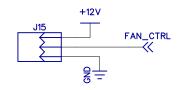
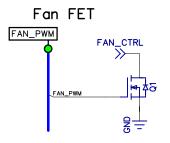


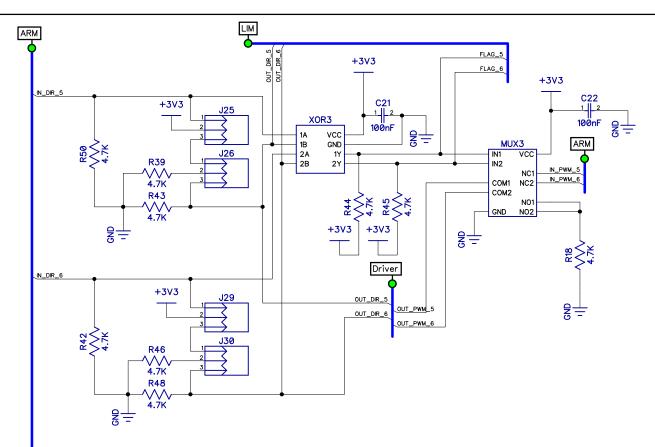
Fan Control





Based on the design on page 9 (Figure 5-1) in the TC648 Datasheet: http://ww1.microchip.com/downloads/en/DeviceDoc/21448D.pdf

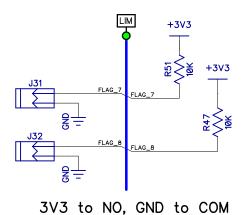
UW Mars Rover				
Size	Limit Switch and Fai	n Controller	Rev	
A 1:1	Fan Controller 1.0		1.0	
		Drawn by JHR		
LimSw_FanCon_V4.dch		Sheet 2 of 7		



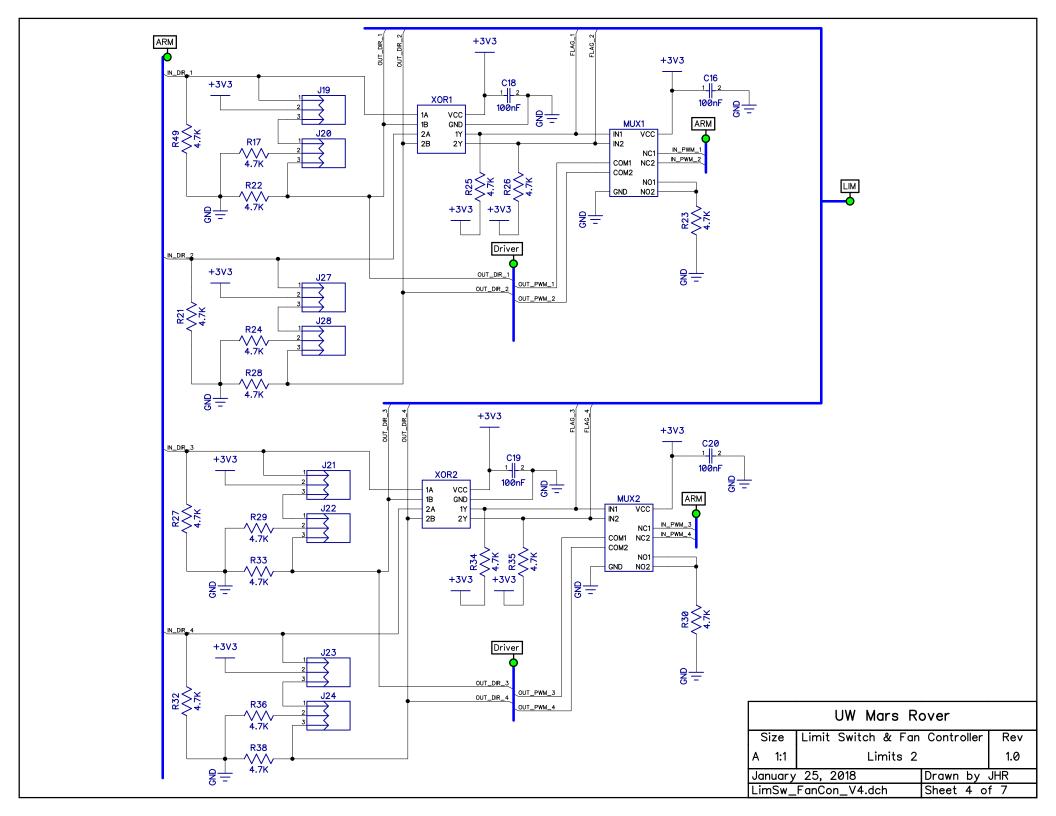
Either 3V3 or GND limit switch should be shorted across 1 and 3 for unidirectional limiting

