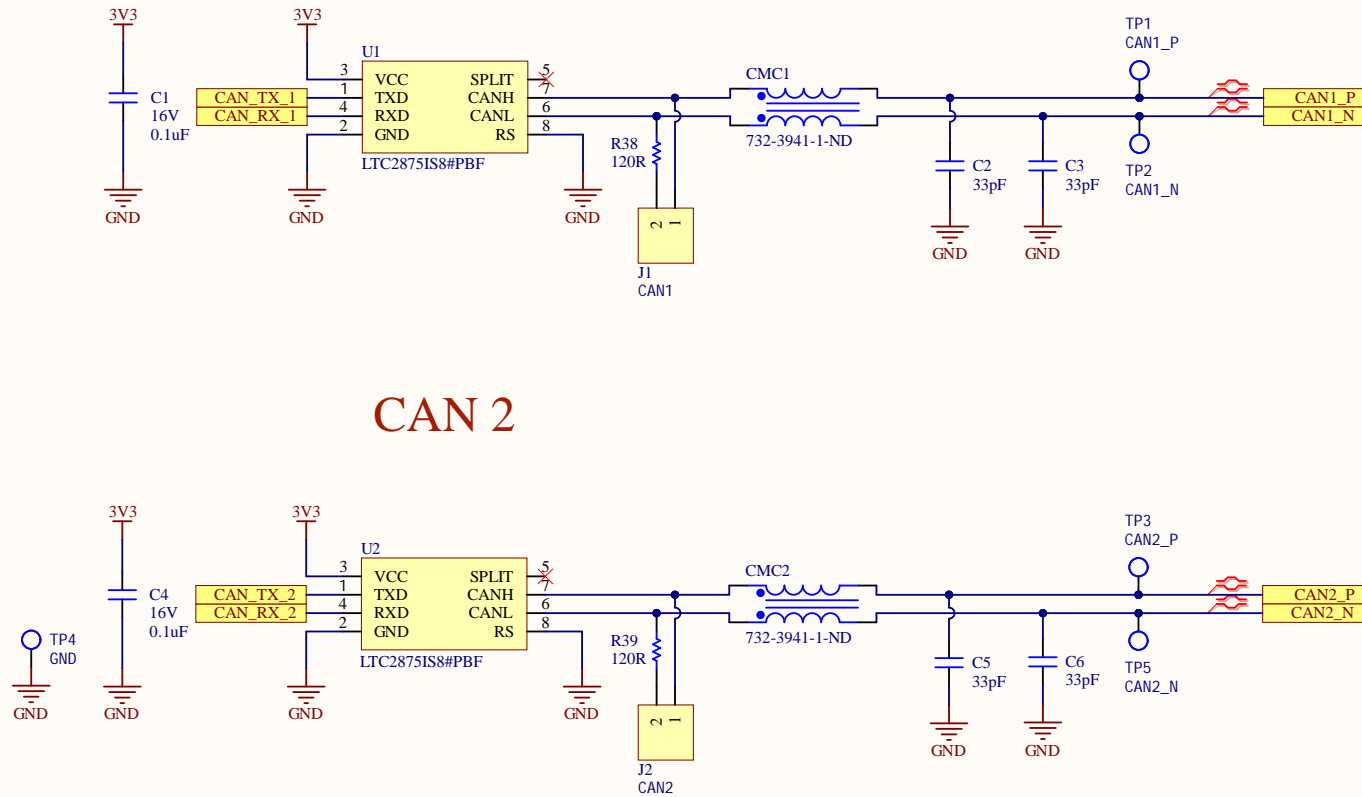




CAN 2



Title CAN		
Size: Letter	Drawn By: Ayesha Ebrahim	
Date: 2020-05-01	Sheet 6 of 7	
File: C:\Users\ayesh\Documents\GitHub\MarsRover2020-PCB\Projects\BMS\Rev1\CAN_SchDoc		

	1	2	3	4
A				
B				
C				
D				
	1	2	3	4

Add XTAL Connector and
 Battery Balancing Connector,
 CAN Connections, Chip
 Programmer connector

Title Connectors			<div>UW Robotics 200 University Avenue Waterloo Ontario Canada N2L 3G6</div> <div></div>
Size: Letter	Drawn By: Ayesha Ebrahim		
Date: 2020-05-01	Sheet of		
File: C:\Users\ayesh\Documents\GitHub\MarsRover2020-PCB\Projects\BMS\Rev1\Connectors.SchDoc			

A



C

D

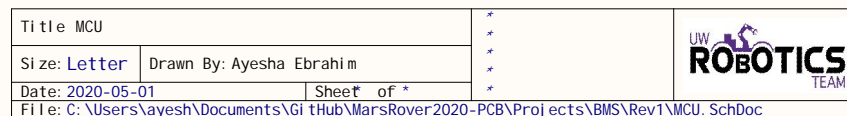
Test Button



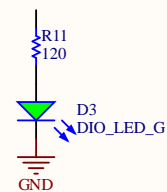
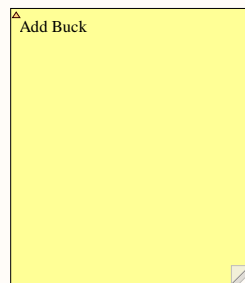
B



D




Battery Voltage to 3V3 Buck @ 1A Max



Current Calculations

Green LED voltage drop: 2.2V
- $I = (3.3 - 2.2V) / 120 = 10.83\text{mA}$

Title: Power		
Size: Letter	Drawn By: Ayesha Ebrahim	
Date: 2020-05-01	Sheet * of *	
File: C:\Users\ayesh\Documents\GitHub\MarsRover2020-PCB\Projects\BMS\Rev1\Power.SchDoc		