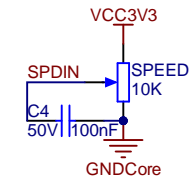
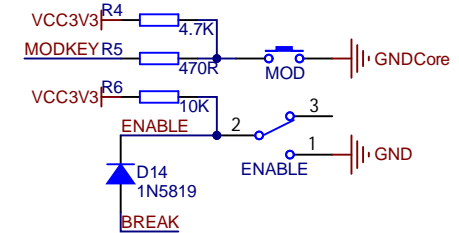


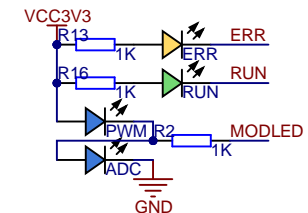
调速旋钮



模式切换按键&使能开关



信号指示灯



单片机与调试口

(可与单车主控共用, 本板自带单片机仅为方便调试)

Title: 无刷电调-Infineon_控制

Size: A4 Author: 猫肆管 Revision: 1.32

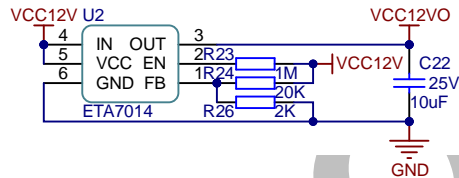
Date: 2021/12/29 Time: 20:17:45 Sheet: 1 of: 3

成都逐飞科技

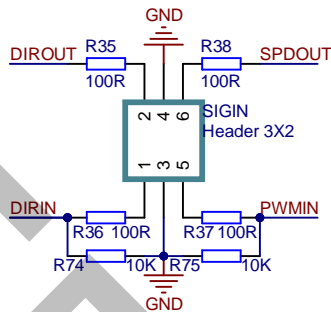


过压保护电路

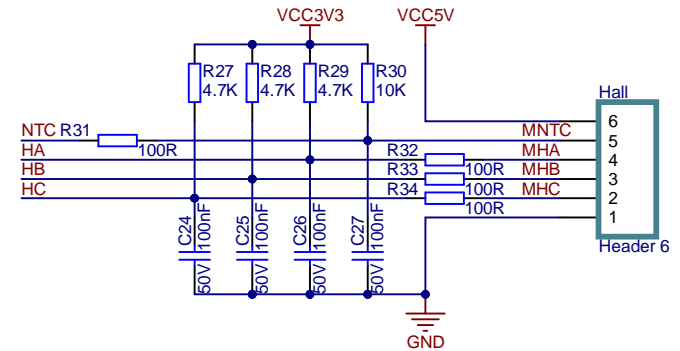
(仅保护控制部分)



