

野火_F103电机驱动控制板_原理图_V0.1

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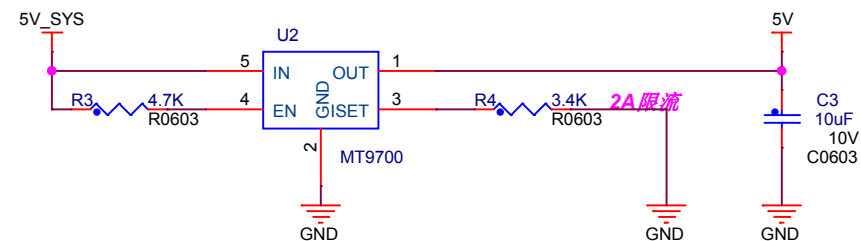
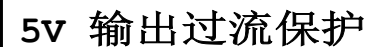
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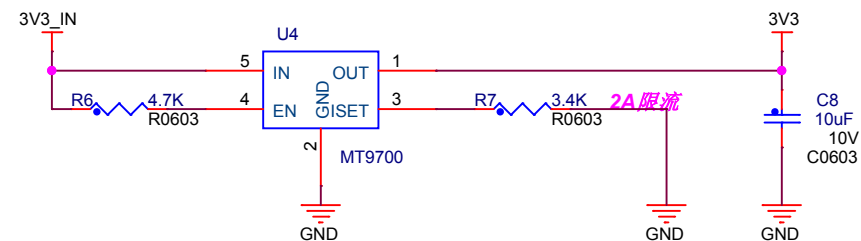
历史版本

