

野火_H743电机驱动控制板_原理图_V0.1

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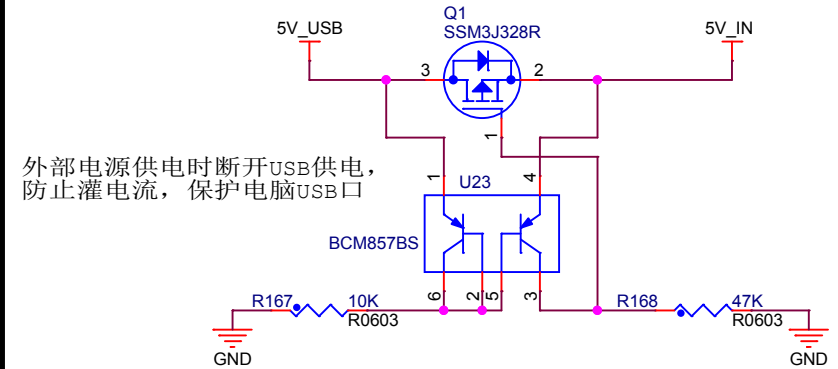
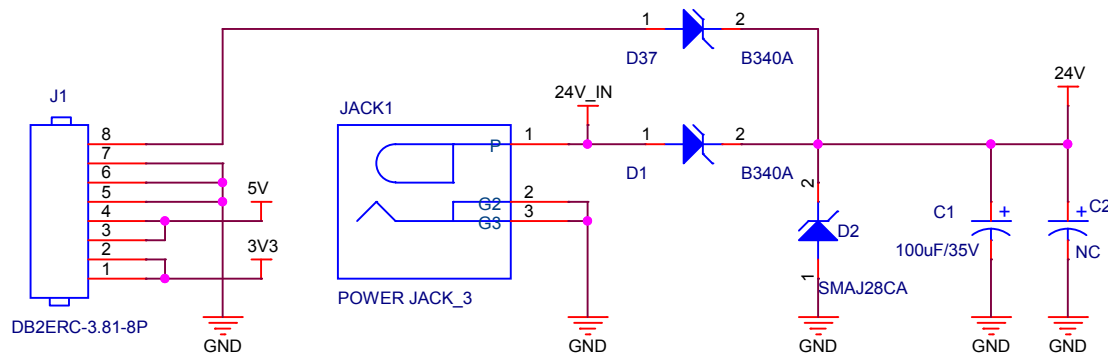
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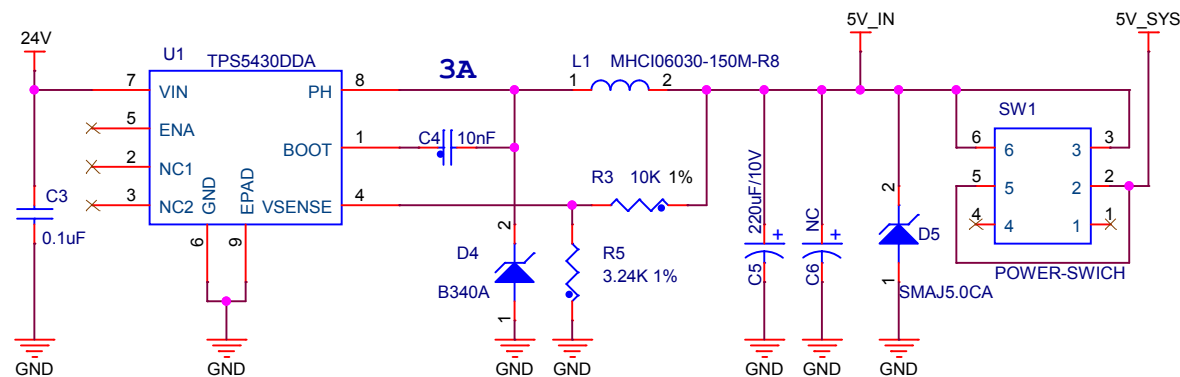
历史版本

