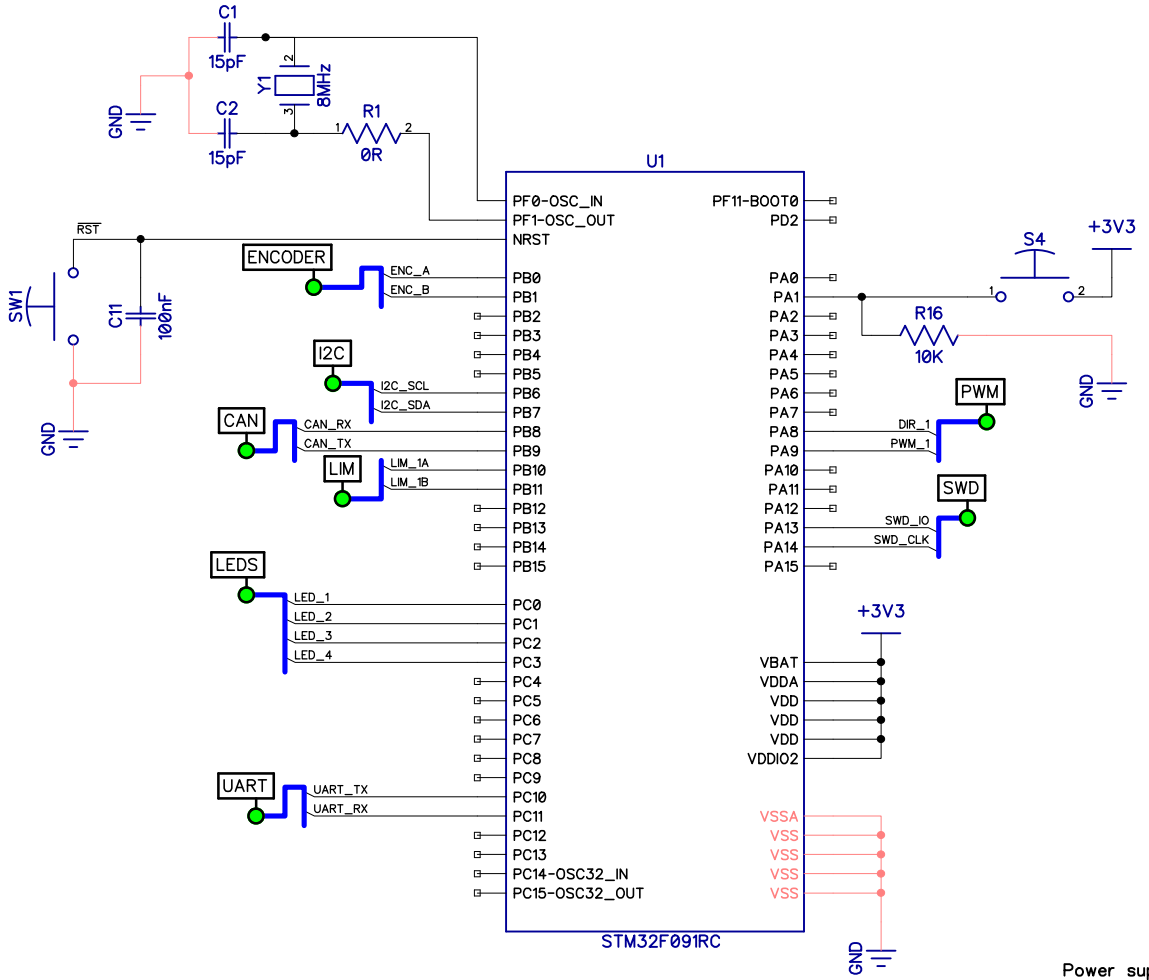
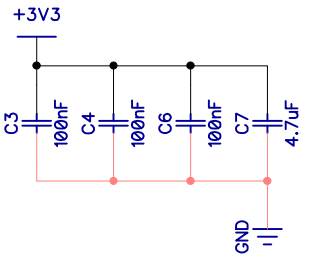
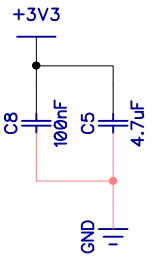