版本号	日期	设计	描述
V0.1	2020-07-28	xgh	初始版本
V0.1	2020-10-10	xgh	整理对外发布，稳定版

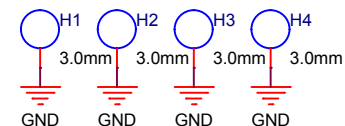
A



3.3V 输出过流保护



定位孔



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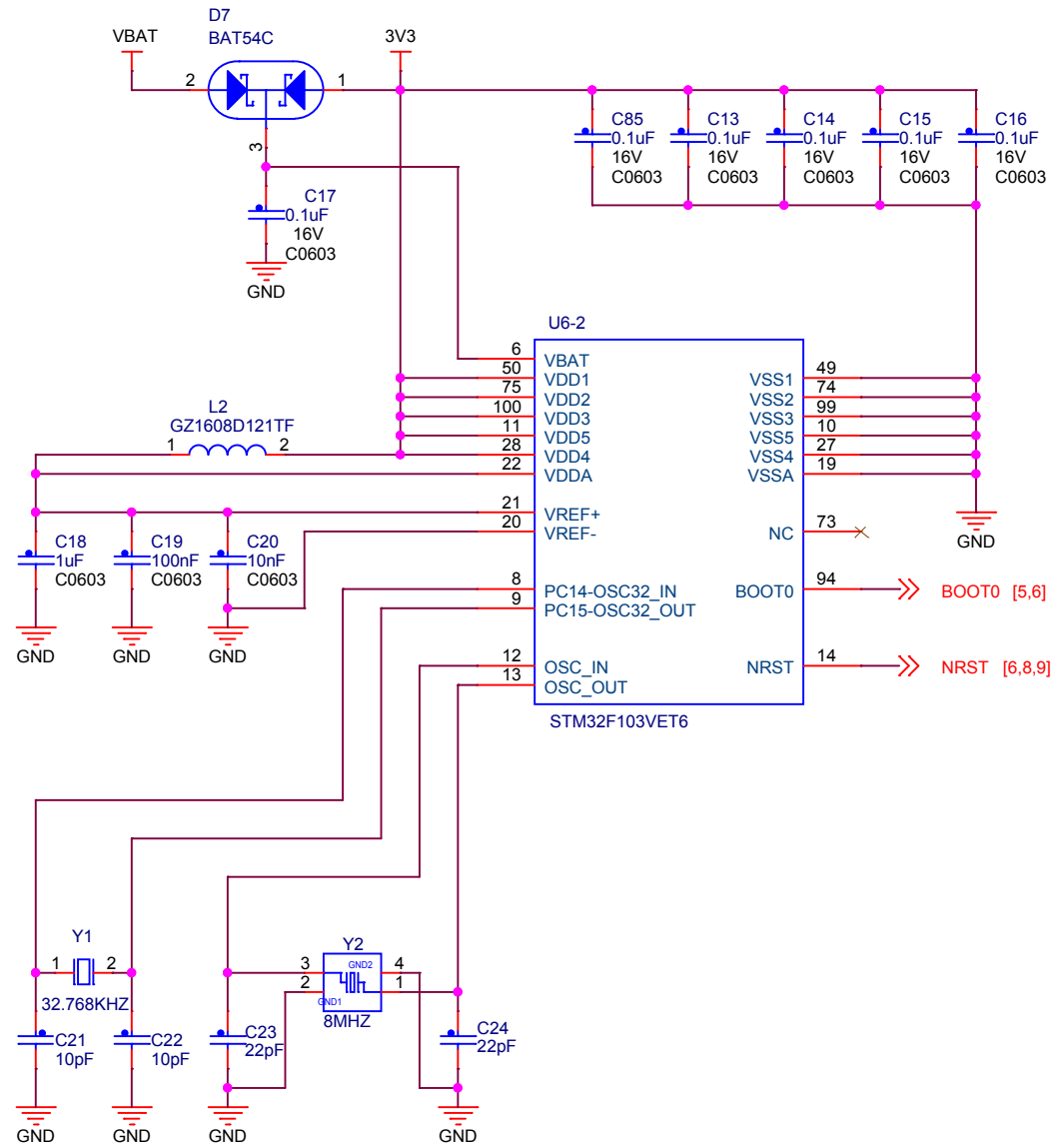
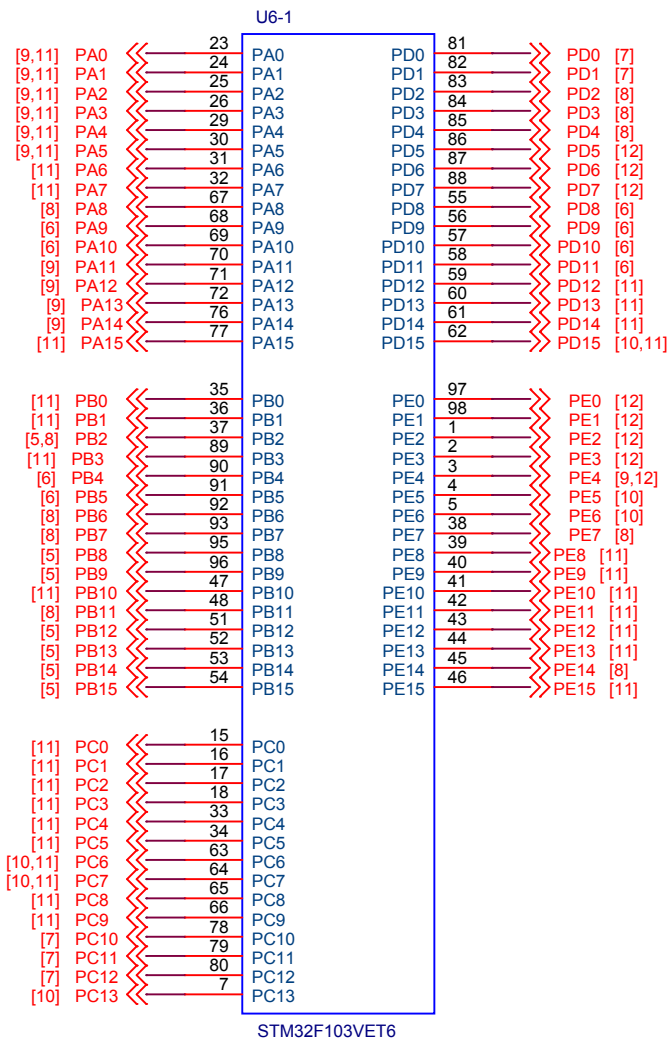
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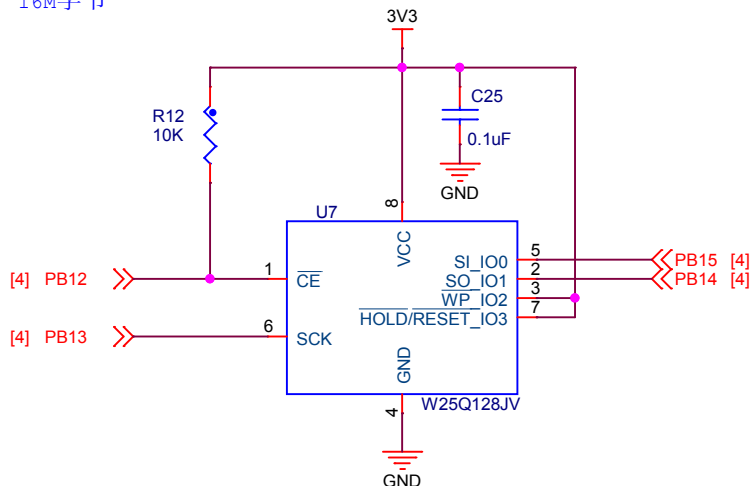
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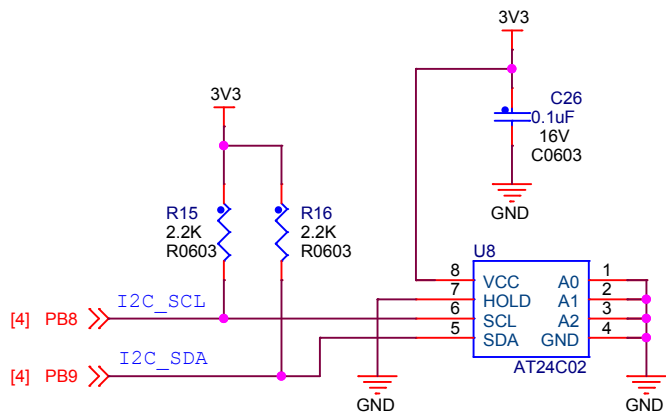
SPI_FLASH