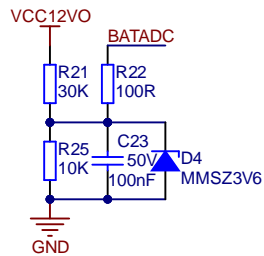
信号输入输出接口



霍尔及温控接口

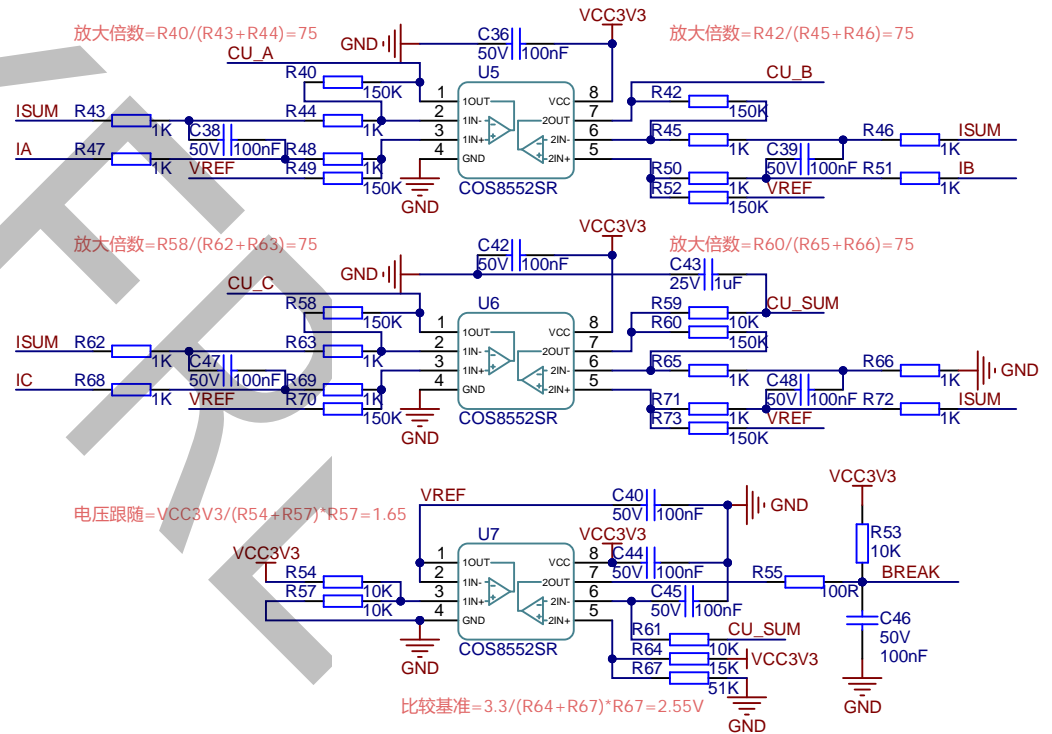


电源电压监测

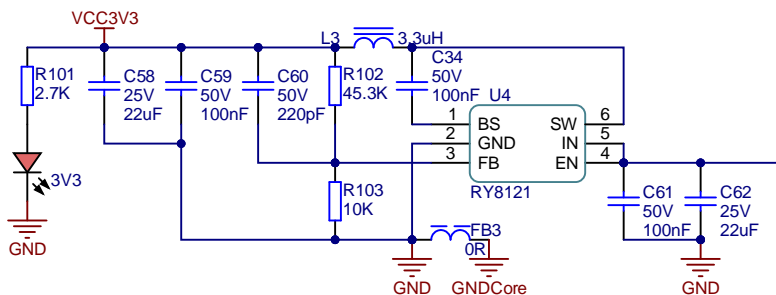
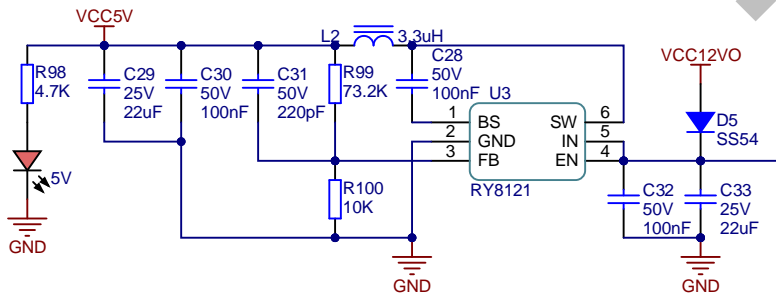


电流放大

(采样放大倍数需按电机参数进行选择)



