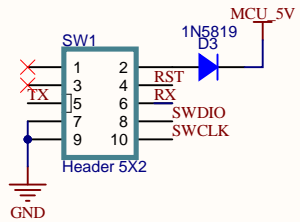
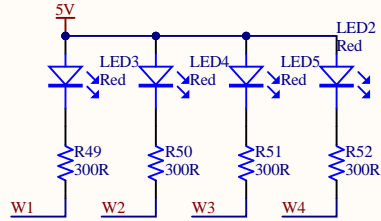


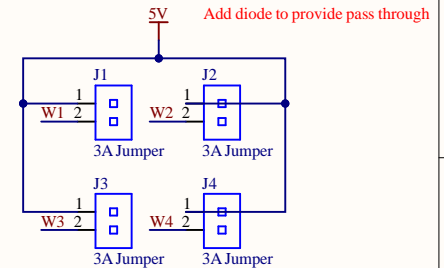
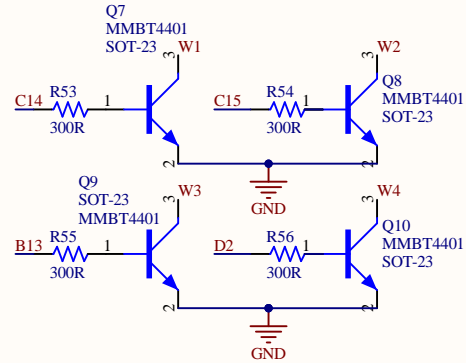
Debug&Download



Wins Indicator

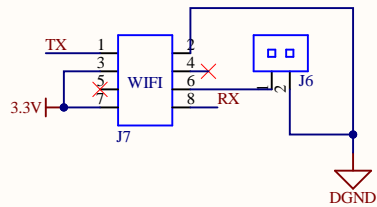


Wins control

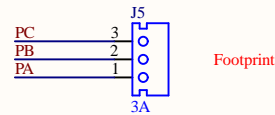


ESP8266

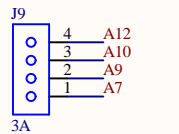
PD: Flash boot
Float: UART Download



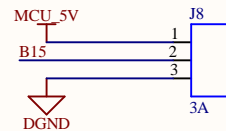
Motor connector



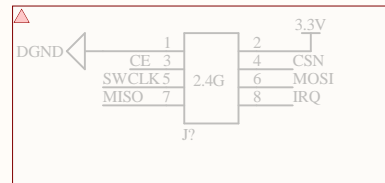
Step motor



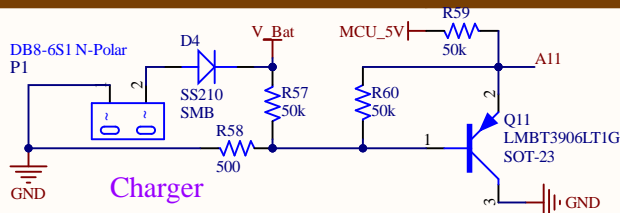
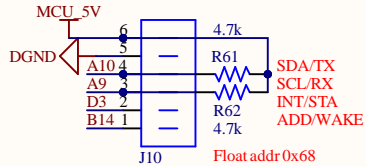
WS2812



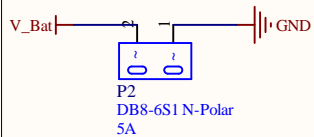
2.4G



MPU6050/BT



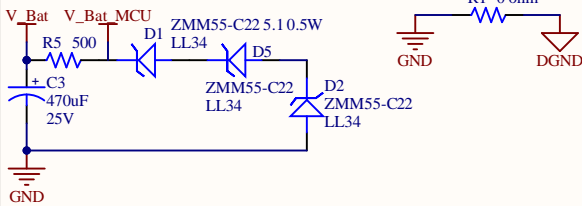
Bat connector



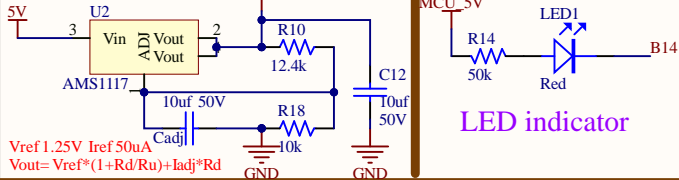
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Date: 6/2/2023	Time: 8:52:23 AM	Sheet of		
File: C:\Users\kzhou\Desktop\RF projects\Git\AD-project\BLDC controller\PCB project\Connector.SchDoc				

