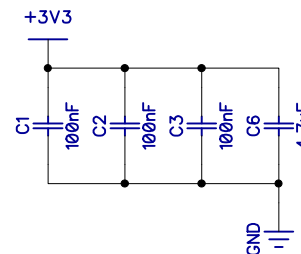
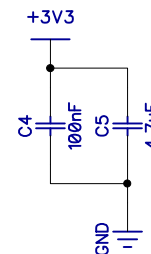


## MCU pin capacitors

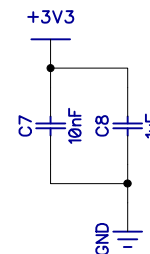
3xVDD pin caps



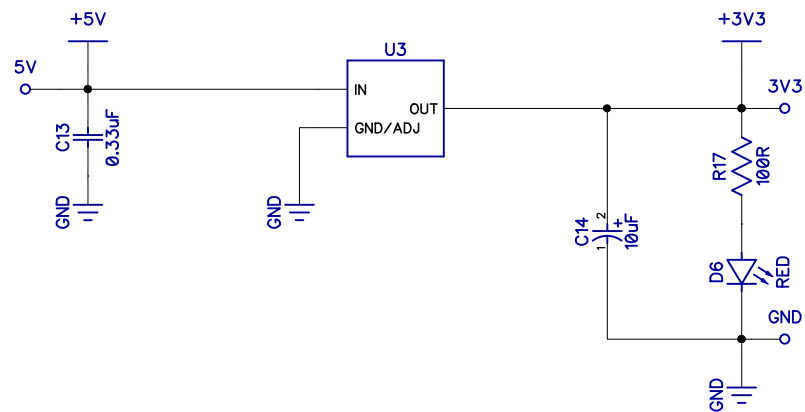
VDDIO2 pin caps



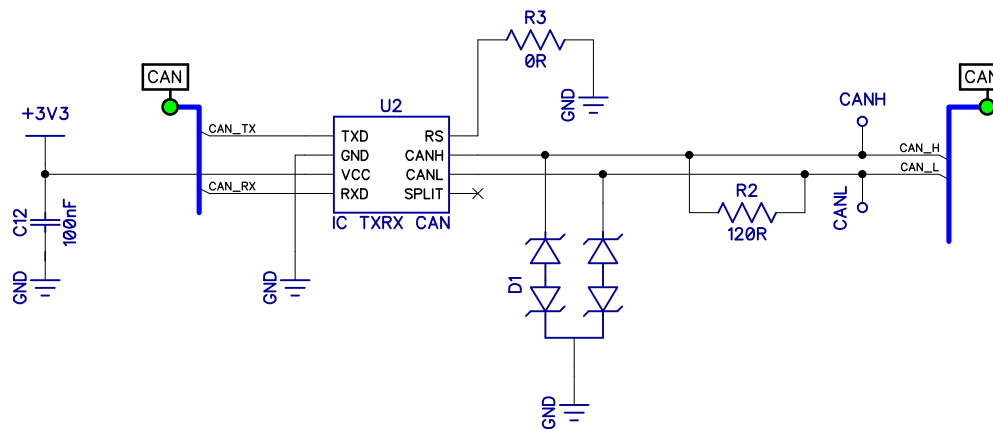
VDDA pin caps



UW Mars Rover		
Size	Template - Schematics	Rev
A 1:1	Microcontroller	0.1
Date 3 Nov 2017		Drawn by AL
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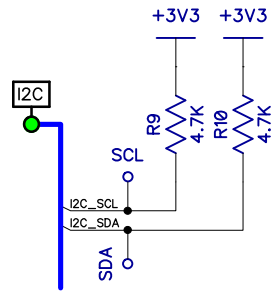


UW Mars Rover		
Size	Template - Schematics	Rev
A 1:1	Power	0.1
Date 3 Nov 2017		Drawn by AL
Science_board.dch		Sheet 1 of 3

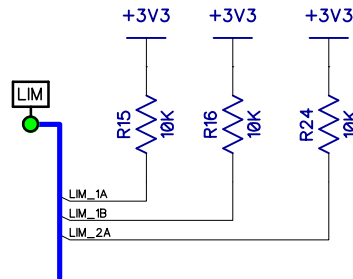


UW Mars Rover		
Size	Template - Schematics	Rev
A 1:1	CAN	0.1
Date 3 Nov 2017		Drawn by AL
Science_board.dch		Sheet 2 of 3

