

**BIGTREE TECH**



**MANITA**

**M8P**

SCH.

Blockdiagram

1.

CM4

2.

Endstop

3.

EXP

4.

MCU

5.

MOS

6.

Motor

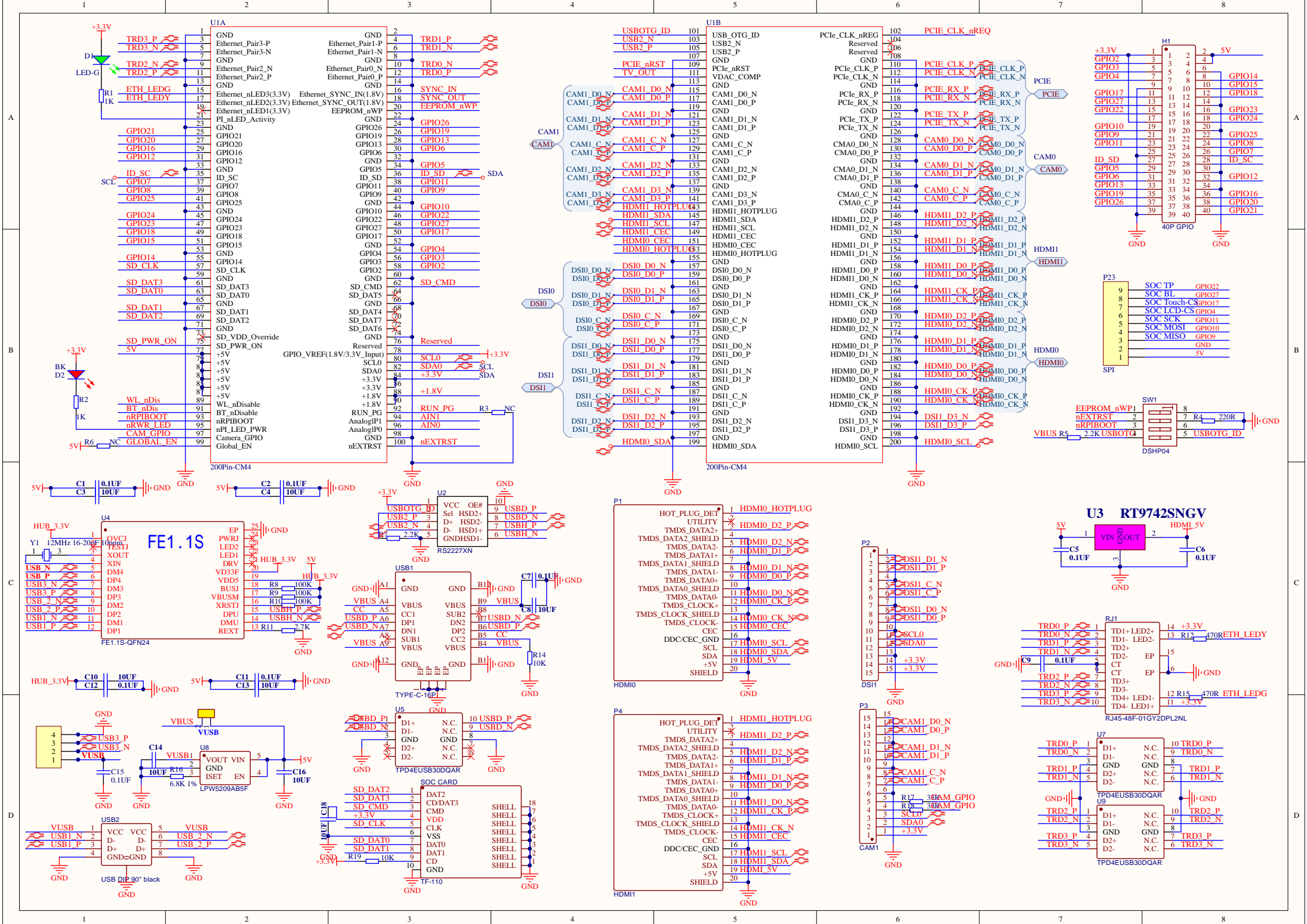
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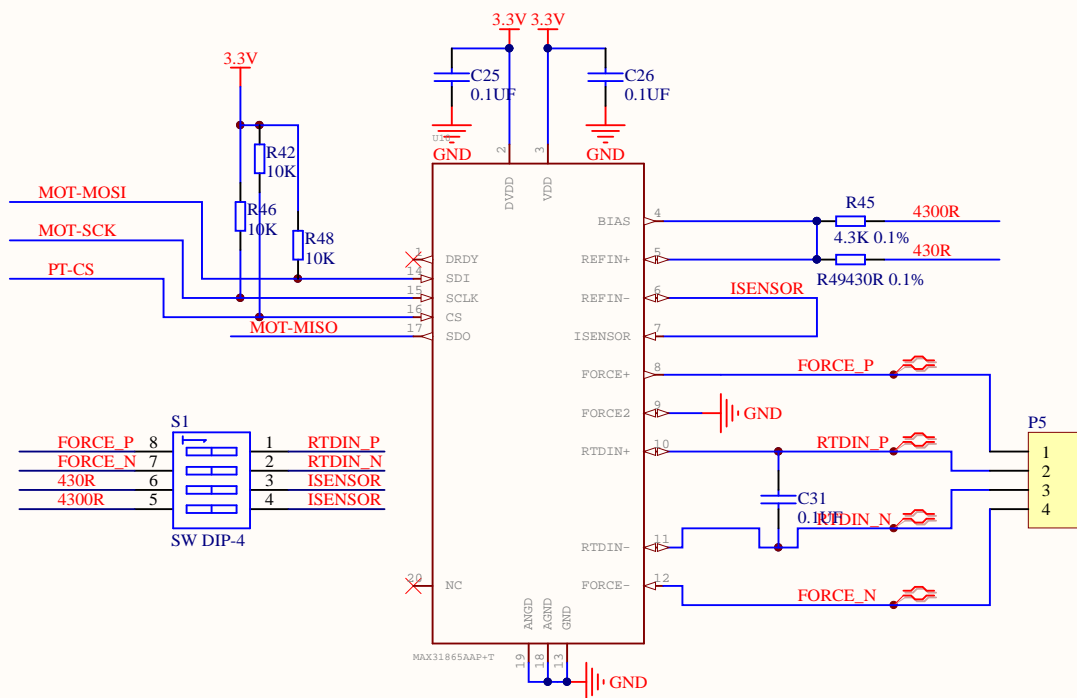