容量: 16M字节



EEPROM

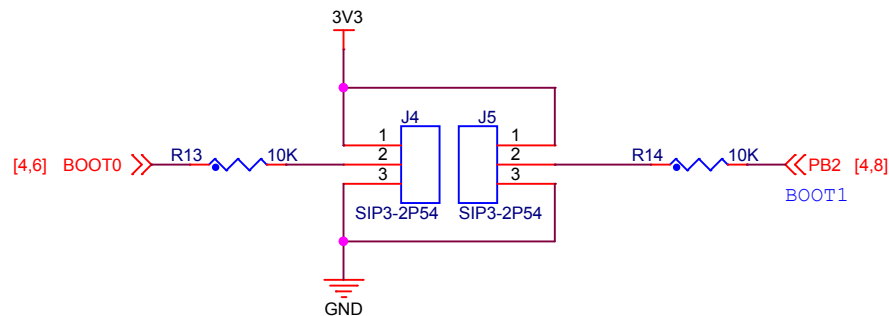
容量: 256字节



设置启动模式

F103 BOOT设置

BOOT0	BOOT1	启动方式
0	X	用户闪存
1	0	系统存储器/ISP
1	1	内嵌SRAM
默认配置是用户闪存（即内部Flash）		



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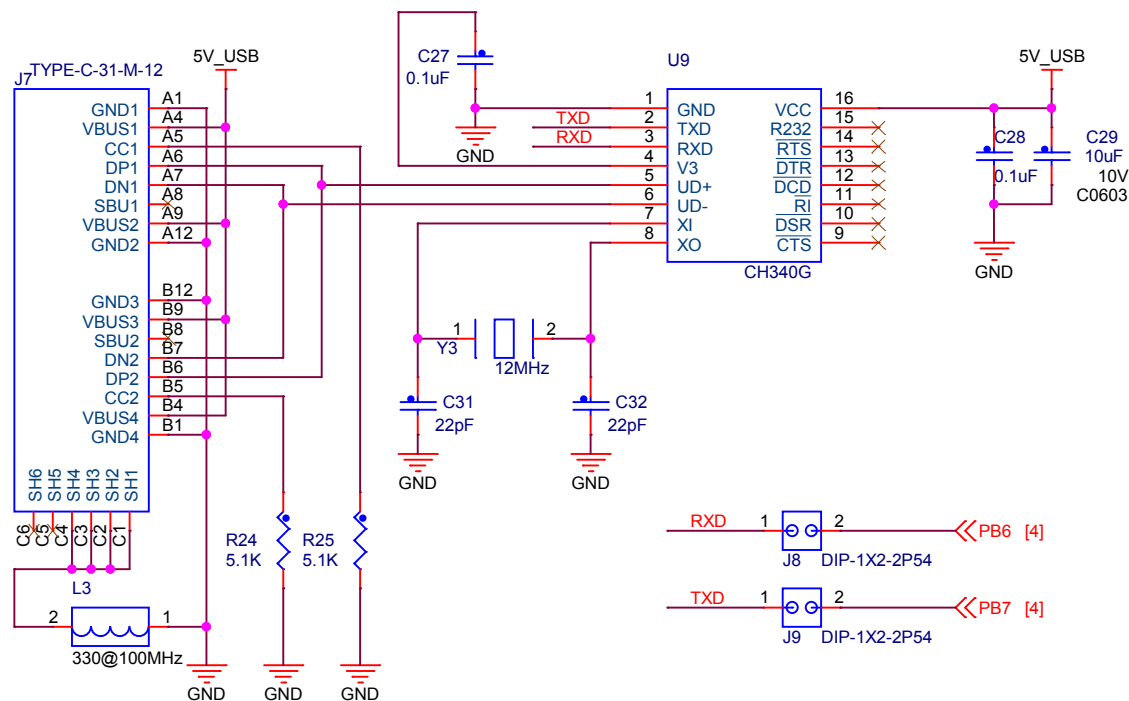
FLASH/EEPROM/BOOT

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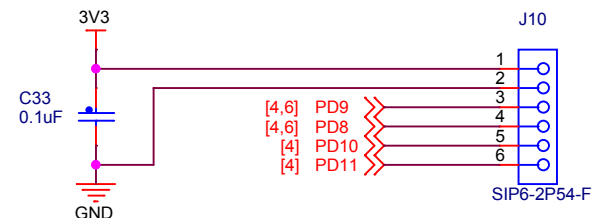
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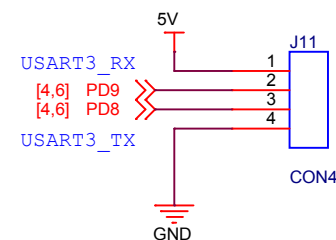
USB转串口



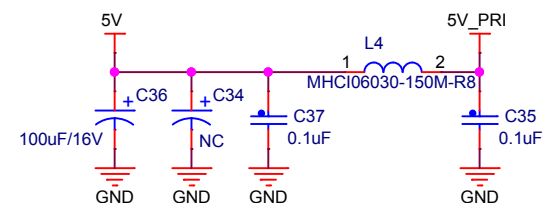
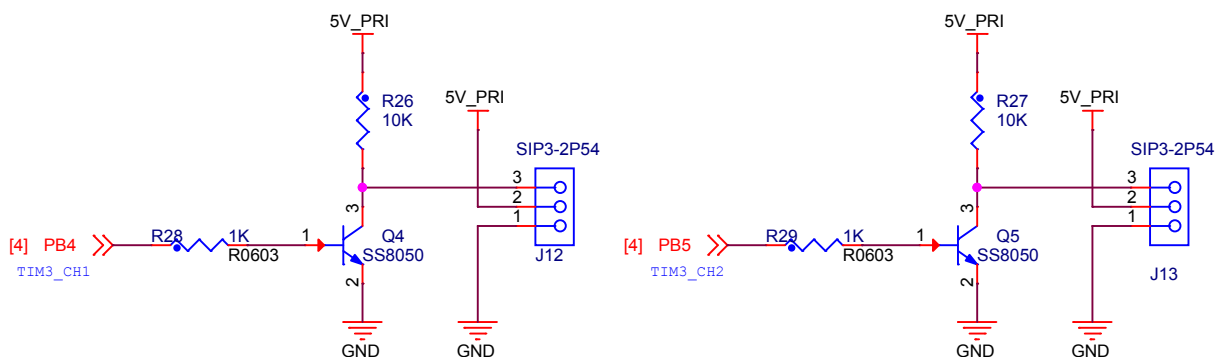
EBF-Module



