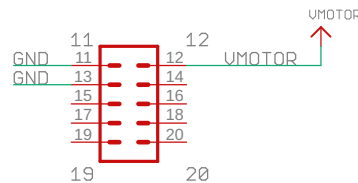
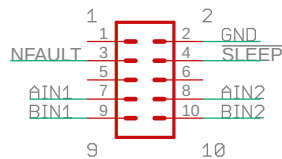


PIN #	ESP32 I/O	Arduino	Function
1	5U	38 (Input Only)	Fault status
3	GPI38	I2C_SCL	
5	GPI025	12	
7	GPI012	27	
9	GPI027		AIN1
			BIN1

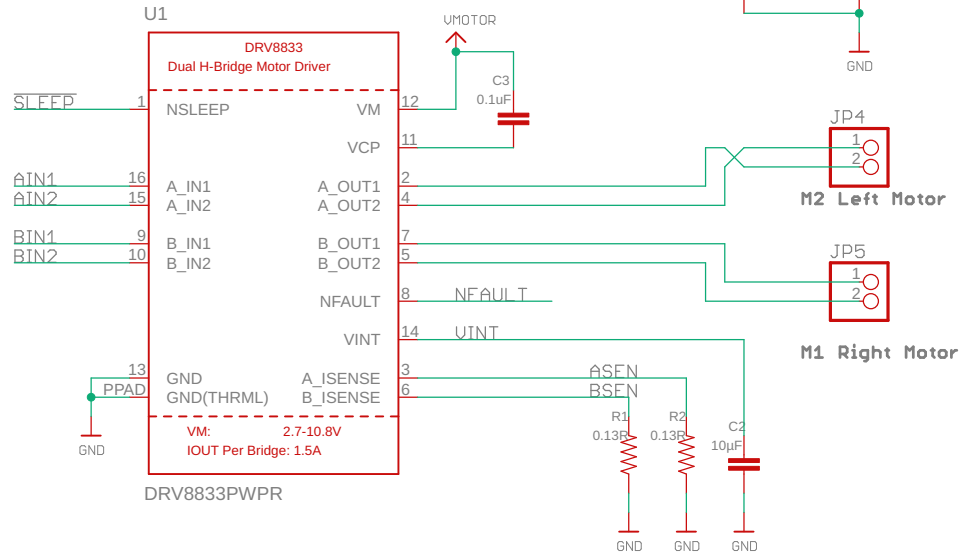
PIN #	ESP32 I/O	Arduino	Function
2	GND	32	Ground Sleep mode SEL
4	GPI032	I2C_SDA	
6	GPI015	13	AIN2
8	GPI013	14	
10	GPI014		

PIN #	SX1509 IO	Arduino	Function
11	GND		Ground Ground
13	GND		
15	I010	EXTENDER_PIN<10>	
17	I012	EXTENDER_PIN<12>	
19	I014	EXTENDER_PIN<14>	

PIN #	SX1509 IO	Arduino	Function
12	UBAT		Motor Supply
14	3.3V		
16	I011	EXTENDER_PIN<11>	
18	I013	EXTENDER_PIN<13>	
20	I015	EXTENDER_PIN<15>	



Sleep has internal pulldown  
(= disabled by default)



Jumper R1 and R2 if current sense resistors not used  
 0.13 ohm = 1.5A current limit  
 ICHOP = (0.2V / RSENSE)

INFO:

RCcar\_shield\_v1.2  
 02/09/2024 10:24 am  
 Sheet: 1/1