版本号	日期	设计	描述
V0.1	2020-06-29	xgh	初始版本

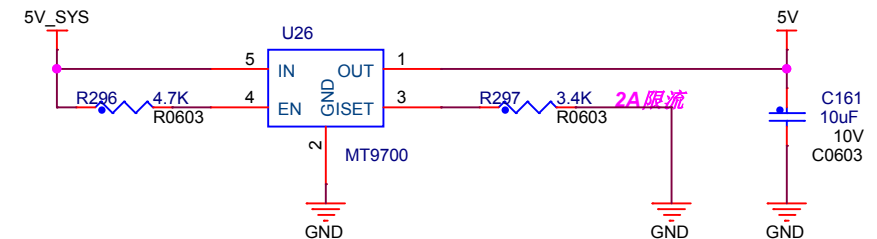
DC IN : 12V~24V



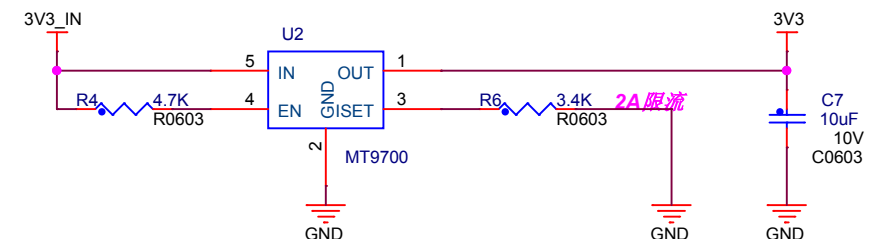
DC/DC 5V



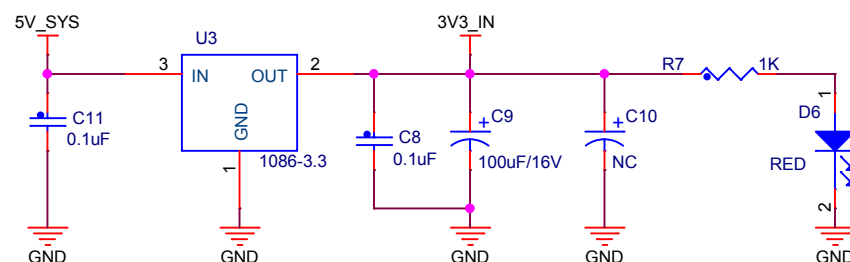
5V 输出过流保护



