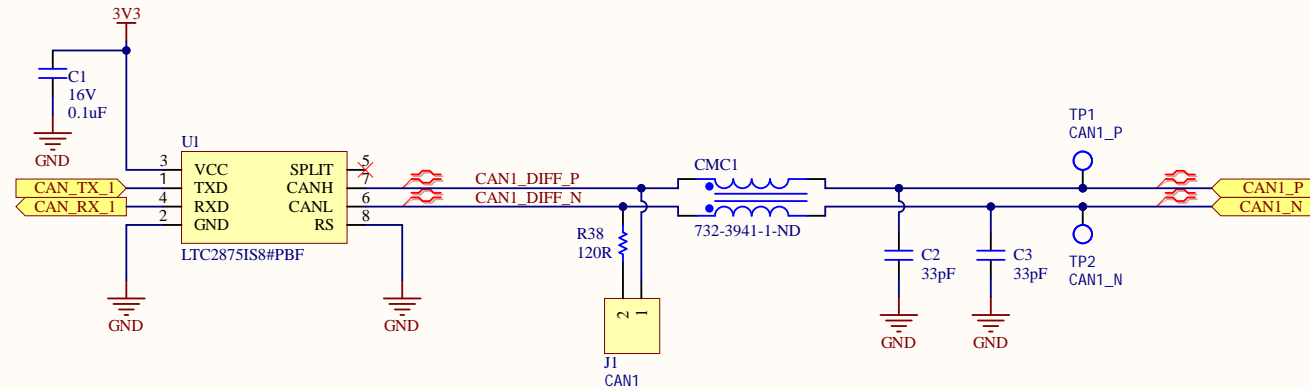
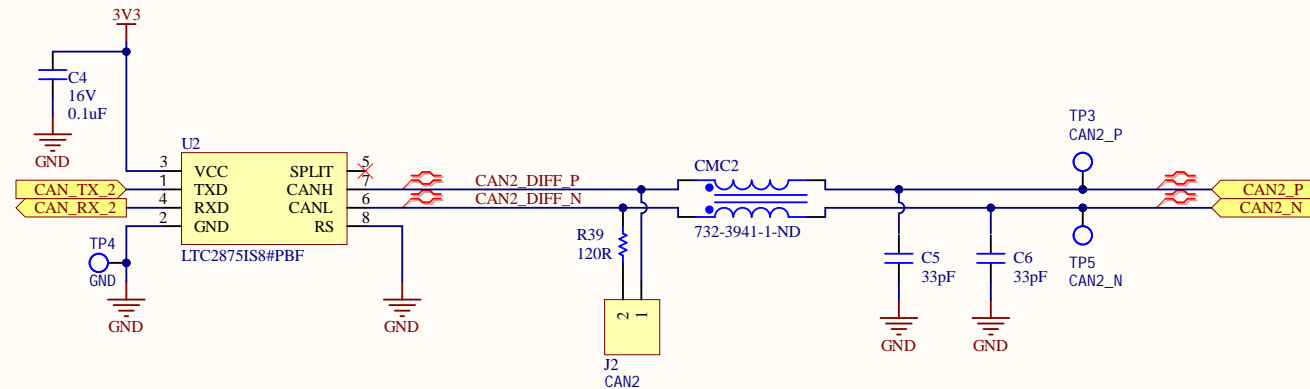


## CAN 1



## CAN 2



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

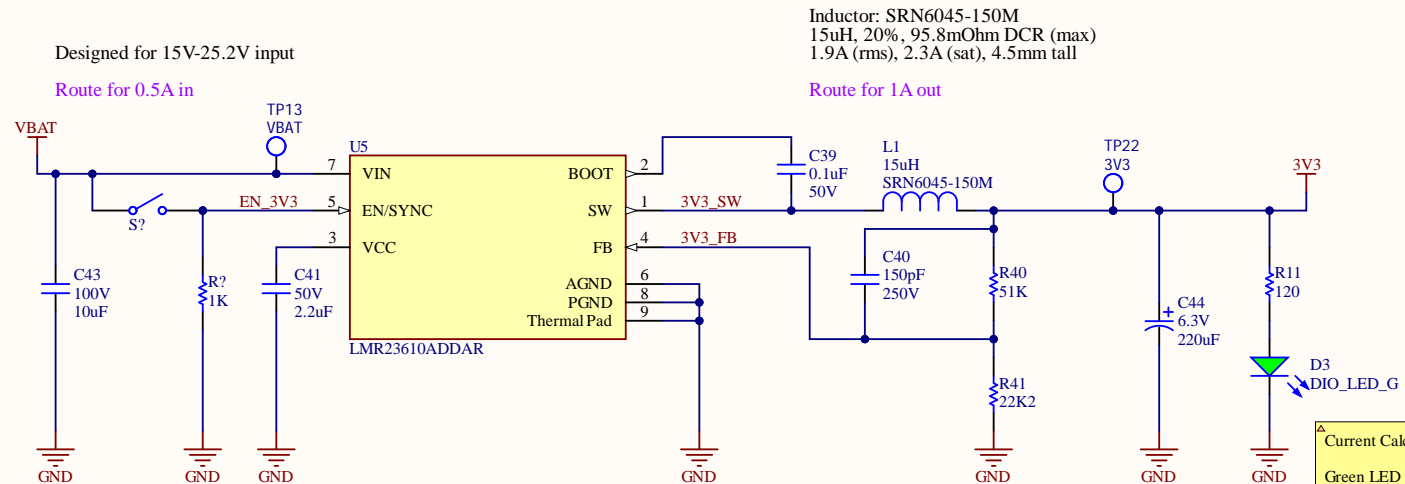


	1	2	3	4
A				
B				
C				
D				
	1	2	3	4

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



# Battery Voltage to 3V3 Buck @ 1A Max



Current Calculations  
Green LED voltage drop: 2.2V  
 $I = (3.3 - 2.2V) / 120 = 10.83mA$

Max expected power on output = 1.65W  
Max current = 0.5A  
Expected Efficiency at 1A > 87.7%