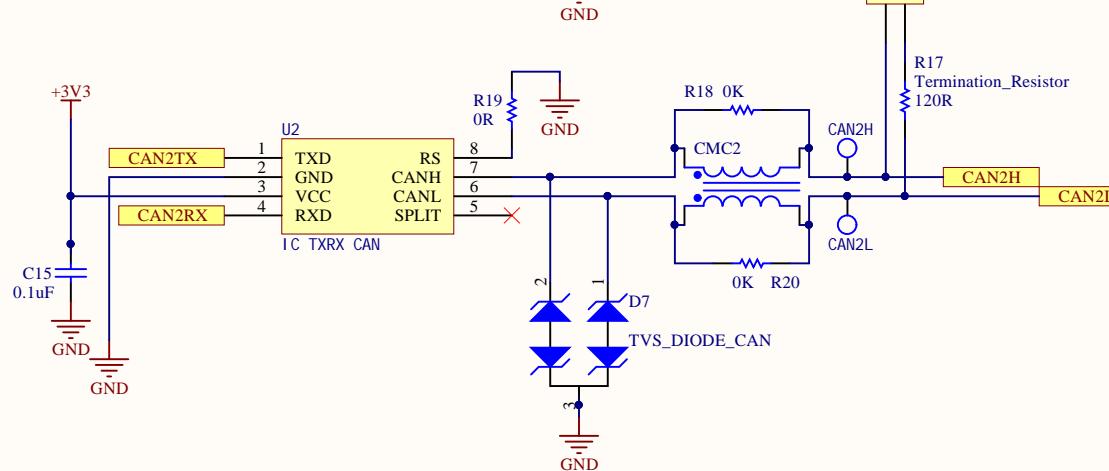


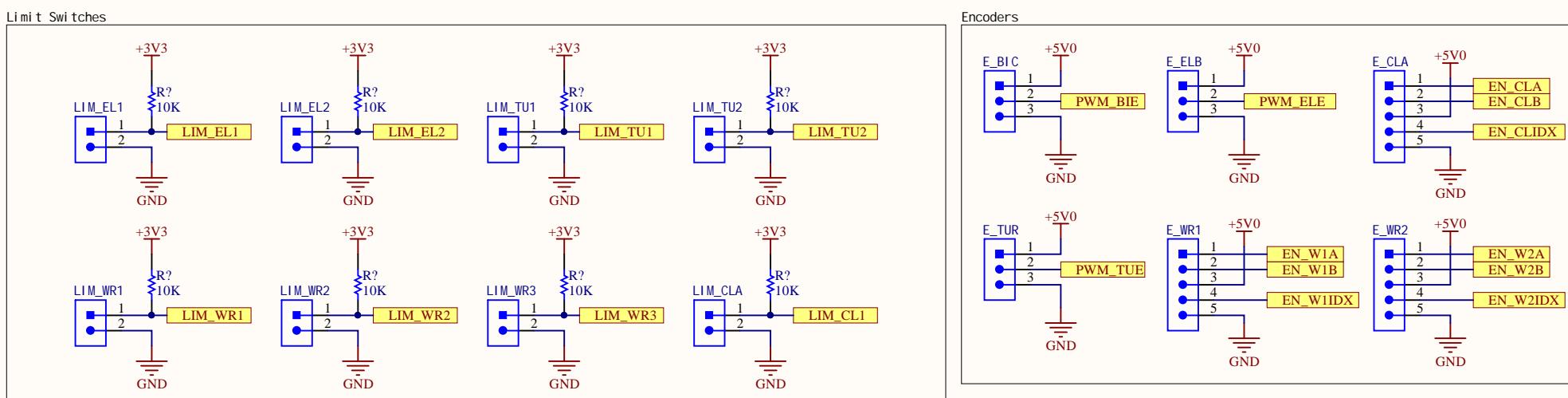
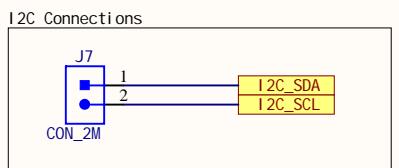
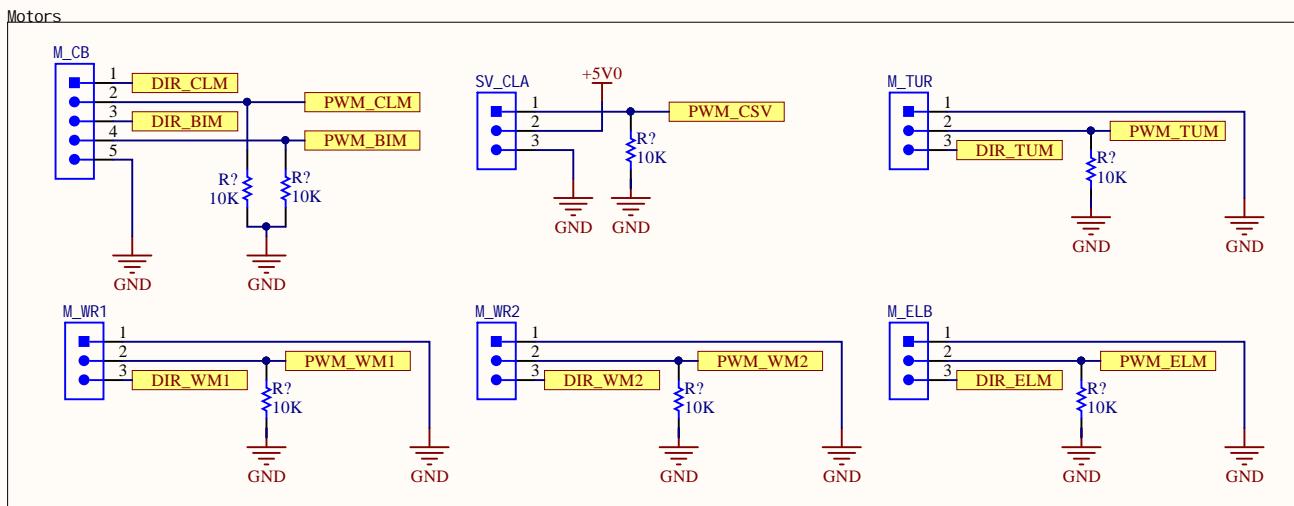
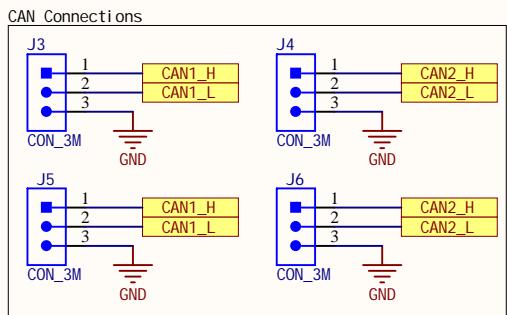
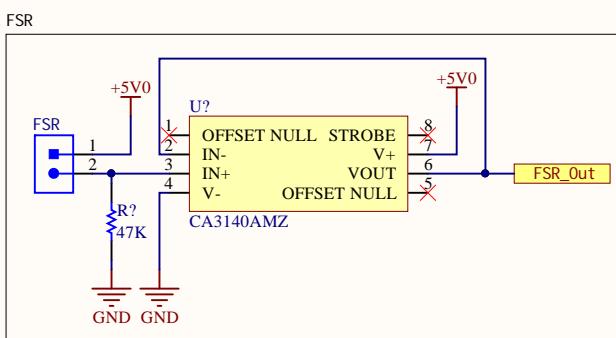
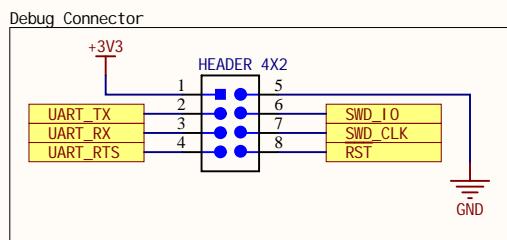
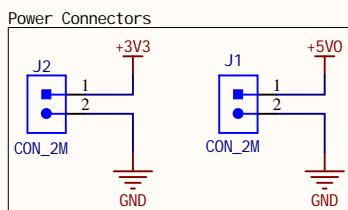
