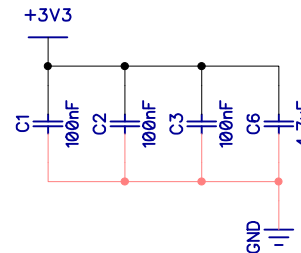
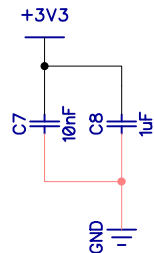
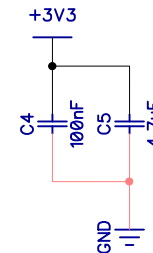


## MCU pin capacitors

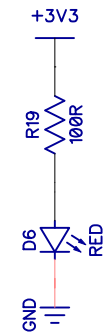
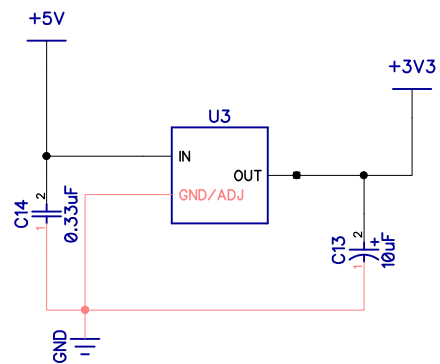
3xVDD pin caps



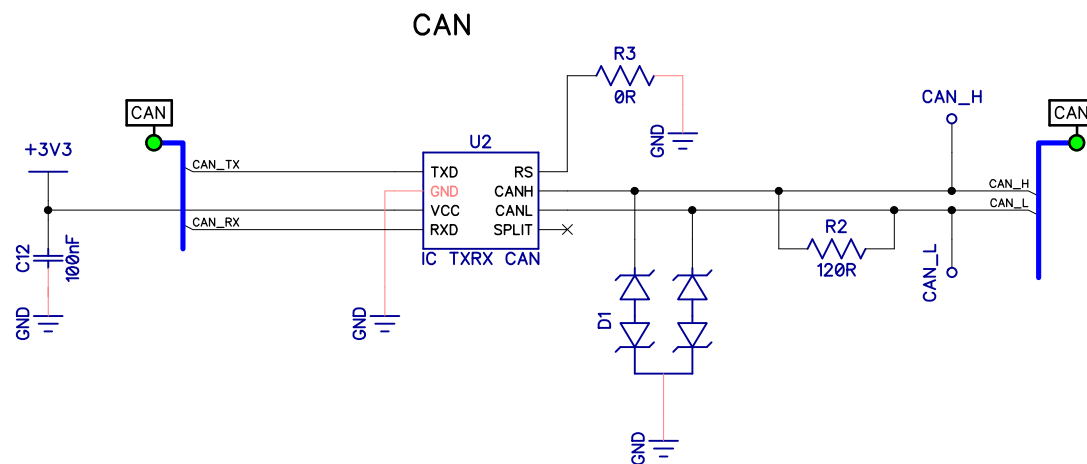
VDDIO2 pin caps VDDA pin caps



UW Mars Rover		
Size	Template - Schematics	Rev
A 1:1	Microcontroller	0.1
Date 23 Nov 2017		By: A. Kranc
gimbalboard3.dch		Sheet 1 of 3

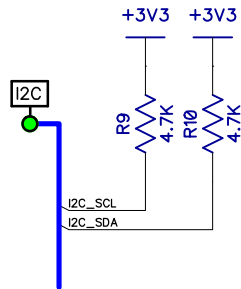


UW Mars Rover		
Size	Template - Schematics	Rev
A 1:1	Power	0.1
Date 3 Nov 2017		Drawn by Austin
gimbalboard3.dch		Sheet 1 of 3

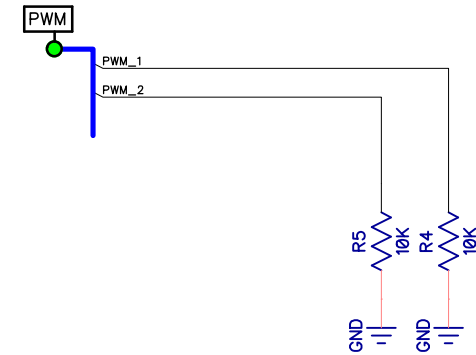


UW Mars Rover		
Size	Template - Schematics	Rev
A 1:1	CAN	0.1
Date 3 Nov 2017		Drawn by Austin
gimbalboard3.dch		Sheet 2 of 3