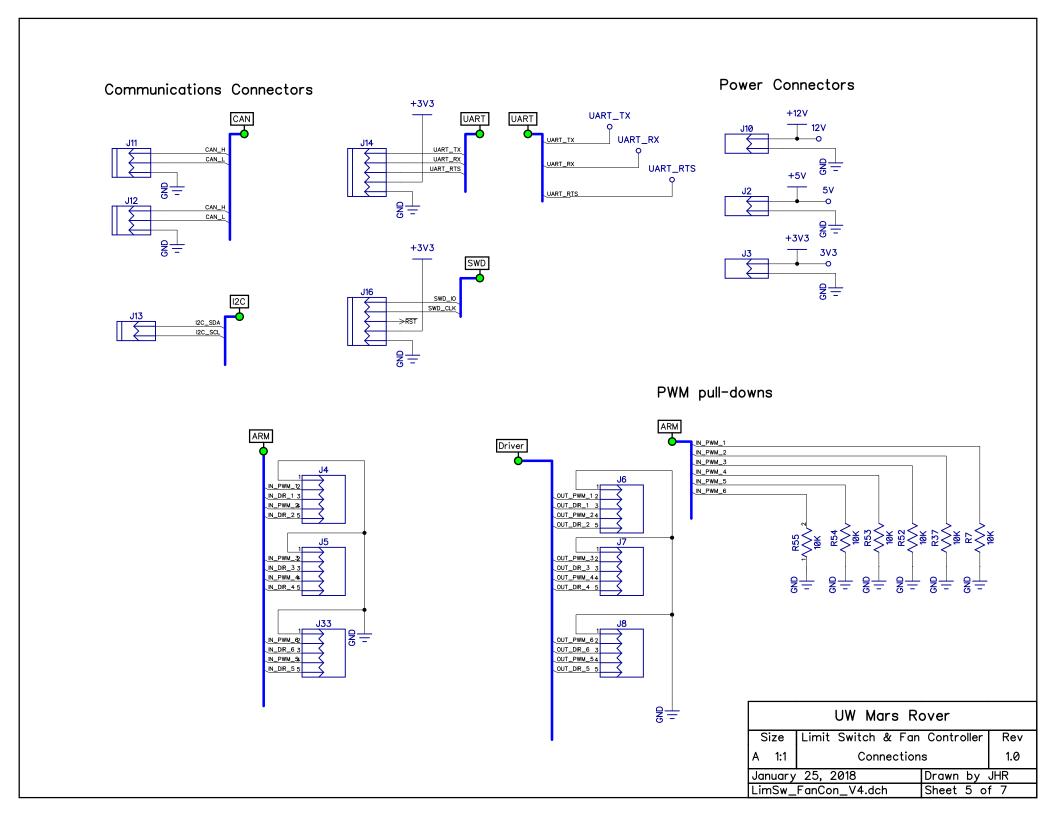
1: NC, 2: NO, 3: COM on SPDT limit switch

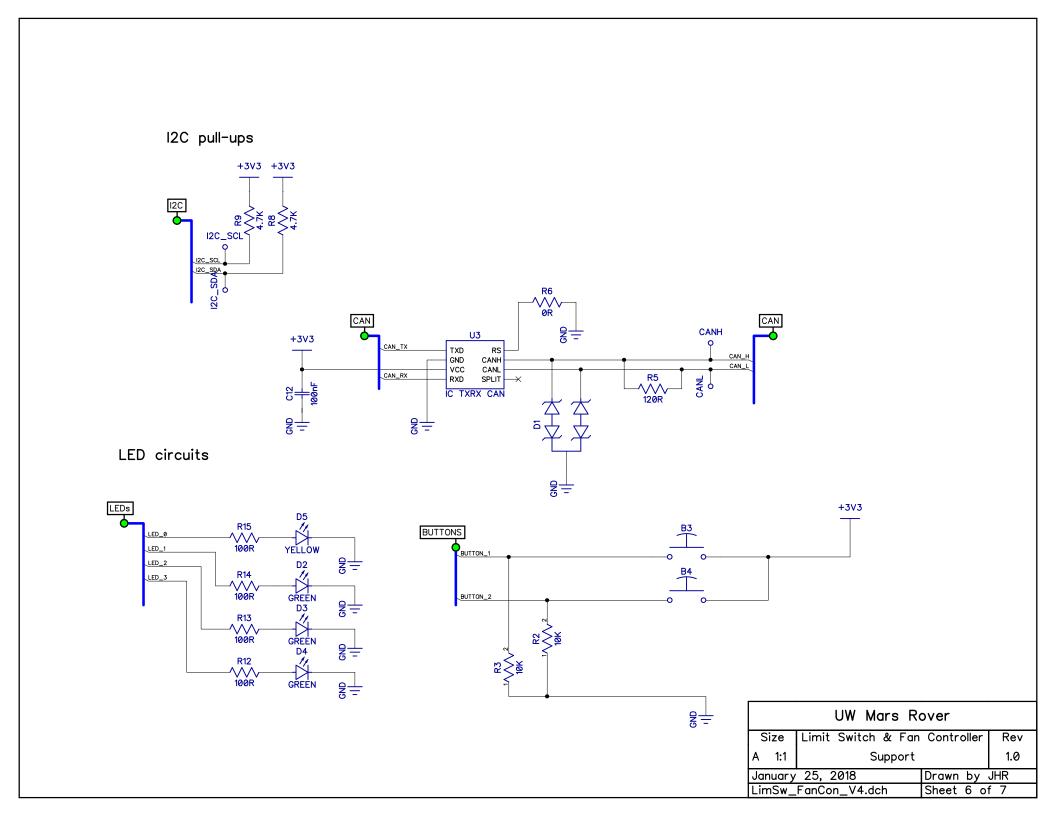
Limit Monitoring

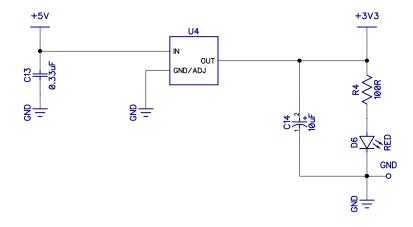


UW Mars Rover				
Size Limit Switch & Fan Controller Rev		Rev		
A 1:1	Limits 1		1.0	
January 25, 2018		Drawn by JHR		
LimSw_FanCon_V4.dch		Sheet 3 of 7		









UW Mars Rover				
Size	Size Limit Switch & Fan Controller		Rev	
A 1:1	Power		1.0	
January 25, 2018		Drawn by JHR		
LimSw_FanCon_V4.dch		Sheet 7 of 7		