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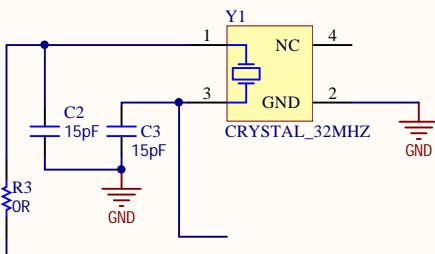
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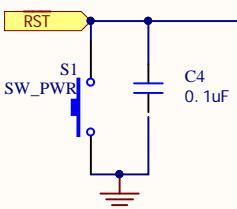
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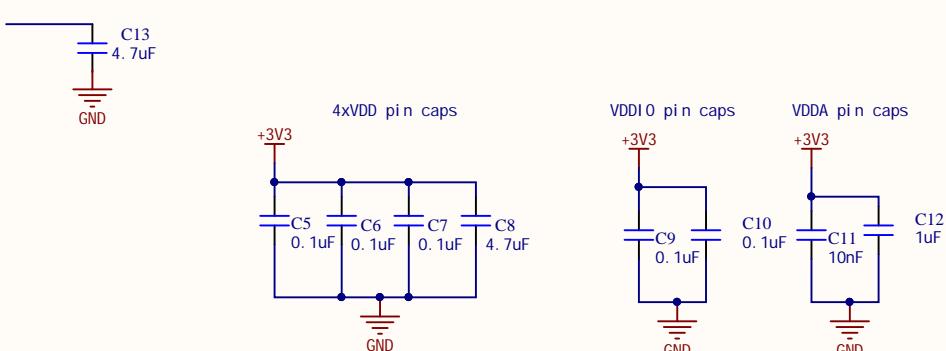
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B



