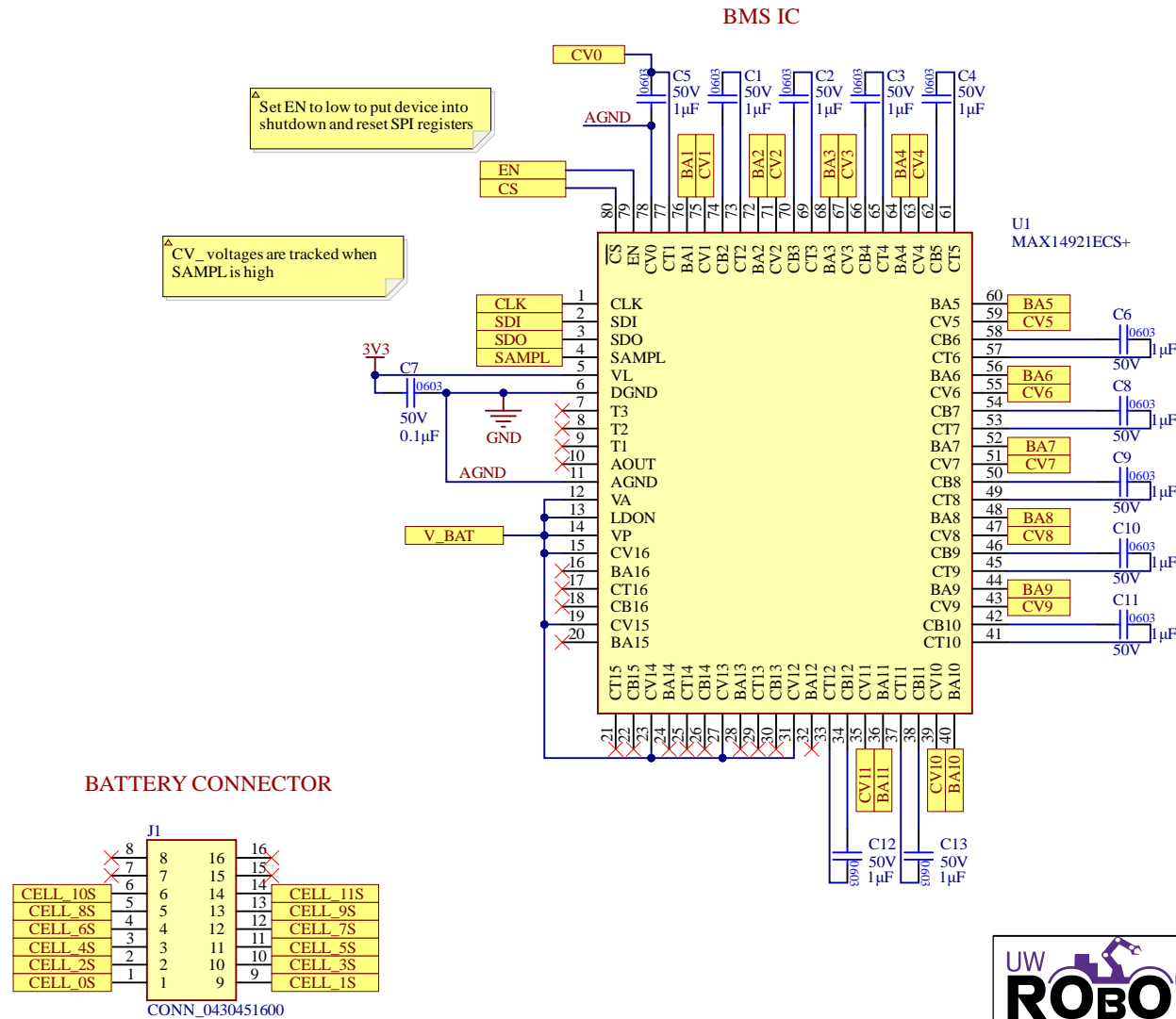

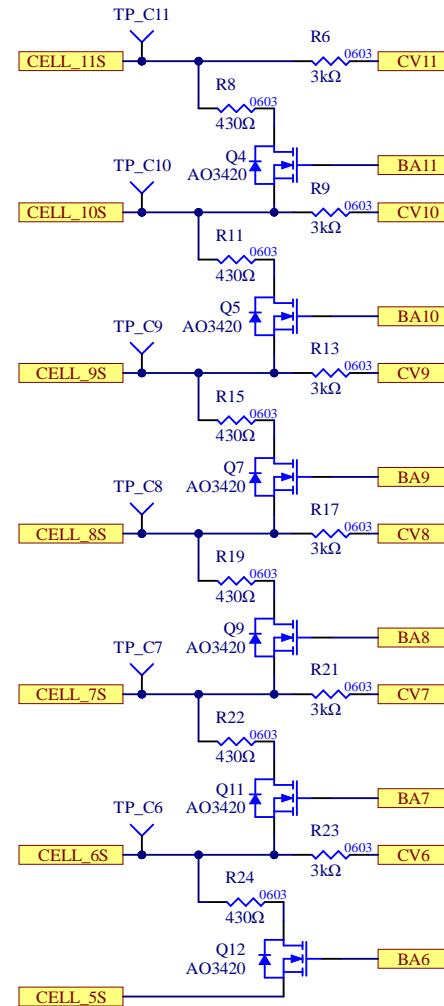
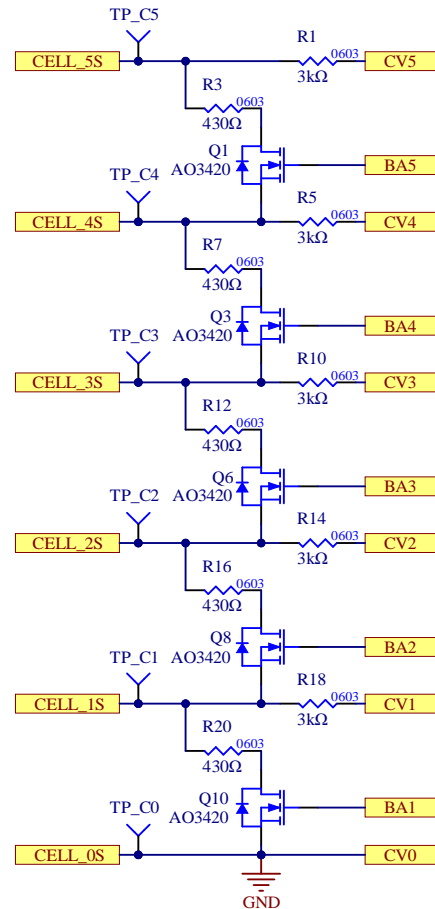


# BMS



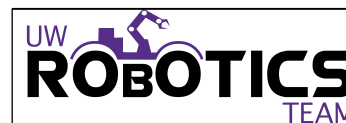
		University of Waterloo Robotics Team 200 University Ave W Waterloo, Ontario, Canada N2L 3G1	REV 2
PROJECT Battery Management System.PrjPcb, [No Variations]			
DOCUMENT BMS.SchDoc		MODIFIED 12/1/2021	
ENGINEER Ari Wasch	REVIEWER *	SHEET 1 OF 2	

# Active Cell Balancing Circuit



$$R_{BAL} = V_{cell} / I$$

$$R_{BAL} = 4.2V \text{ (Max)} / 10mA \text{ (Max)} \approx 430\Omega$$



University of Waterloo Robotics Team  
200 University Ave W  
Waterloo, Ontario, Canada  
N2L 3G1

REV  
2

PROJECT  
Battery Management System.PrjPcb, [No Variations]

DOCUMENT  
BatteryBalancing.SchDoc

ENGINEER  
Ari Wasch

REVIEWER  
\*

MODIFIED  
12/1/2021

SHEET 2 OF 2