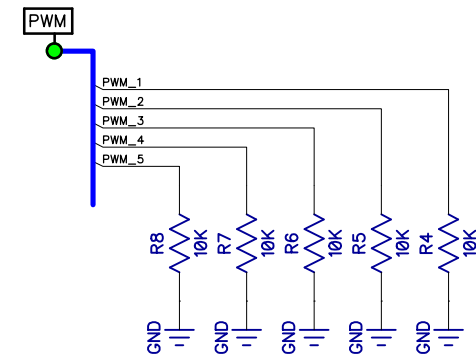
### I2C pull-ups



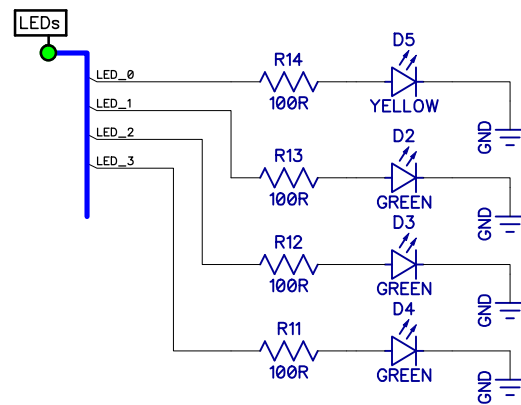
### Limit switch pull-ups



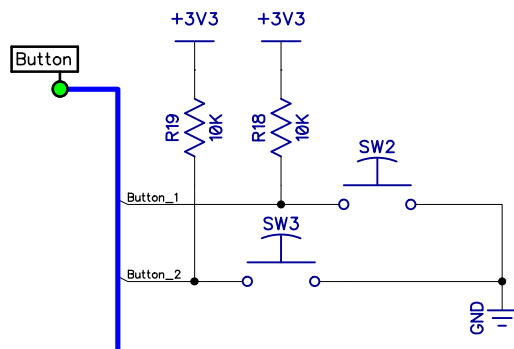
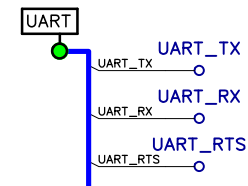
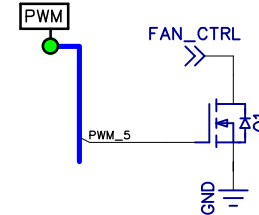
### PWM pull-downs



### LED circuits

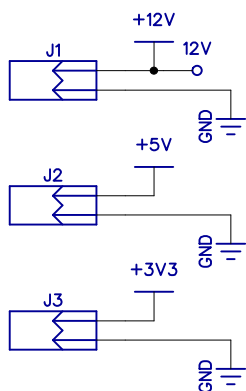


### Fan FET

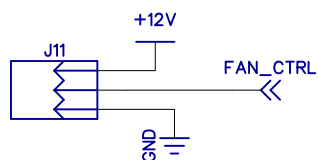


UW Mars Rover		
Size	Template - Schematics	Rev
A 1:1	Support	0.1
Date 3 Nov 2017		Drawn by AL
Science_board.dch		Sheet 1 of 3

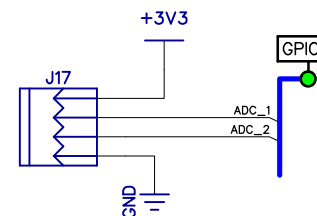
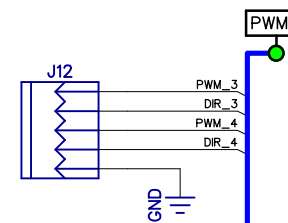
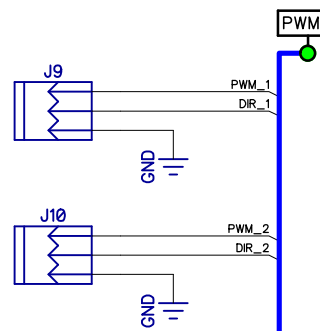
## Power Connectors



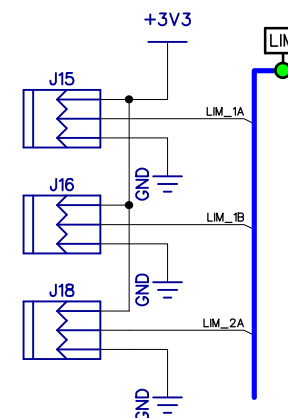
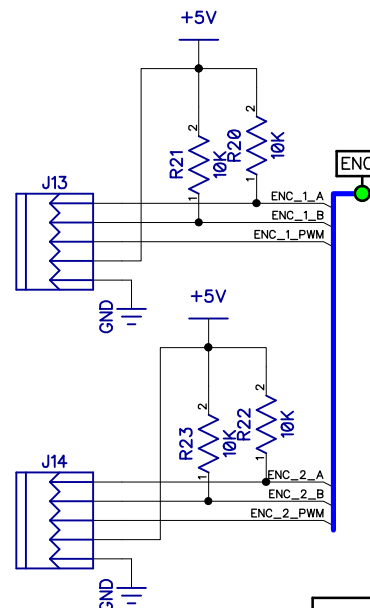
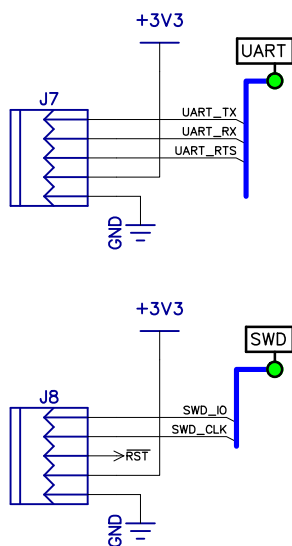
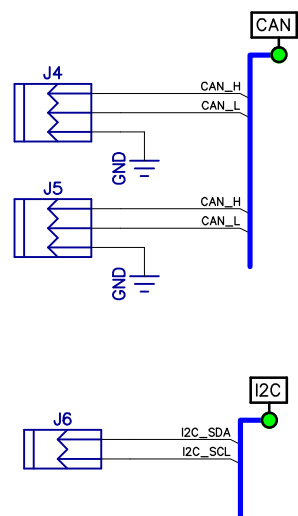
## Fan Control



## PWM Connectors



## Communications Connectors



UW Mars Rover		
Size	Template - Schematics	Rev
A 1:1	Connectors	0.1
Date 3 Nov 2017		Drawn by AL
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