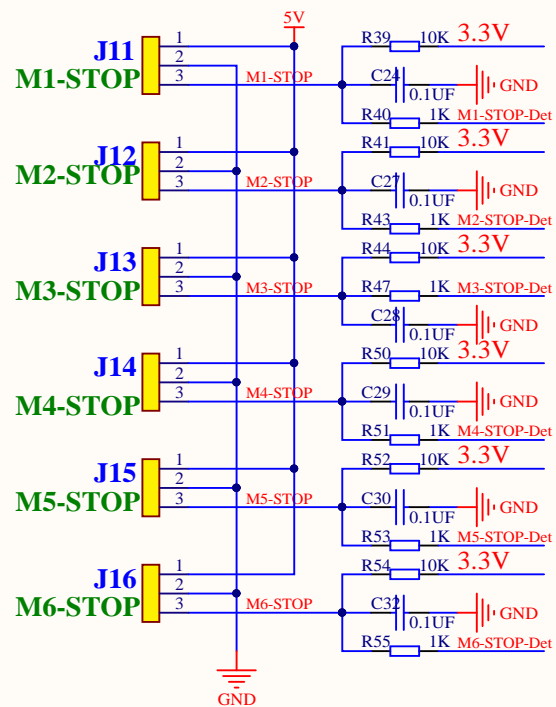
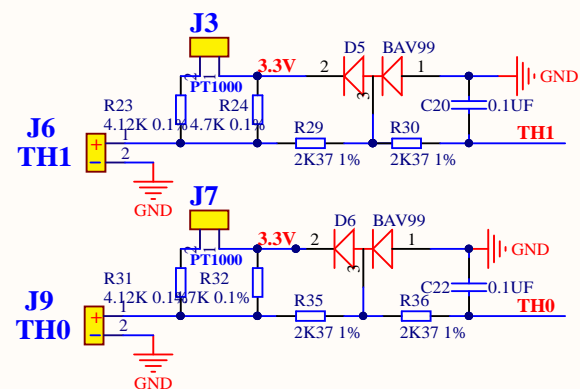
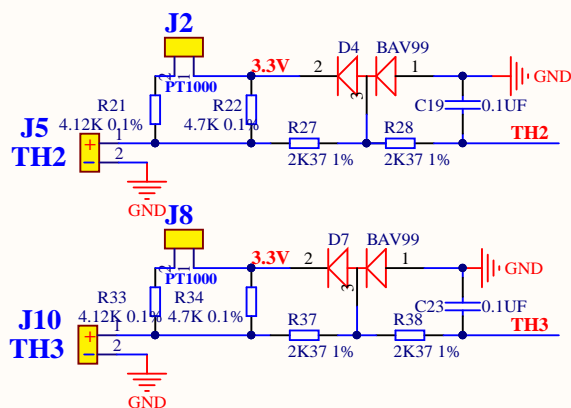
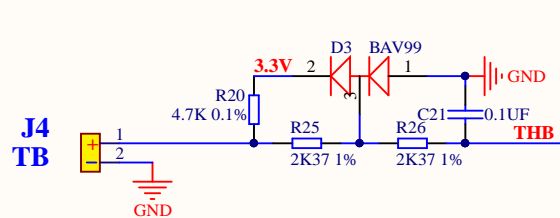
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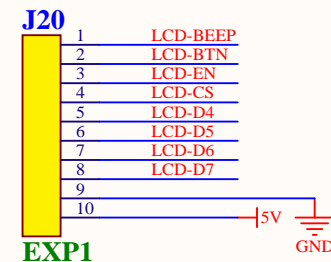
Version.