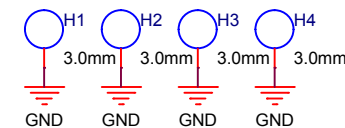
3.3V 输出过流保护



LDO 3.3V



定位孔



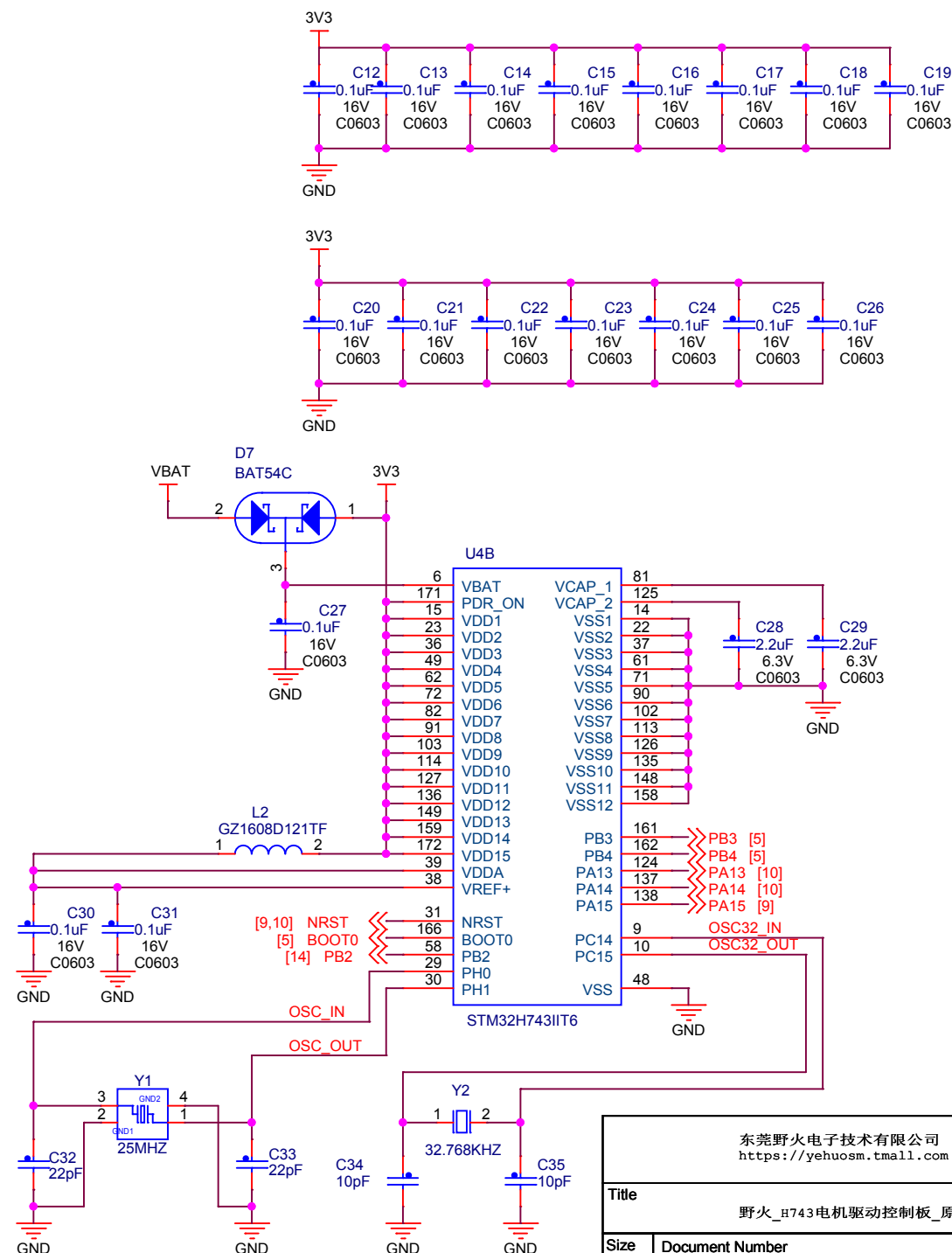
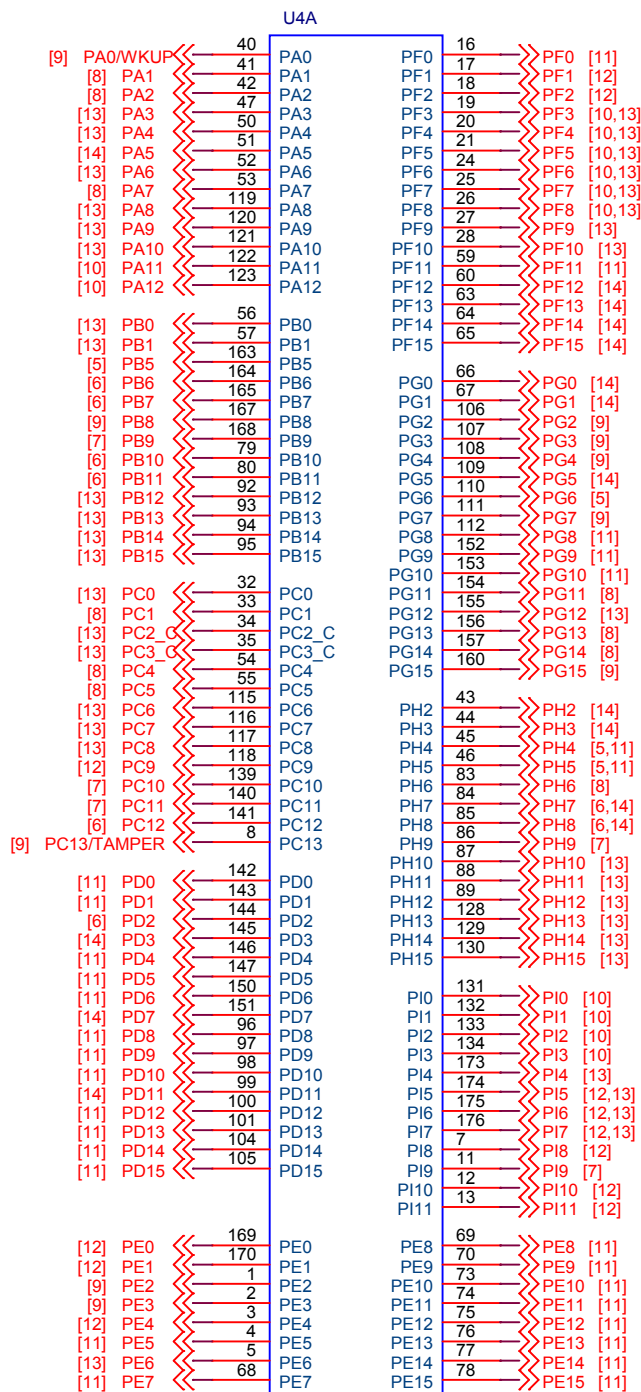
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MCU

