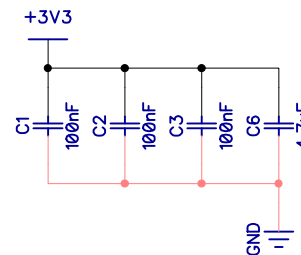
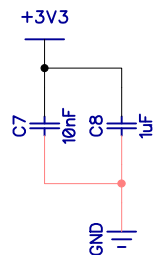
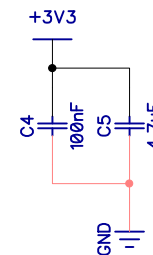


MCU pin capacitors

3xVDD pin caps

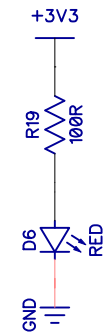
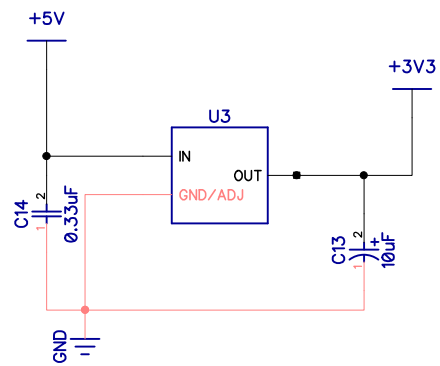


VDDIO2 pin caps VDDA pin caps

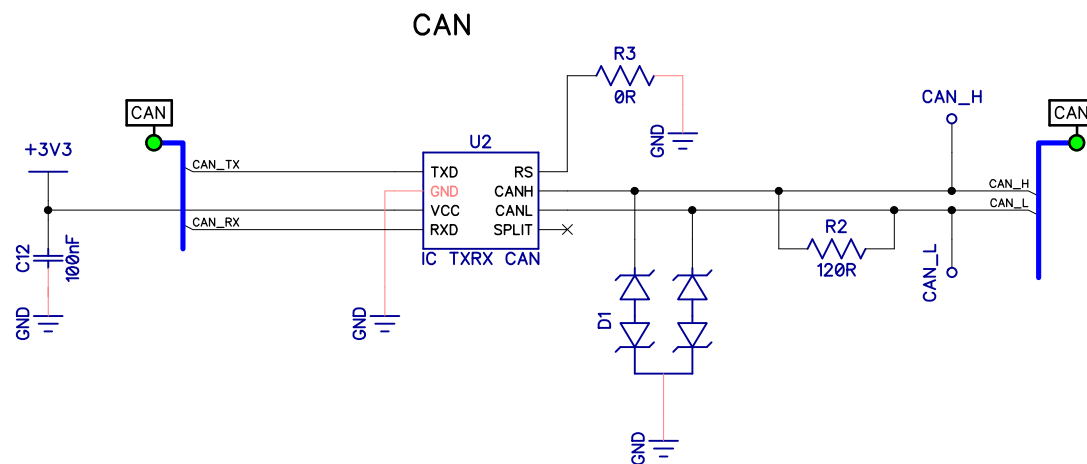


UW Mars Rover

Size	Template - Schematics	Rev
A 1:1	Microcontroller	0.1
Date 23 Nov 2017		By: A. Kranc
gimbalboard2.dch		Sheet 1 of 3

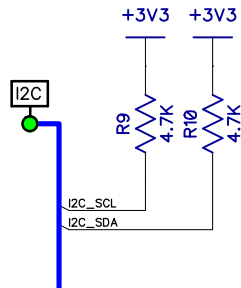


UW Mars Rover		
Size	Template - Schematics	Rev
A 1:1	Power	0.1
Date 3 Nov 2017		Drawn by Austin
gimbalboard2.dch		Sheet 1 of 3

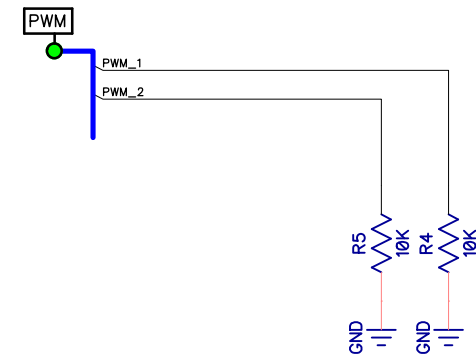


UW Mars Rover		
Size	Template - Schematics	Rev
A 1:1	CAN	0.1
Date 3 Nov 2017		Drawn by Austin
gimbalboard2.dch		Sheet 2 of 3