串口屏接口



舵机驱动接口



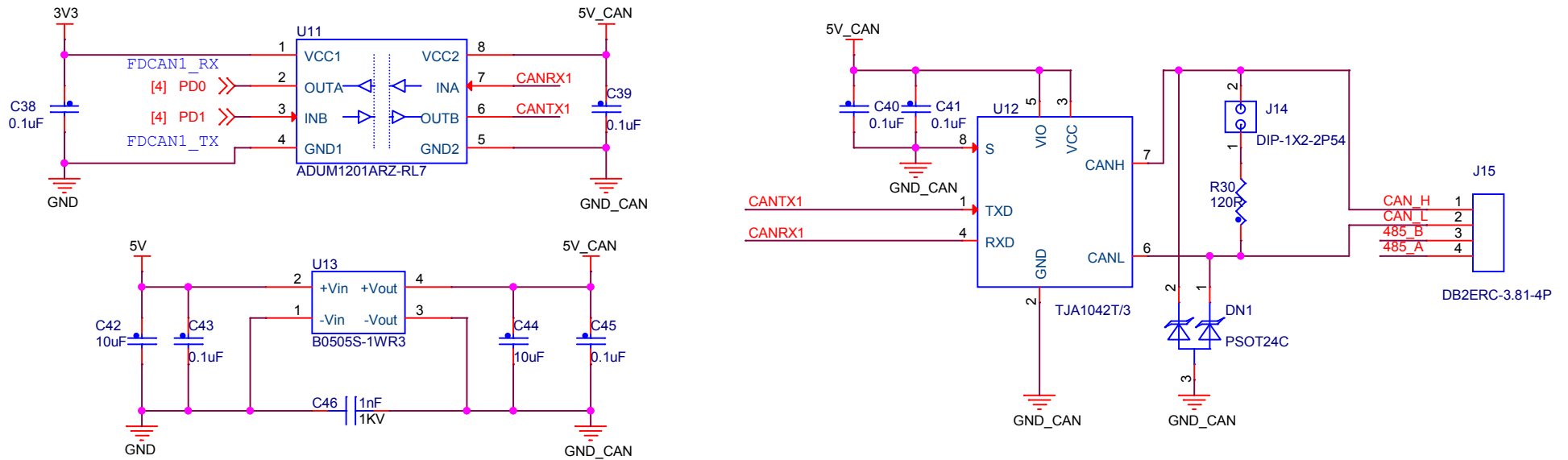
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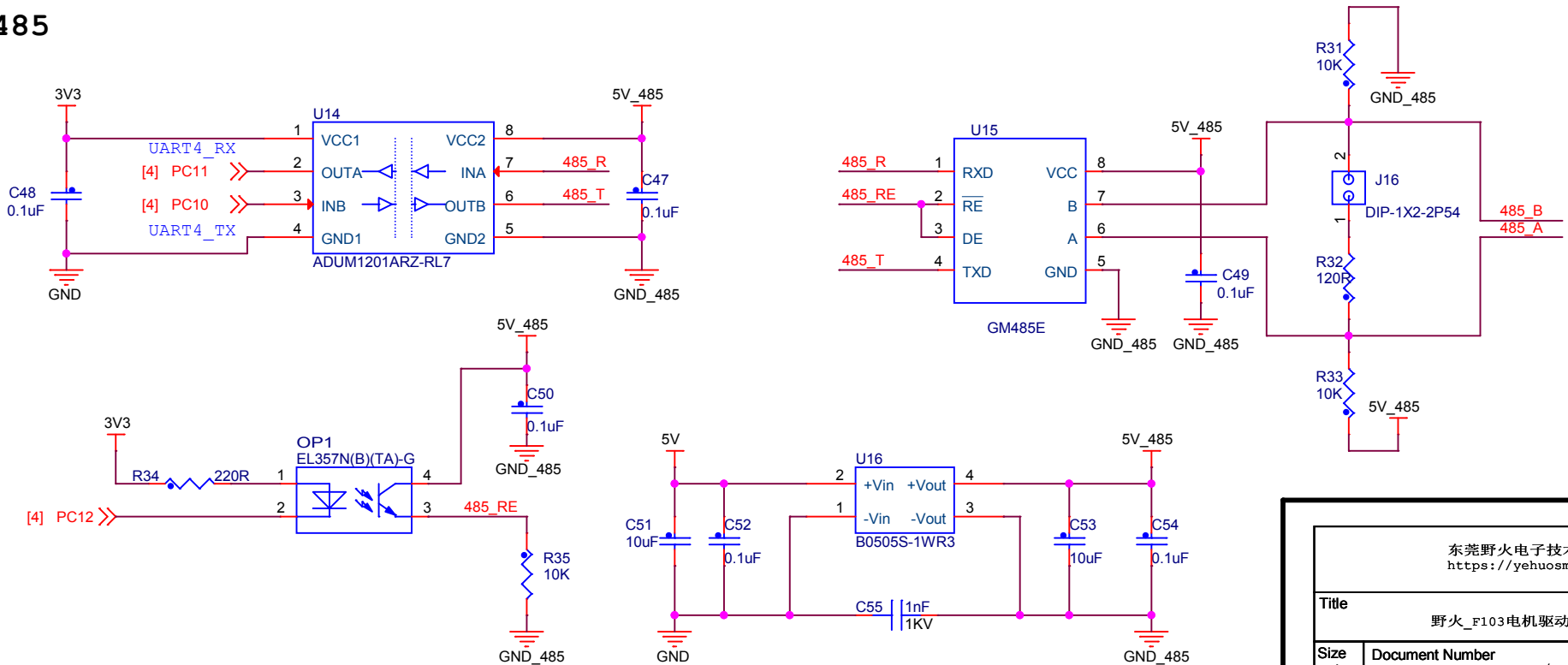
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CAN