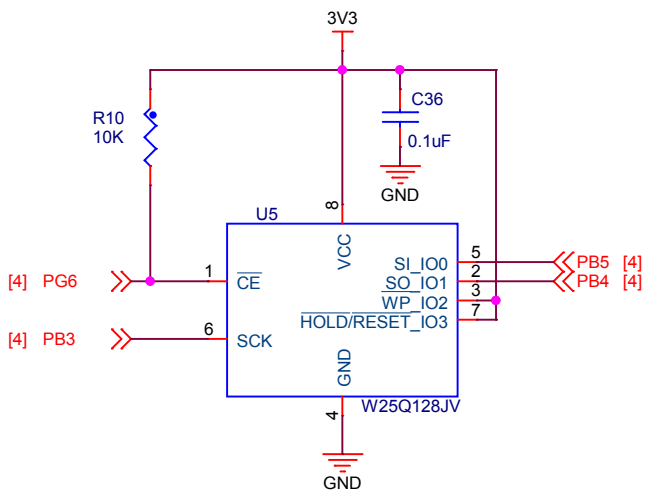


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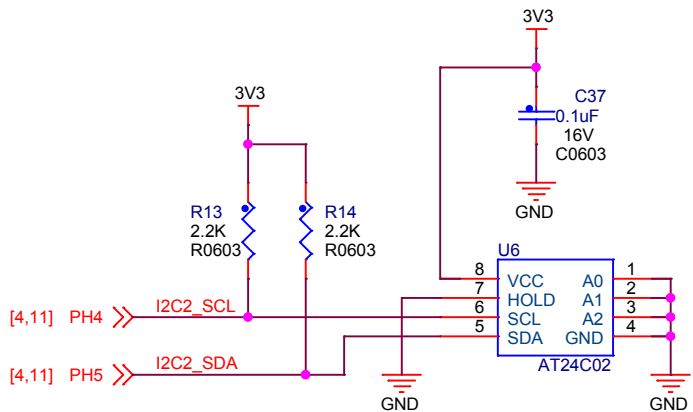
SPI_FLASH

容量: 16M字节



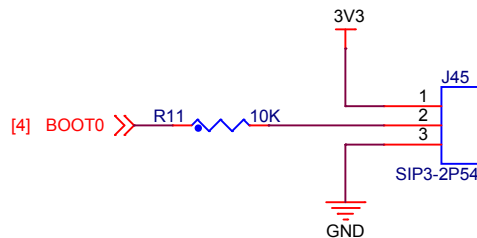
EEPROM

容量: 256字节



设置启动模式

自举模式选择		自举区域
BOOT0	自举地址选项字节	
0	BOOT_ADD0[15:0]	启动地址由用户选择字节 BOOT_ADD0[15:0] ST 编程值定义:Flash 位于0x0800 0000
1	BOOT_ADD1[15:0]	启动地址由用户选择字节 BOOT_ADD1[15:0] ST 编程值定义:系统自举程序位于0x1FF0 0000



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FLASH/EEPROM/BOOT

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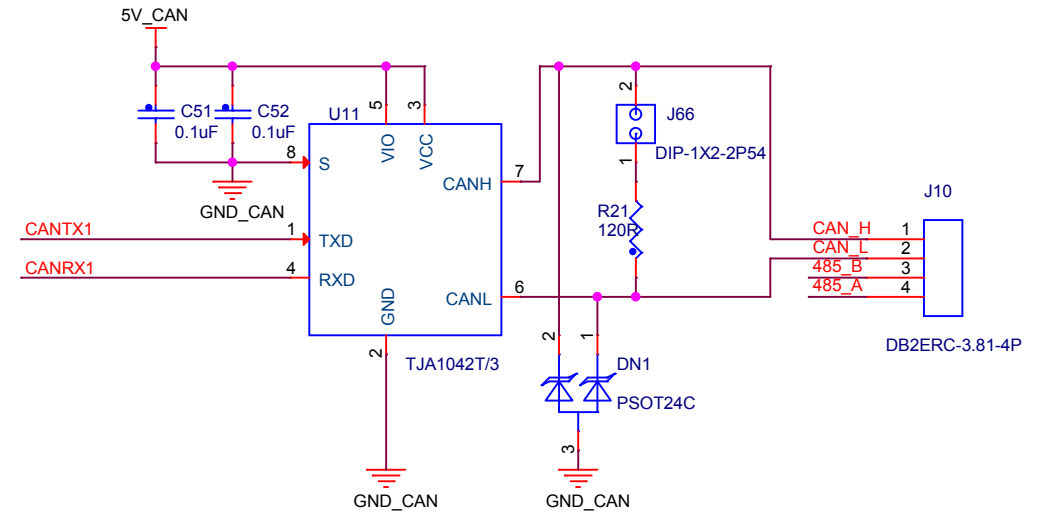
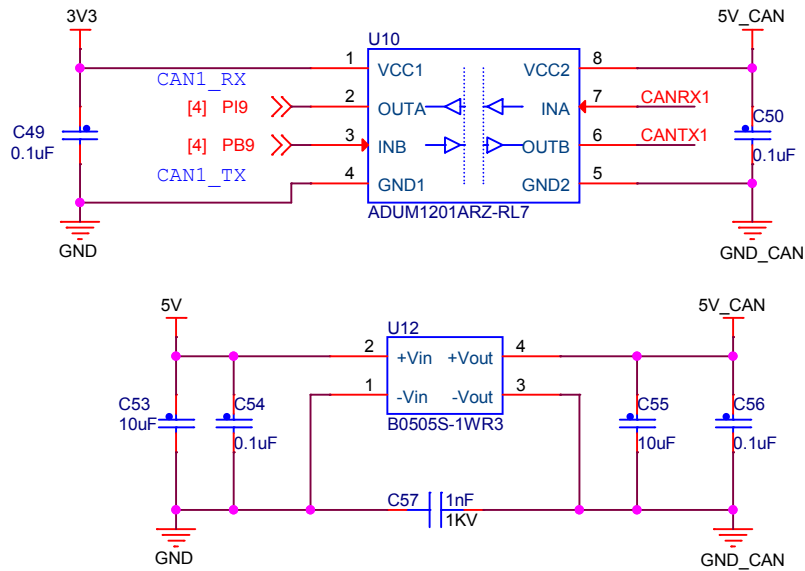