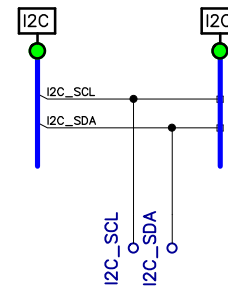
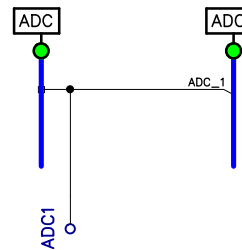
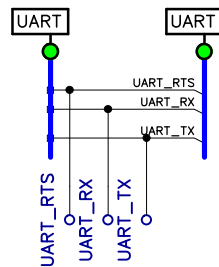
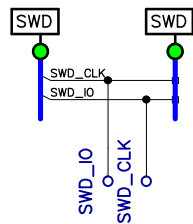
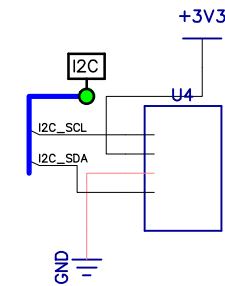
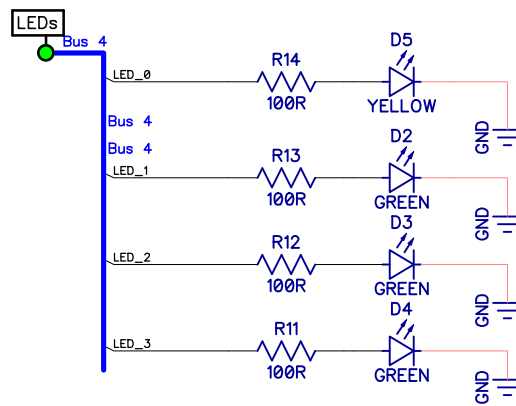
## I2C pull-ups



## PWM pull-downs

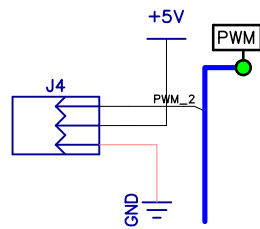
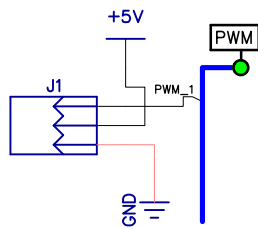


## LED circuits

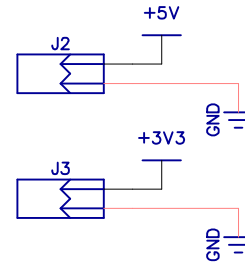


UW Mars Rover		
Size	Template - Schematics	Rev
A 1:1	Support	0.1
Date 3 Nov 2017	Drawn by Austin	
gimbalboard3.dch	Sheet 1 of 3	

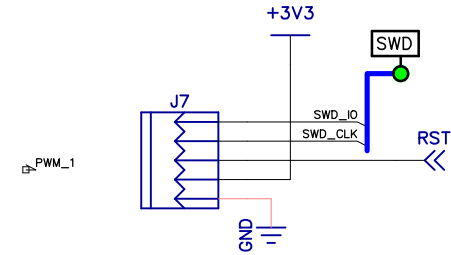
### PWM Connectors



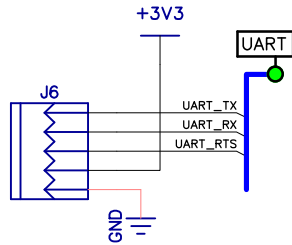
### Power Connectors



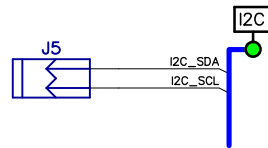
### SWD Connectors



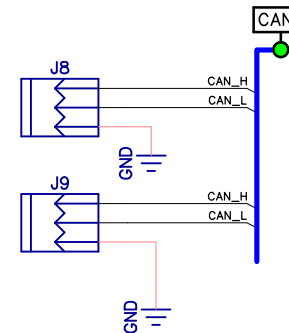
### UART Connectors



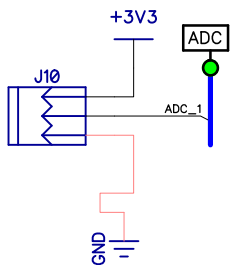
### I2C Connectors



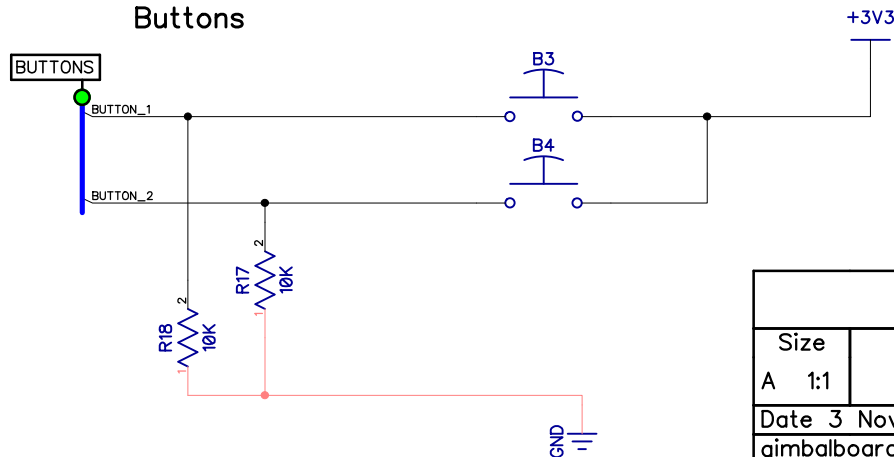
### CAN Connectors



### ADC Connector



### Buttons



### UW Mars Rover

Size	Template - Schematics	Rev
A 1:1	Connectors	0.1
Date 3 Nov 2017	Drawn by Austin	
gimbalboard3.dch	Sheet 3 of 3	