RS485



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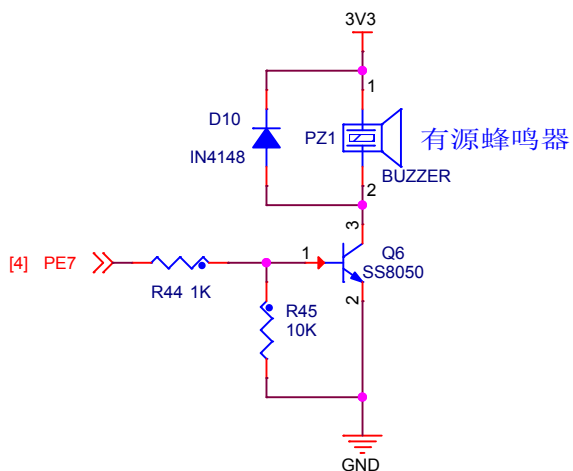
CAN/RS485

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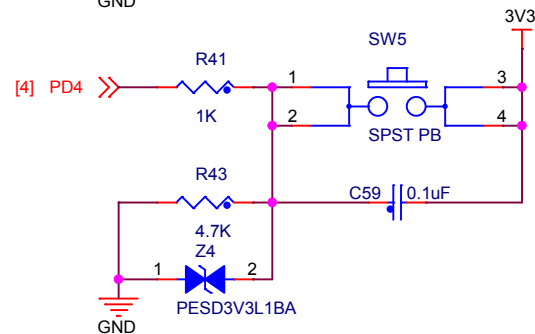
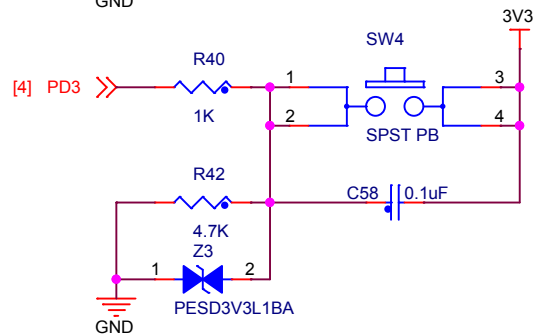
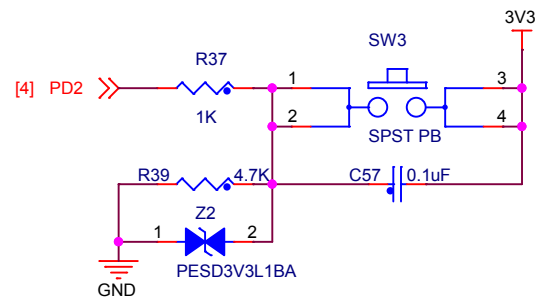
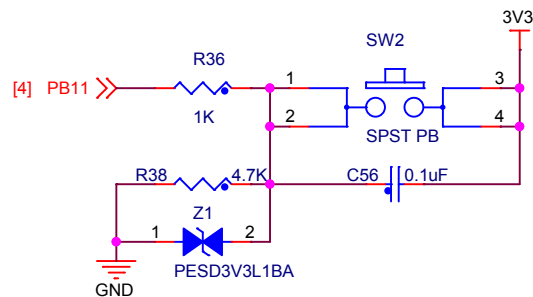
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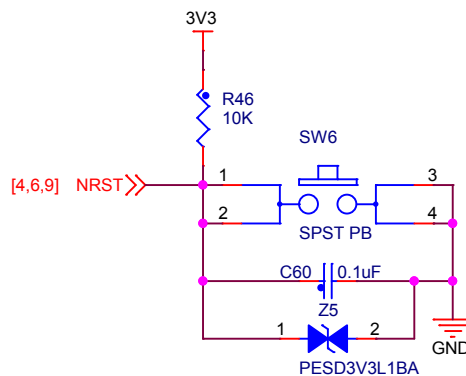
蜂鸣器