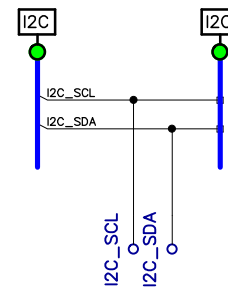
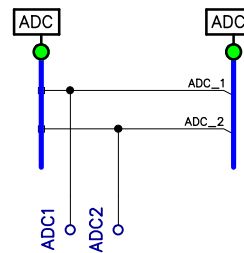
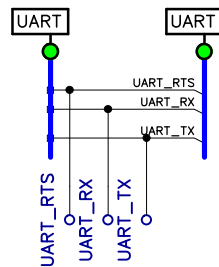
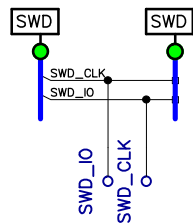
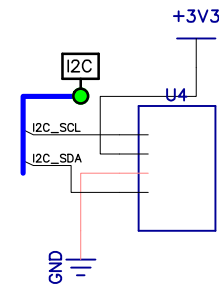
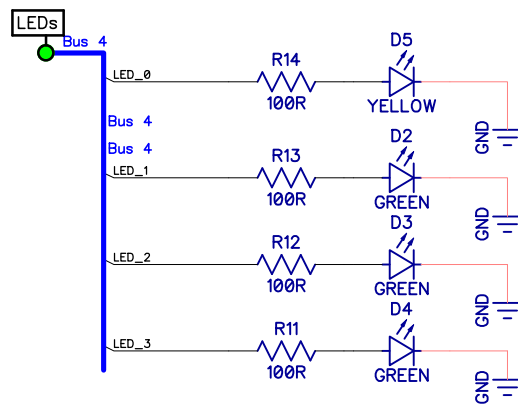
I2C pull-ups



PWM pull-downs

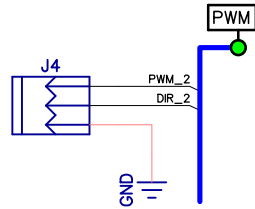
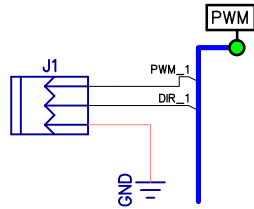


LED circuits

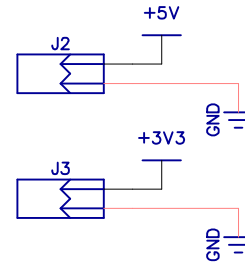


UW Mars Rover		
Size	Template - Schematics	Rev
A 1:1	Support	0.1
Date 3 Nov 2017	Drawn by Austin	
gimbalboard2.dch	Sheet 1 of 3	

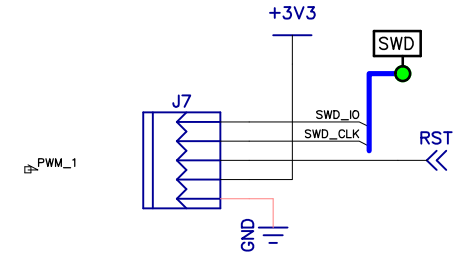
PWM Connectors



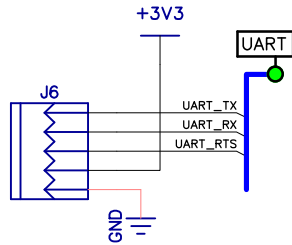
Power Connectors



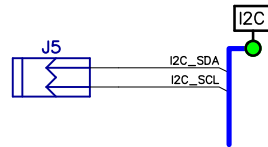
SWD Connectors



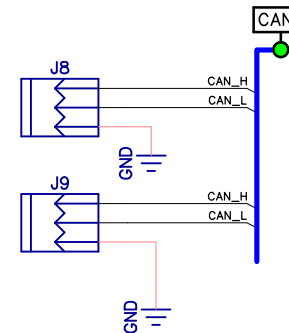
UART Connectors



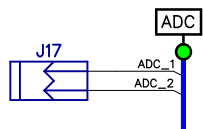
I2C Connectors



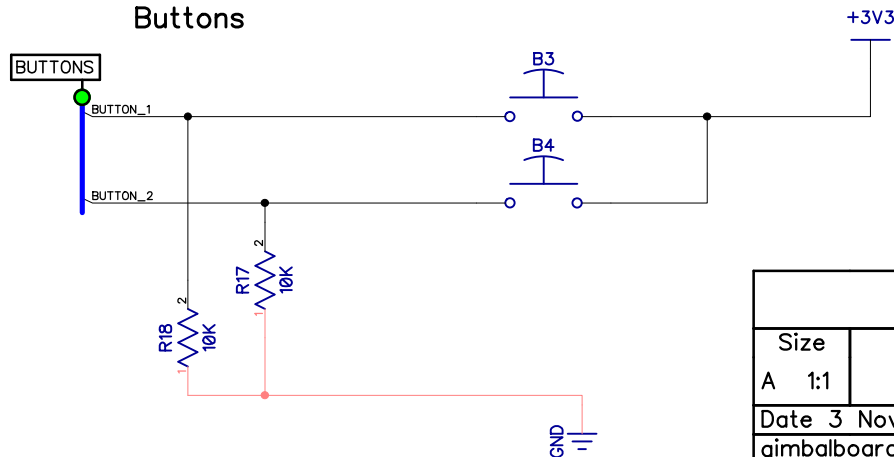
CAN Connectors



ADC Connector



Buttons



UW Mars Rover

Size	Template - Schematics	Rev
A 1:1	Connectors	0.1
Date 3 Nov 2017	Drawn by Austin	
gimbalboard2.dch	Sheet 3 of 3	