Version









1

2

3

4

A

A

B

B

C

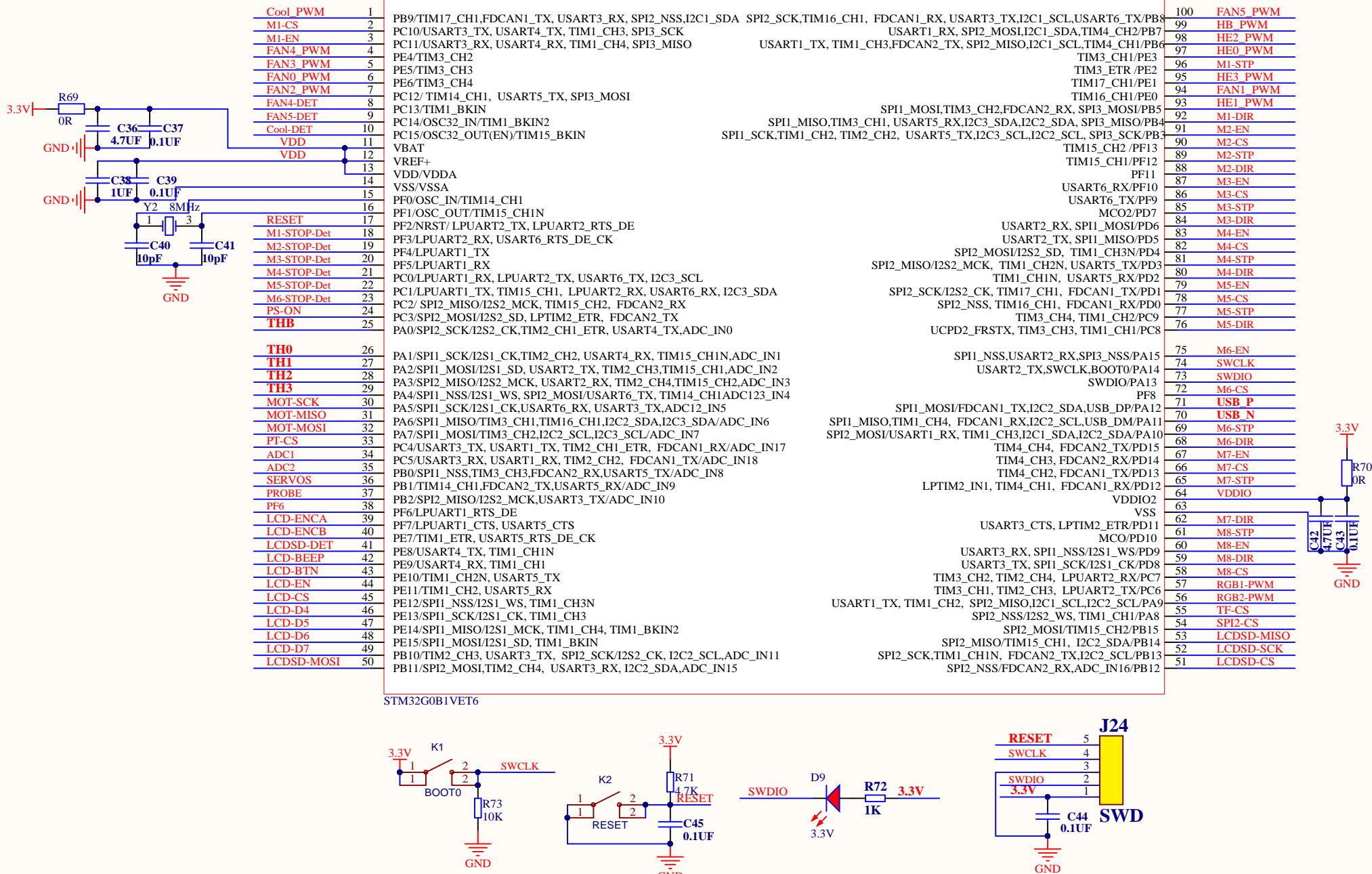
C

D

D

U14

STM32G0B1VET6

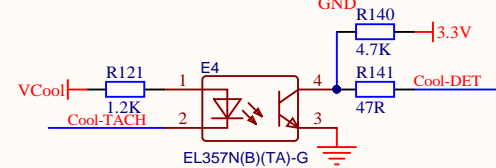
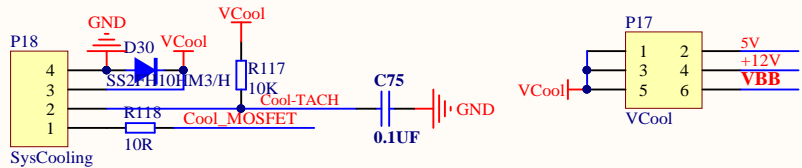
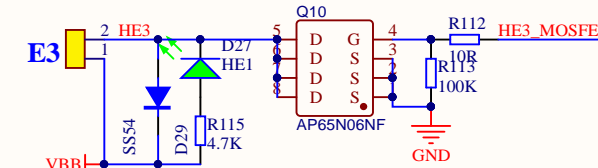
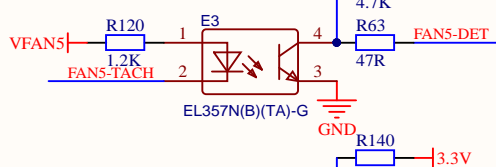
