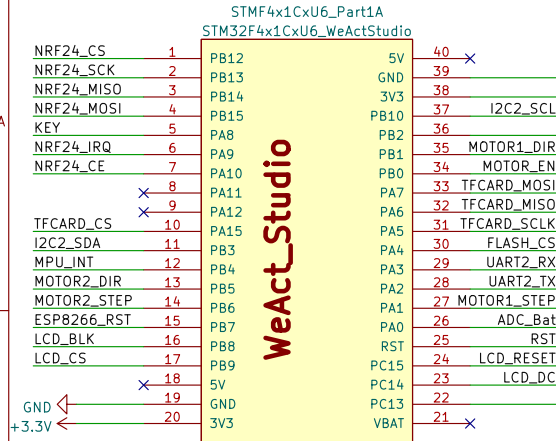
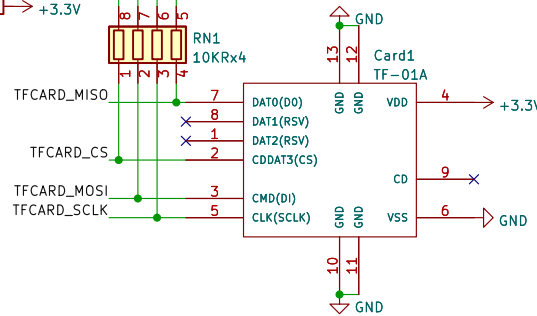


STM32F4核心板

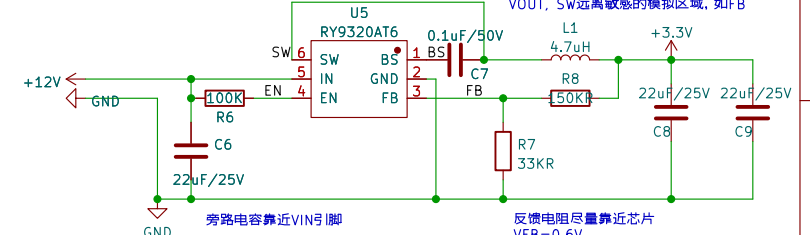


SD卡



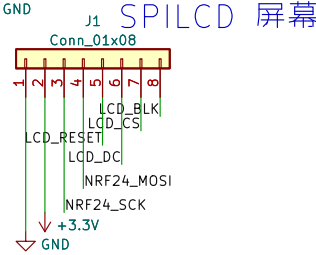
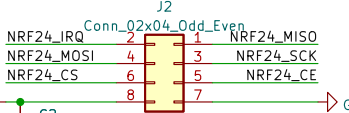
ESP8266

3.3V DC-DC

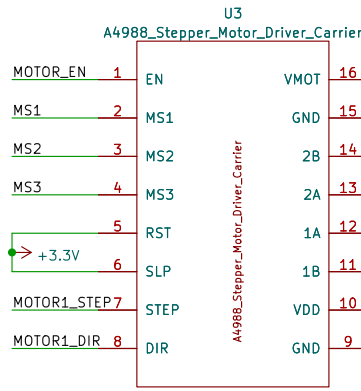
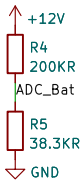


3S锂电池输入

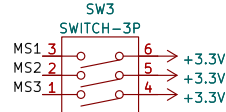
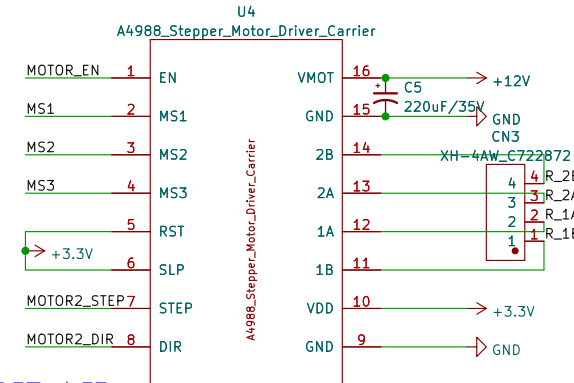
将IN、SW、特别是GND分别连接到一个大的铜区域，对芯片进行冷却，以提高散热性能和长期可靠性。



电池电压检测

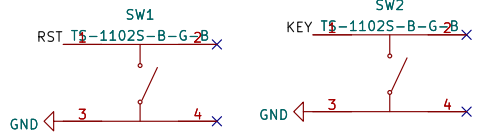


两路步进电机驱动器

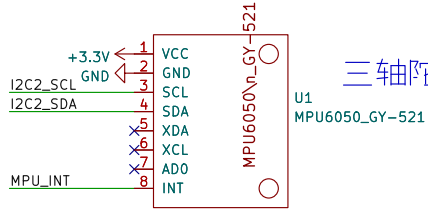


悬空等于接地

用户按键



三轴陀螺仪



模块的i2c引脚已经内置了上拉电阻
AD0引脚已经默认下拉
I2C从机的7位地址：0x68

Sheet: /		
File: 2022-09-20-stm32F4_balance_car.kicad_sch		
Title:		
Size: A4	Date: 2022-09-20	Rev:
KiCad E.D.A. kicad (6.0.8)	Id: 1/1	