5V&3.3V电源



Title: 无刷电调-Infineon_接口

Size: A4 Author: 猫肆管

Revision: 1.32

成都逐飞科技

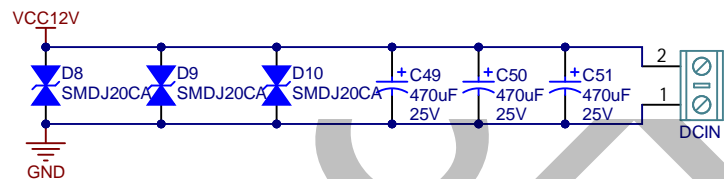


Date: 2021/12/29

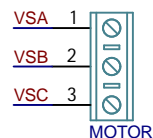
Time: 20:17:45

Sheet: 2 of: 3

TVS及电容

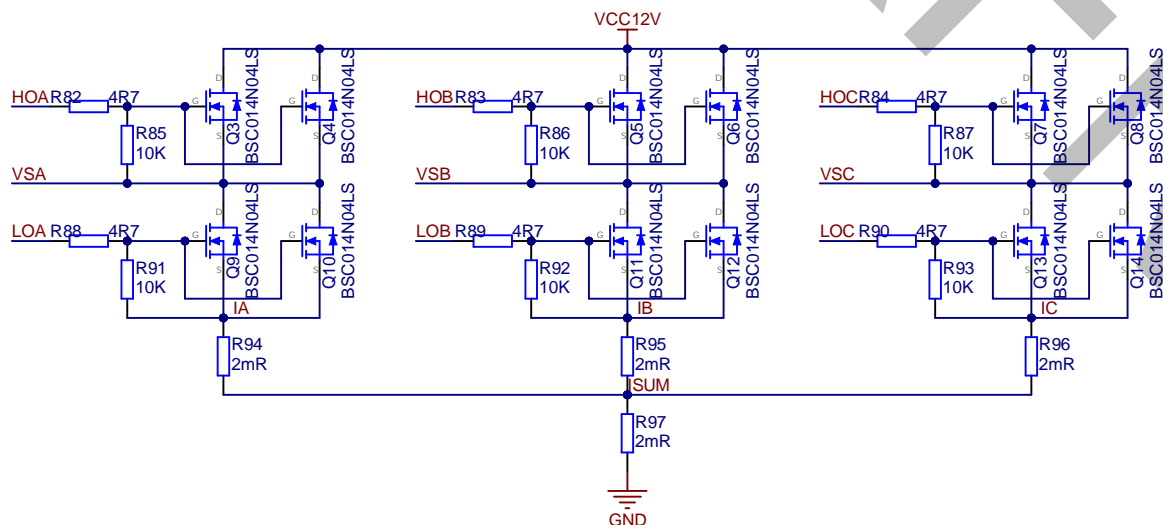


电机接口

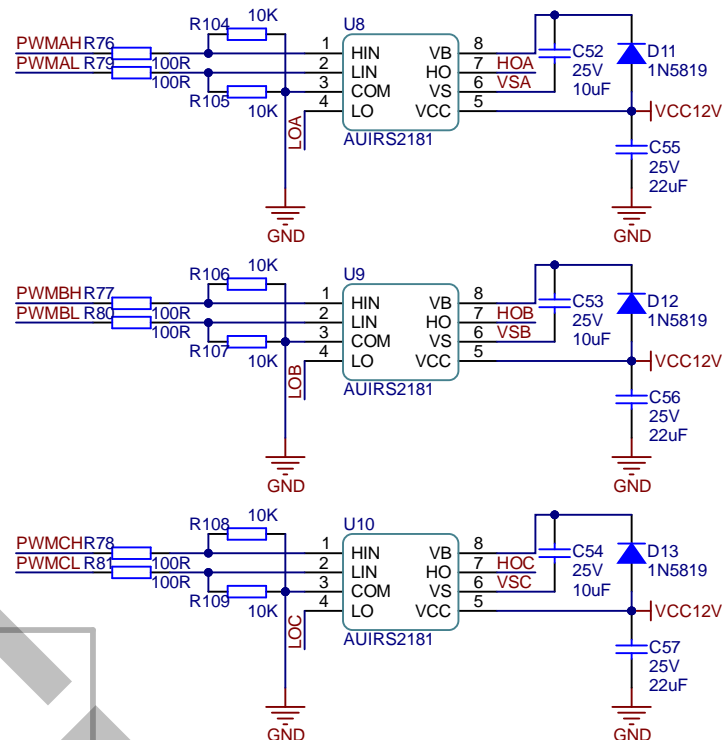


MOSFET

(MOS与采样电阻需按电机参数进行选择)



MOS预驱



特别说明:

该开源项目仅用于各参赛同学在设计自己的小车时进行参考, 硬件和软件均不能够直接考本使用在自己的作品中, 请大家参考学习后重新完成硬件和软件的设计制作。

Title: 无刷电调-Infineon_功率

Size: A4

Author: 猫肆管

Revision: 1.32

成都逐飞科技



Date: 2021/12/29

Time: 20:17:45

Sheet: 3 of: 3