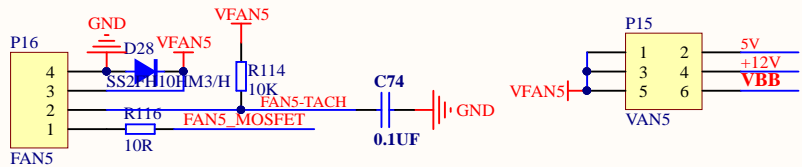
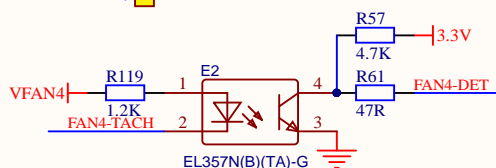
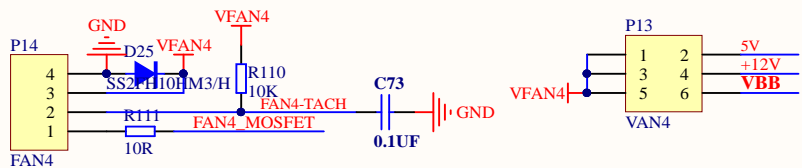
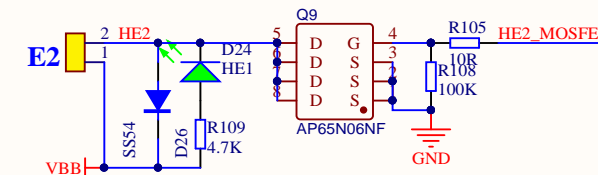
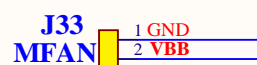
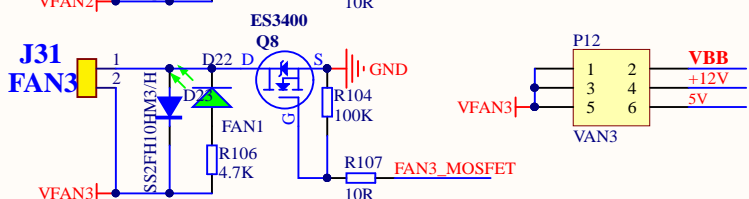
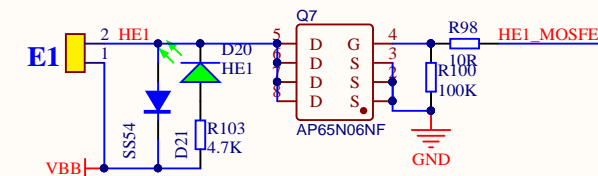