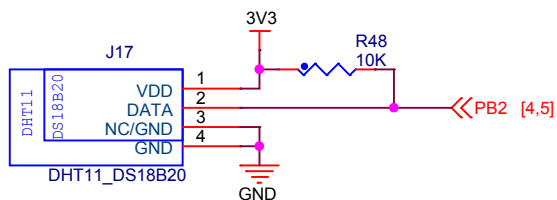
按键



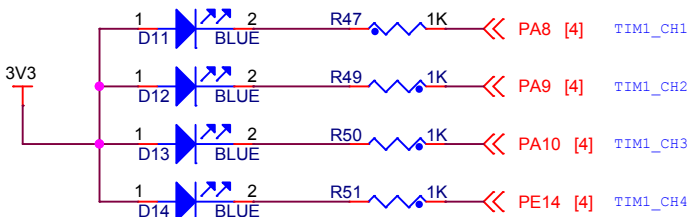
复位



温湿度传感器接口



LED



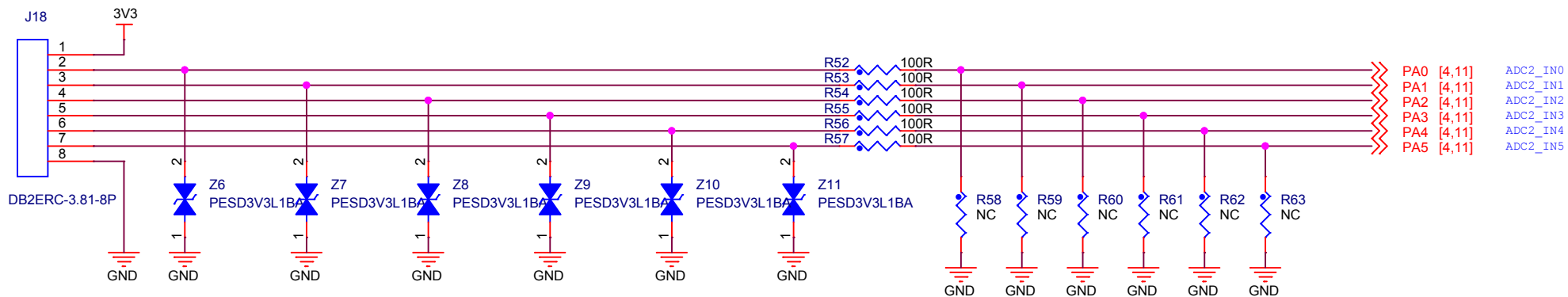
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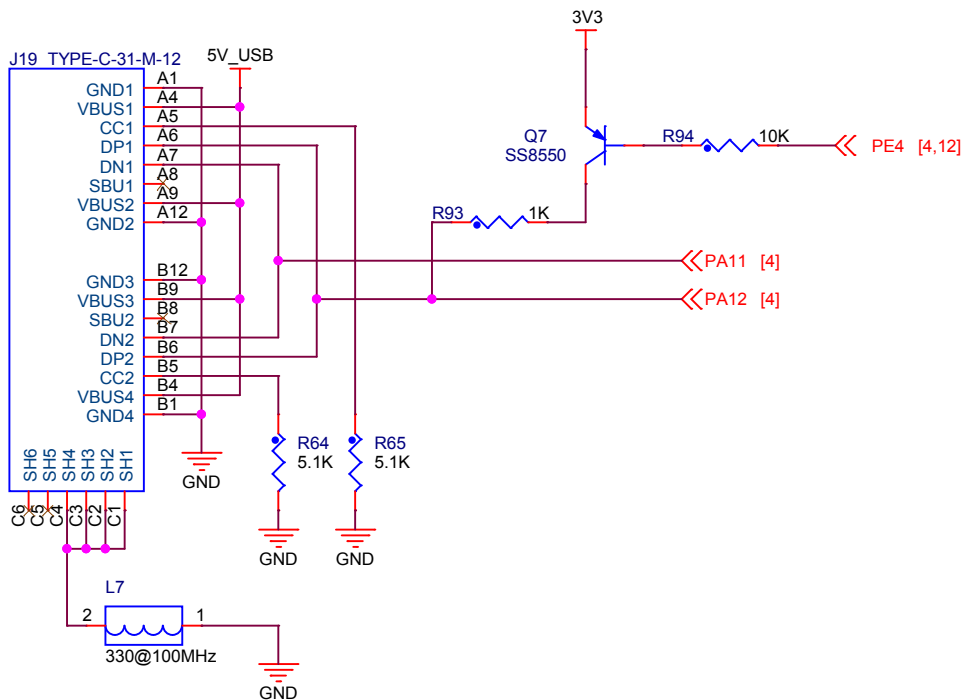
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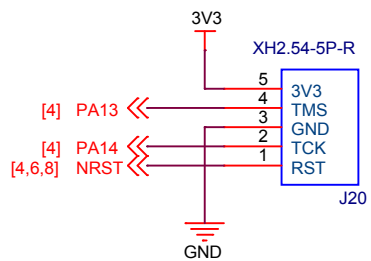
ADC