Power supply scheme (pg 50)

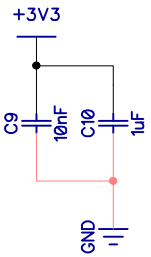
3xVDD pin caps



VDDIO2 pin caps



VDDA pin caps



UW Mars Rover		
Size	End effector - Schematics	Rev
A 1:1	Microcontroller	0.1
Date 3 Nov 2017		Drawn by EB
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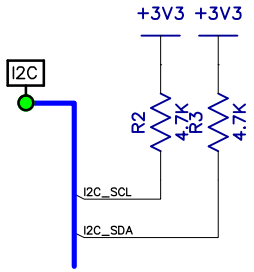
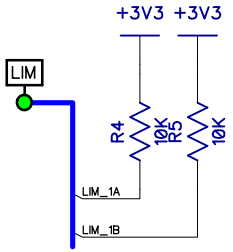
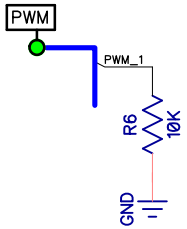
I2C Pull-ups



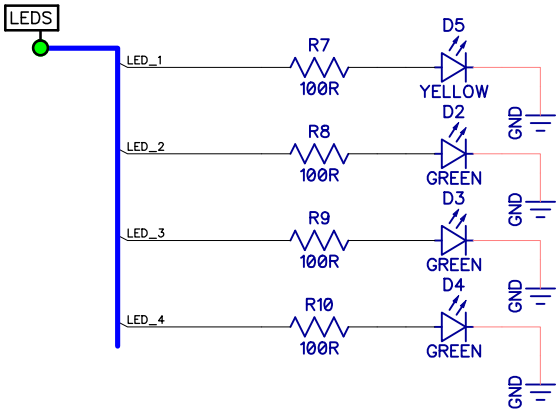
Limit switch pull-ups



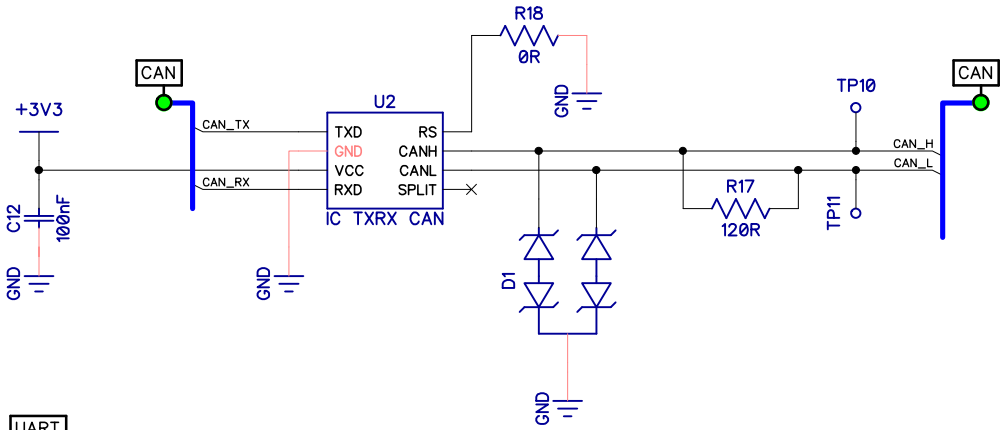
PWM pull-down

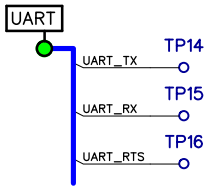


LEDs



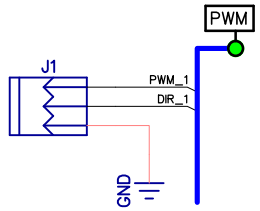
CAN



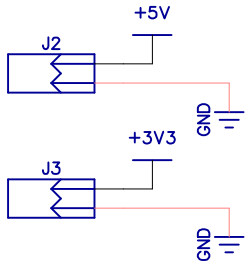


UW Mars Rover		
Size A 1:1	End effector - Schematics Support	Rev 0.1
Date 3 Nov 2017		Drawn by EB
end_effector.dch		Sheet 1 of 3