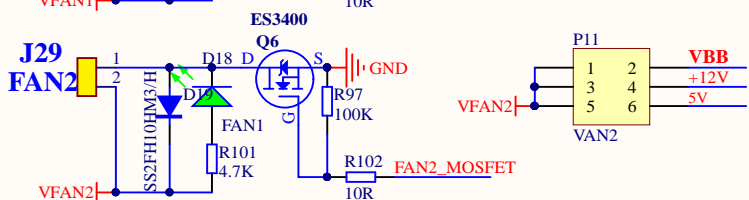
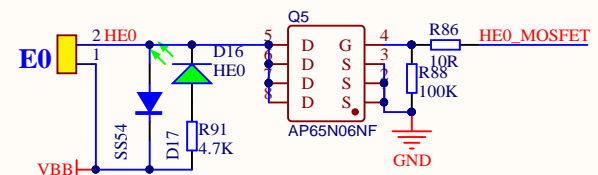
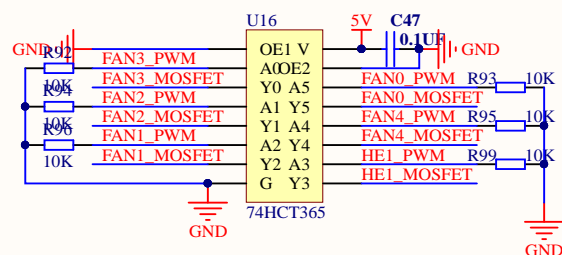
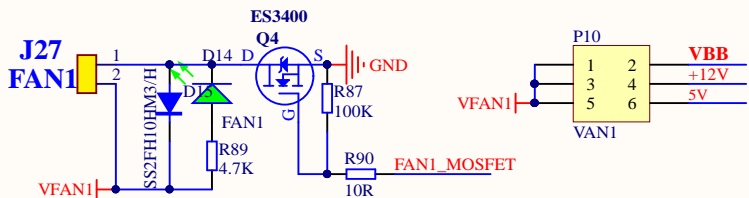
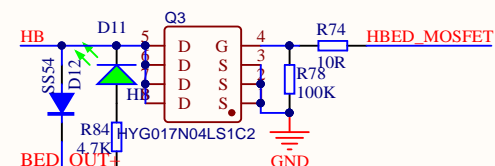
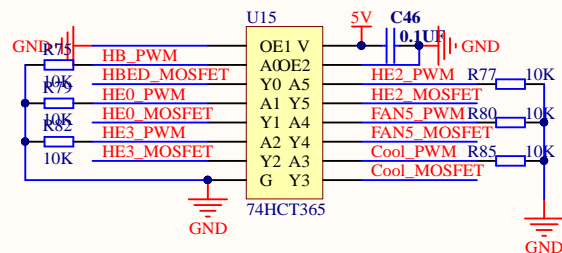
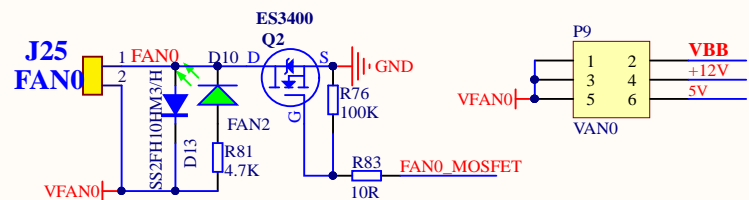