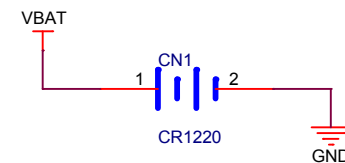
USB



SWD调试口



RTC电池



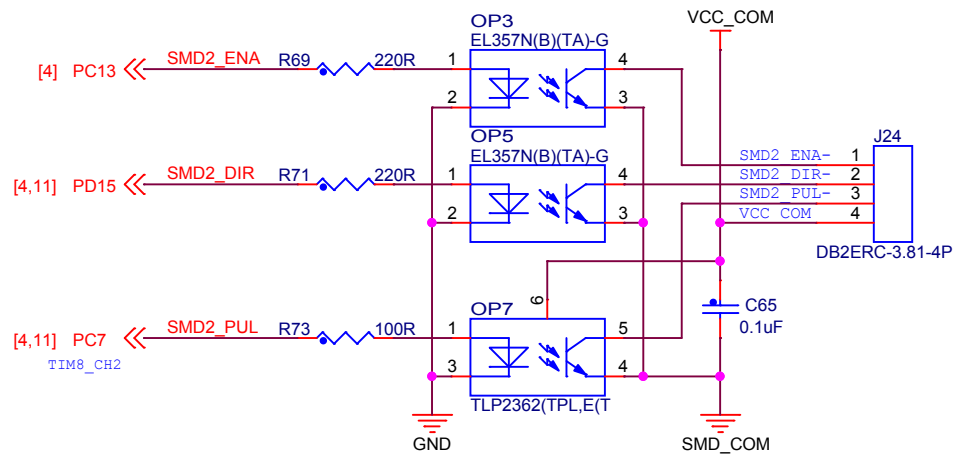
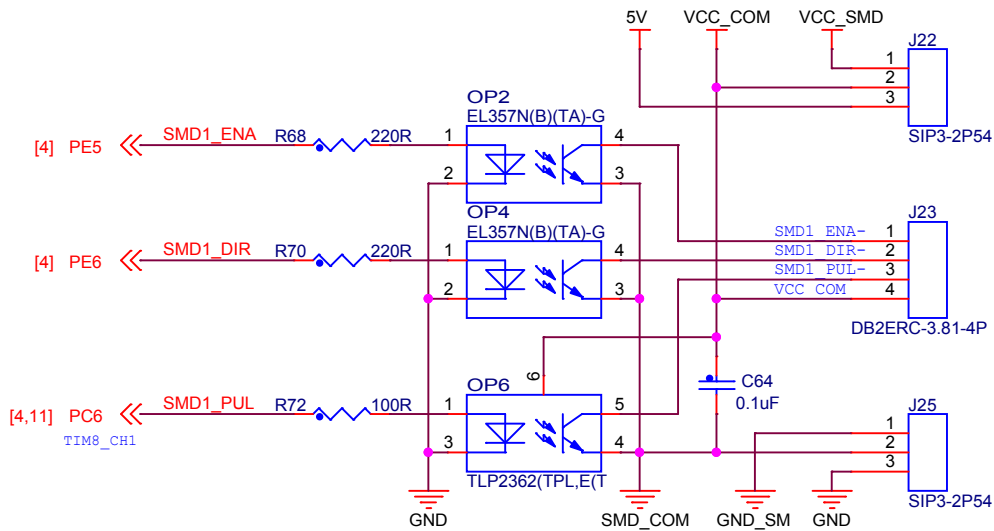
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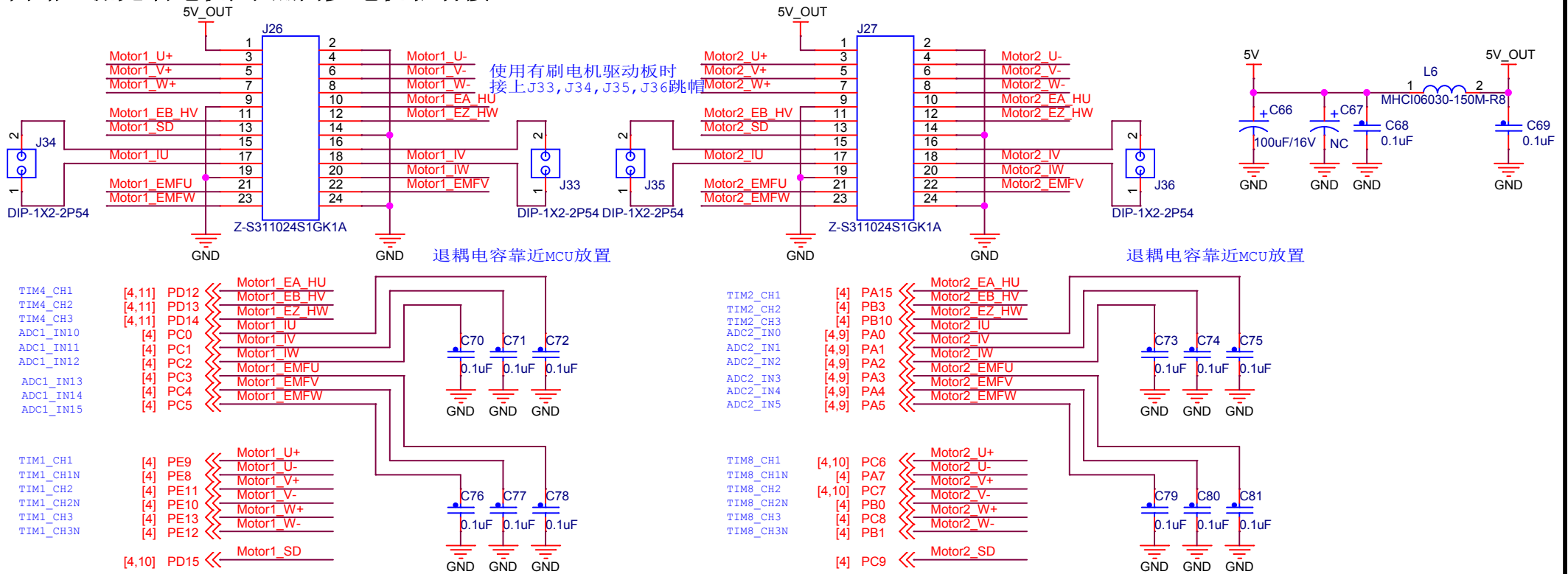
Size A4	Document Number ADC/USB/SWD	Rev V0.1
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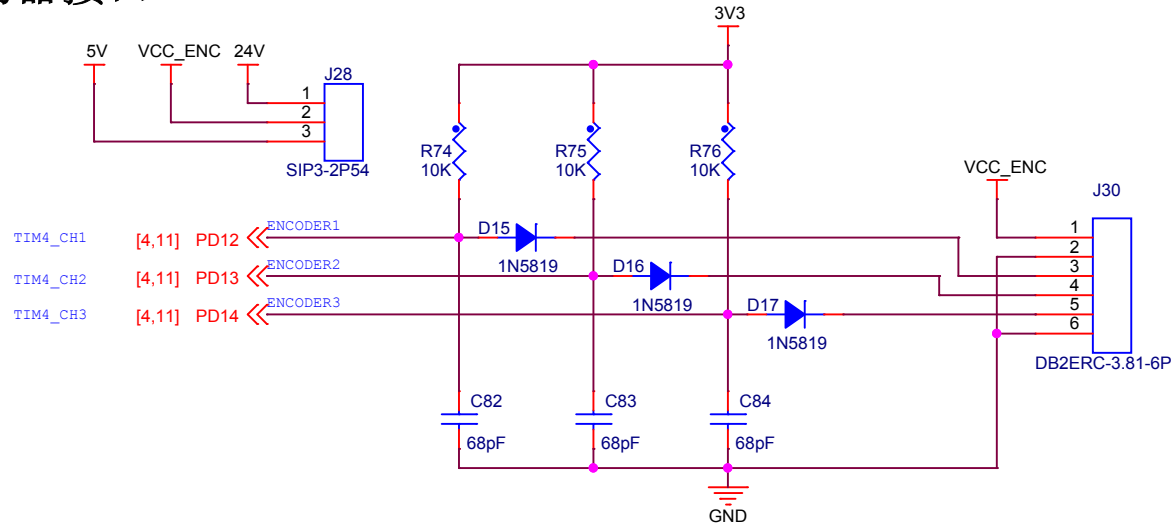
两路步进电机驱动接口