Power

8.1-12.6V
3s1p Li-ion bat pack



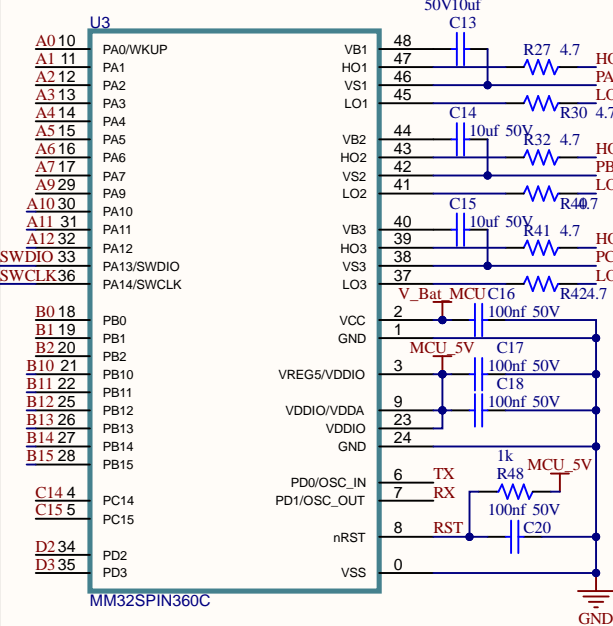
3.3V



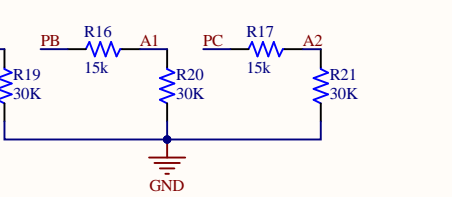
LED indicator



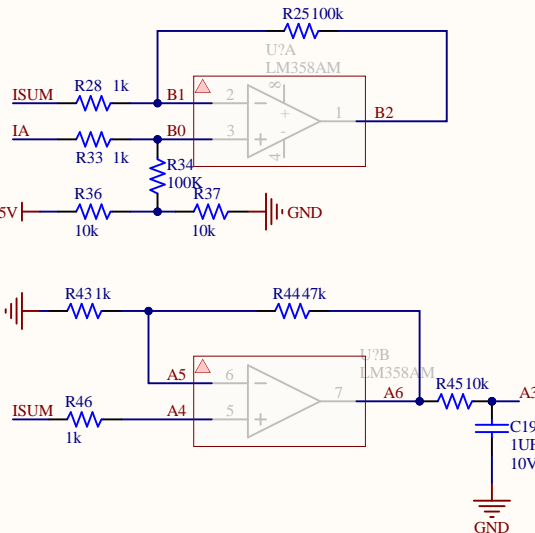
MCU



BEMF Detection

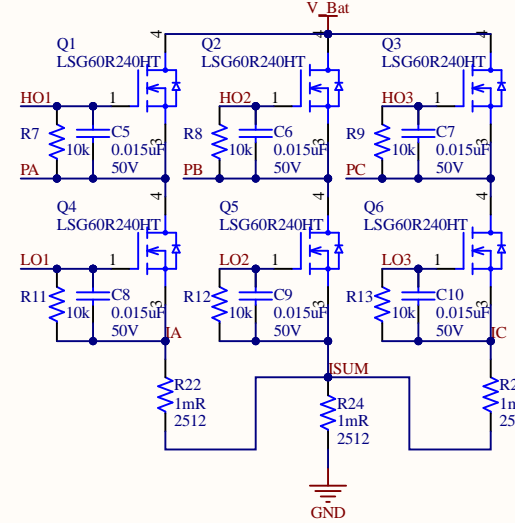


Current sampling



Motor Driver

30V 100A
5.5m ohm @Vgs 10V Vgs_th = 3V 20V max
100A



Title			Radio Flyer inc	
Size: A4	Number:	Revision:	West Chicago	
Date: 6/2/2023	Time: 8:52:23 AM	Sheet of	Cannot open file C:\Users\kzhou\Desktop\45e02c 722decfa16cbfd1f491fe444f.png.	
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