C



D

U?A	
PA0-WKUP(PA0)	PB0
PA1	PB1
PA2	PB2-BOOT1(PB2)
PA3	PB3(JTDO/TRACESWO)
PA4	PB4(NJTRST)
PA5	PB5
PA6	PB6
PA7	PB7
PA8	PB8
PA9	PB9
PA10	PB10
PA11	PB12
PA12	PB13
PA13(JTMS-SWDIO)	PB14
PA14(JTCK-SWCLK)	PB15
PA15(JTDI)	
PC0	PD0
PC1	PD1
PC2	PD2
PC3	PD3
PC4	PD4
PC5	PD5
PC6	PD6
PC7	PD7
PC8	PD8
PC9	PD9
PC10	PD10
PC11	PD11
PC12	PD12
PC13	PD13
PC14-OSC32_IN(PC14)	PD14
PC15-OSC32_OUT(PC15)	PD15
PE0	PH0-OSC_IN(PH0)
PE1	PH1-OSC_OUT(PHI)
PE2	
PE3	
PE4	
PE5	
PE6	
PE7	
PE8	NRST
PE9	
PE10	
PE11	
PE12	
PE13	VCAP_1
PE14	VCAP_2
PE15	
BOOT0	94
NRST	14
VCAP_1	48
VCAP_2	73

STM32F446VET7

U?B	
VBAT	VREF+
11	10
19	27
28	49
50	74
75	99
100	20
VDDA	VSSA

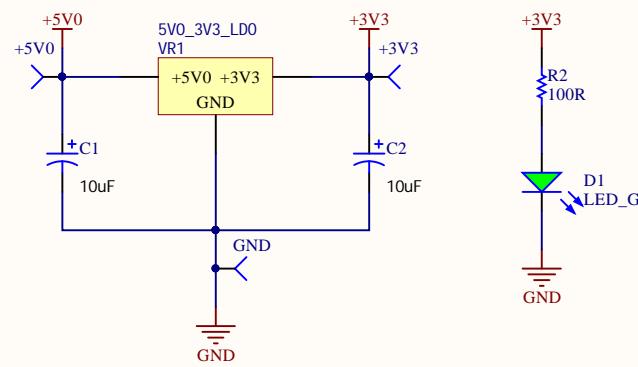
STM32F446VET7

A

A

B

B



C

C

D

D

Title: Power Board		UW Robotics 200 University Avenue Waterloo Ontario Canada N2L 3G6
Size: Letter	Drawn By: Kyle Hong	
Date: 2019-11-03	Sheet of	
File: C:\Users\Adrianna\Documents\MarsRover2020-PCB\Projects\Arm\Rev1\sch\POWER.SchDoc		UW ROBOTICS TEAM