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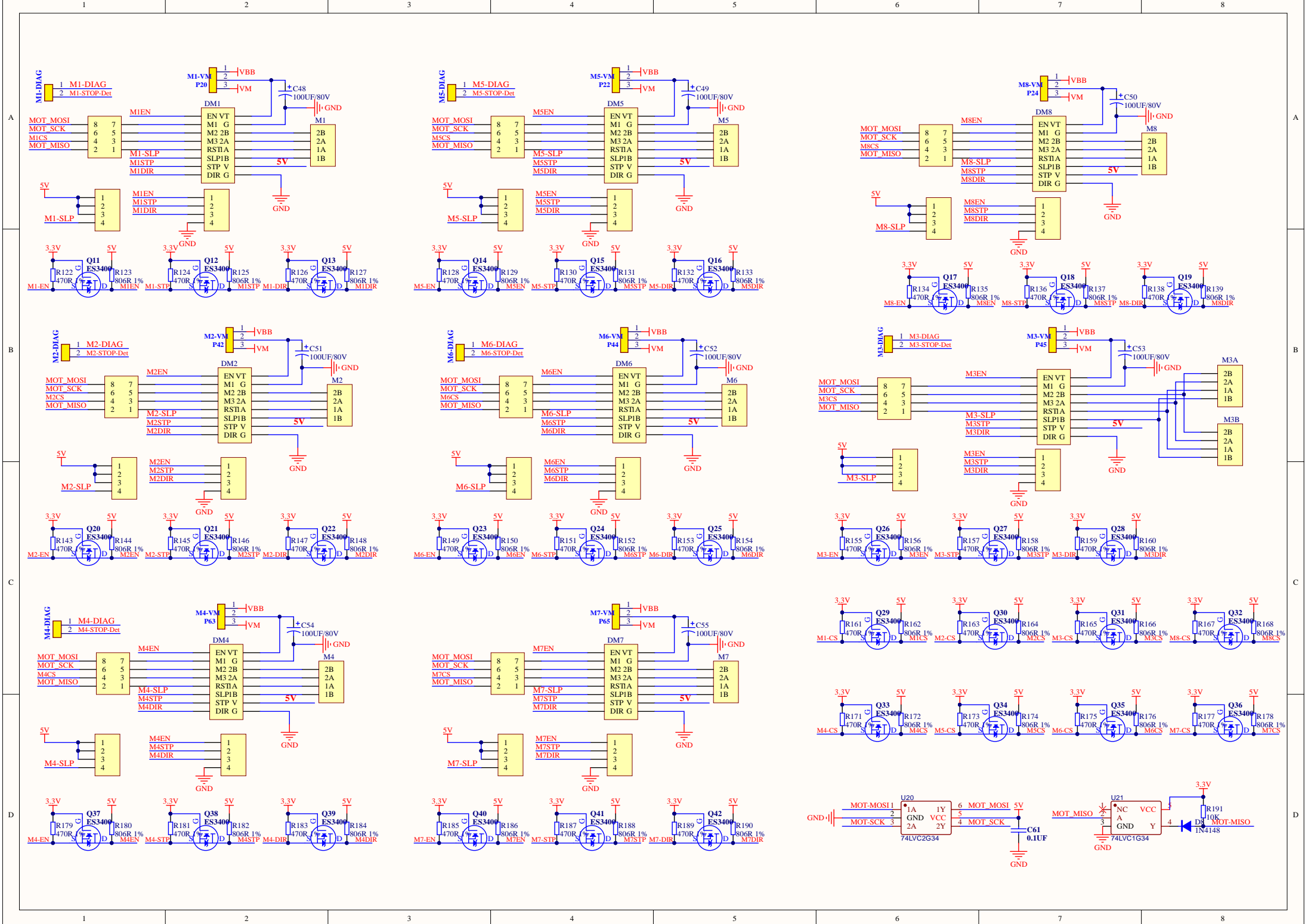
1