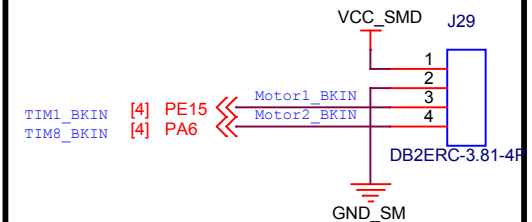
两路直流无刷电机/永磁同步电机驱动接口



编码器接口



定时器刹车输入



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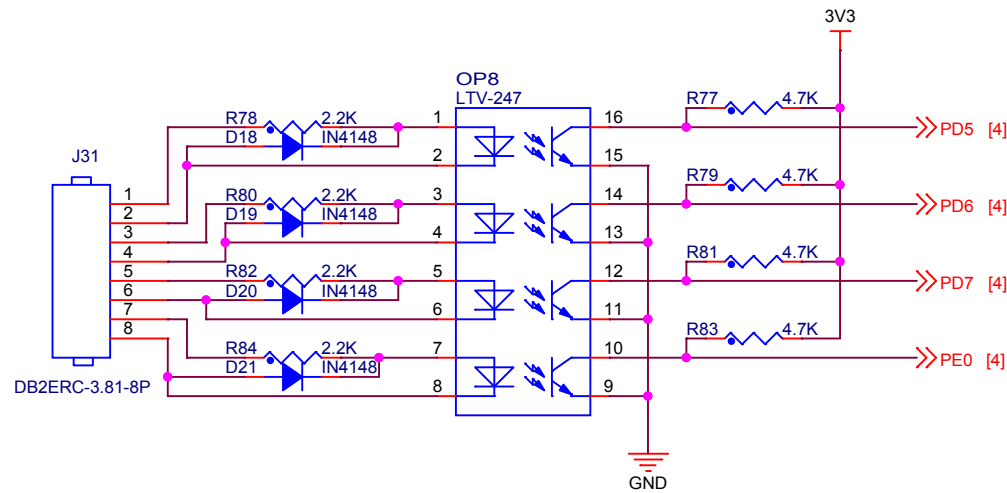
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BLDC/PMSM驱动接口

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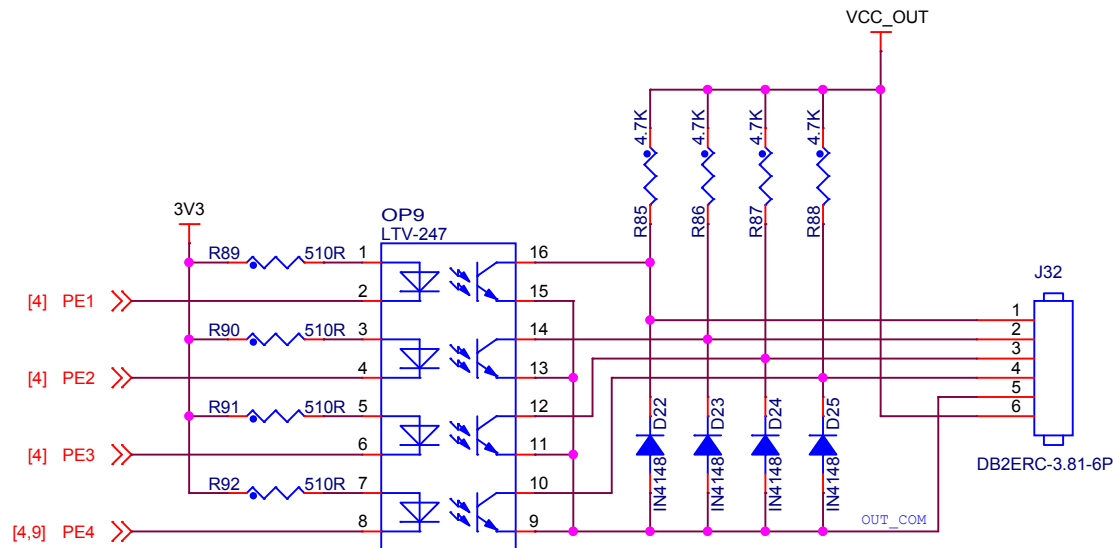
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通用输入接口



通用输出接口



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