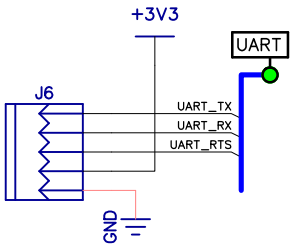
PWM Connectors



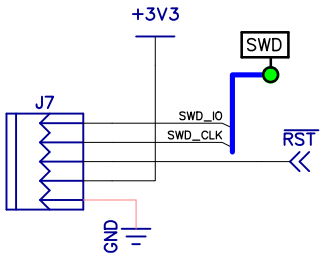
Power Connectors



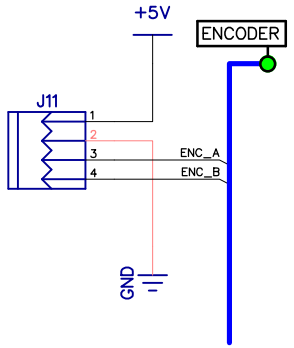
UART Connectors



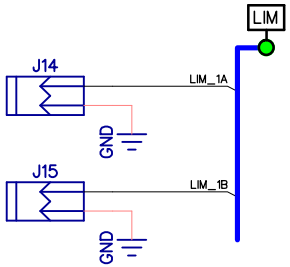
SWD Connectors



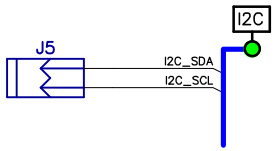
Encoder Connectors



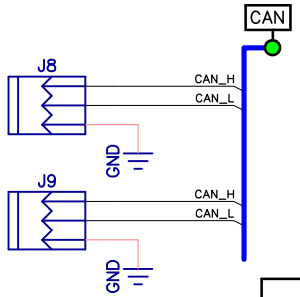
Limit switch connectors



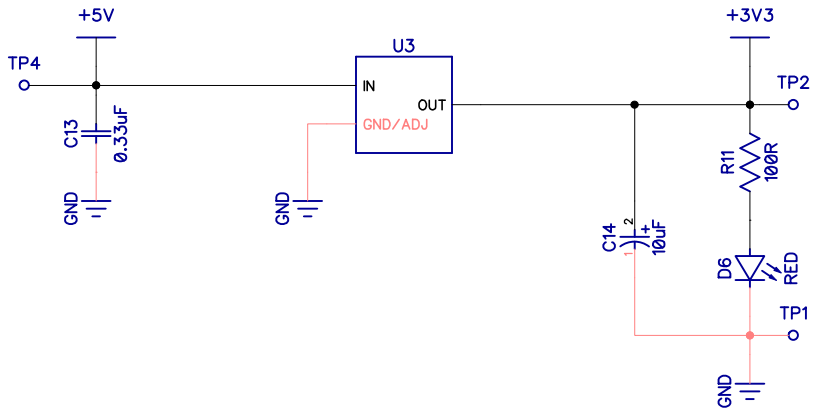
I2C Connectors



CAN Connectors



UW Mars Rover		
Size A 1:1	End effector - Schematics Connectors	Rev 0.1
Date 3 Nov 2017		Drawn by EB
end_effector.dch		Sheet 1 of 3



UW Mars Rover		
Size A 1:1	End effector - Schematics Power	Rev 0.1
Date 3 Nov 2017		Drawn by EB
end_effector.dch		Sheet 1 of 3