2

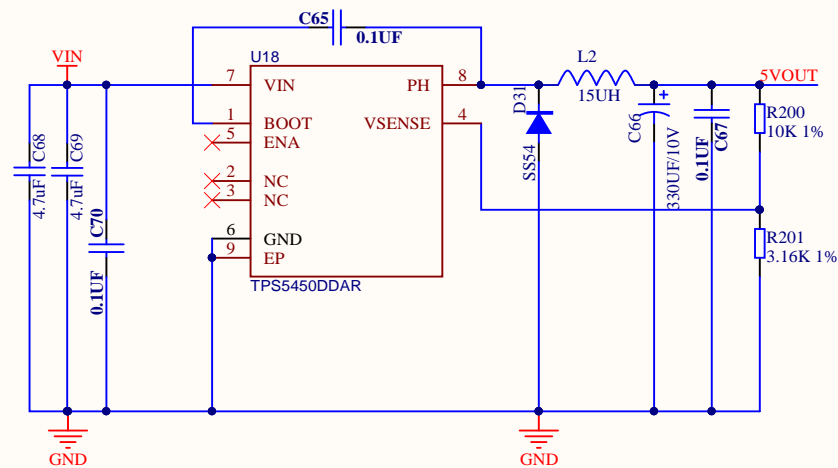
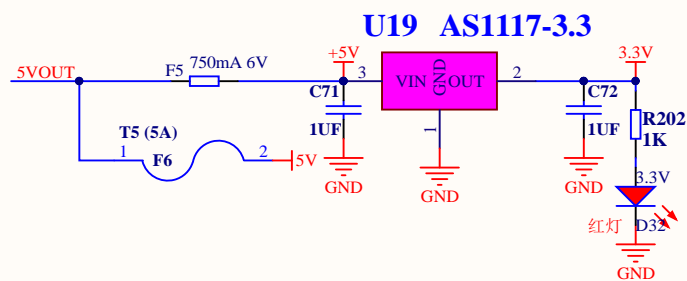
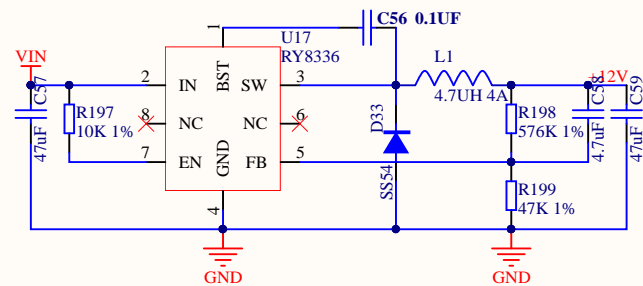
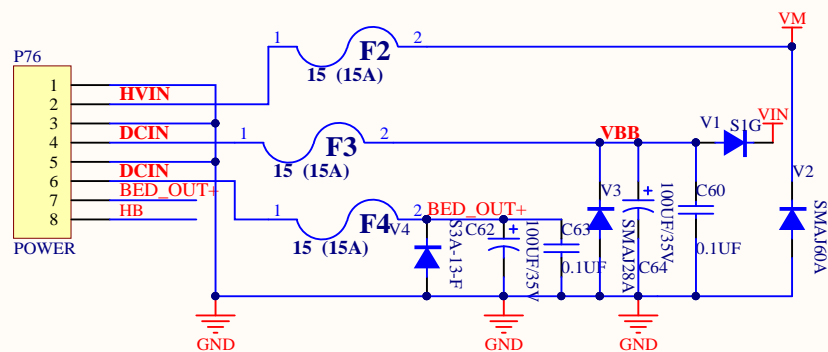
3

4









# Revision History

Version	Date	Author	Change Note
V1.0	2022.05.24	Byron JK	1.驱动*8-可高压，加热棒*4，热床*1，常开风扇*2，4线数控风扇*2-电压可选，2线风扇*4-电压可选，NTC100K*5，MAX31865*1； 2.主控STM32G0B1VET6，EndStop*6，线径检测，断电续打，打完关机，LCD屏接口，TF卡，BLtouch，RGB*2，CAN，水冷*1； 3.DSL,CAM,USB2.0*2,HDMI*2,RJ45,40Pin-IO系统卡槽,SPI屏接口；
V1.0	2022.06.02	Byron JK	1.删除SWCLK用作MicroSD卡检测； 2.将多余的IO接口更换成接近开关接口； 3.加热棒HE1和Cool-PWM信号线更换O； 4.VREF+连接到VDD； 5.SWCLK和SWDIO复用于电机信号，原电机信号做UART口； 6.驱动SPI隔离使用芯片隔离方式； 7.四线风扇测速脚外电路增加光耦隔离；
V1.0	2022.06.16 第一批试产	Byron JK	1.删除TFT接口，将Motor8的IO更换为第一版本EN-PD9 DIR-PD&； 2.状态指示灯IO换回之前的SWDIO（PA13）； 3.更换SPI隔离芯片，74LVC1G34（MISO）+74LVC2G34（MOSI，SCK）；