A

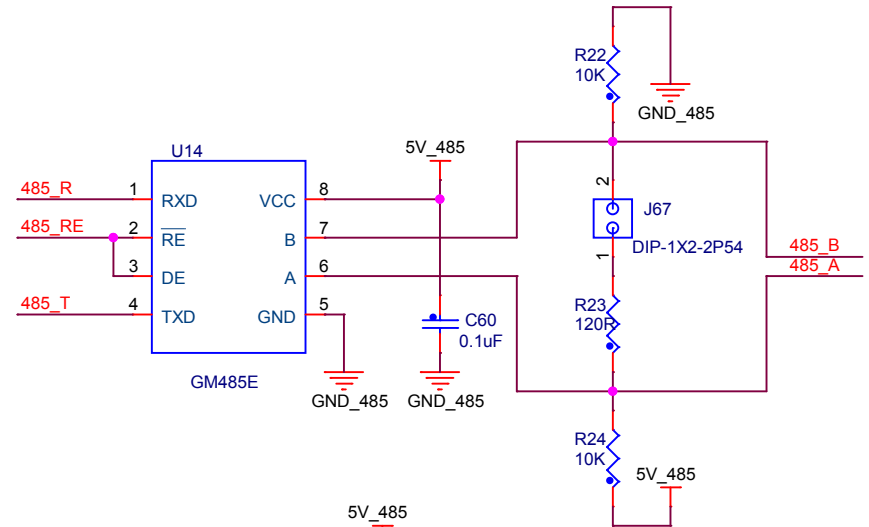
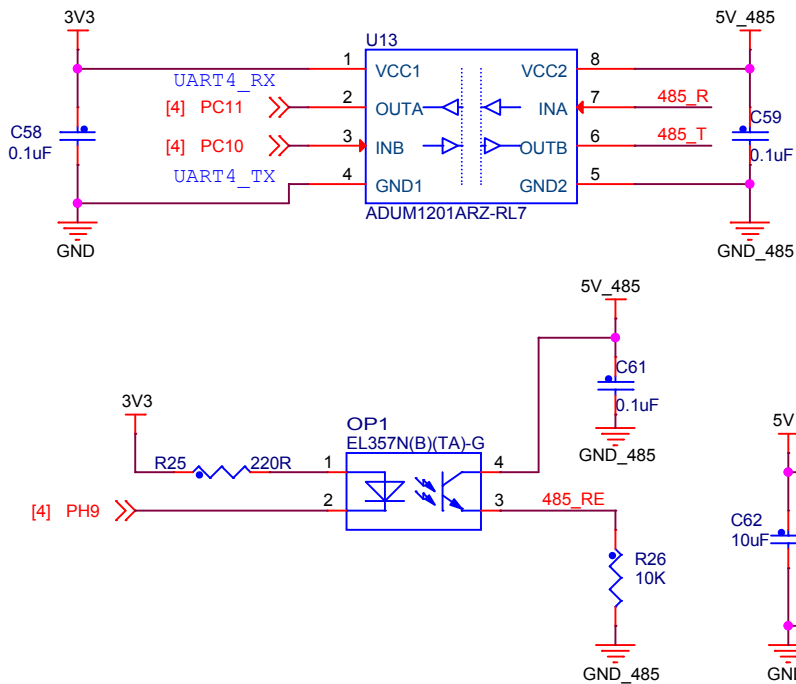


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CAN



RS485



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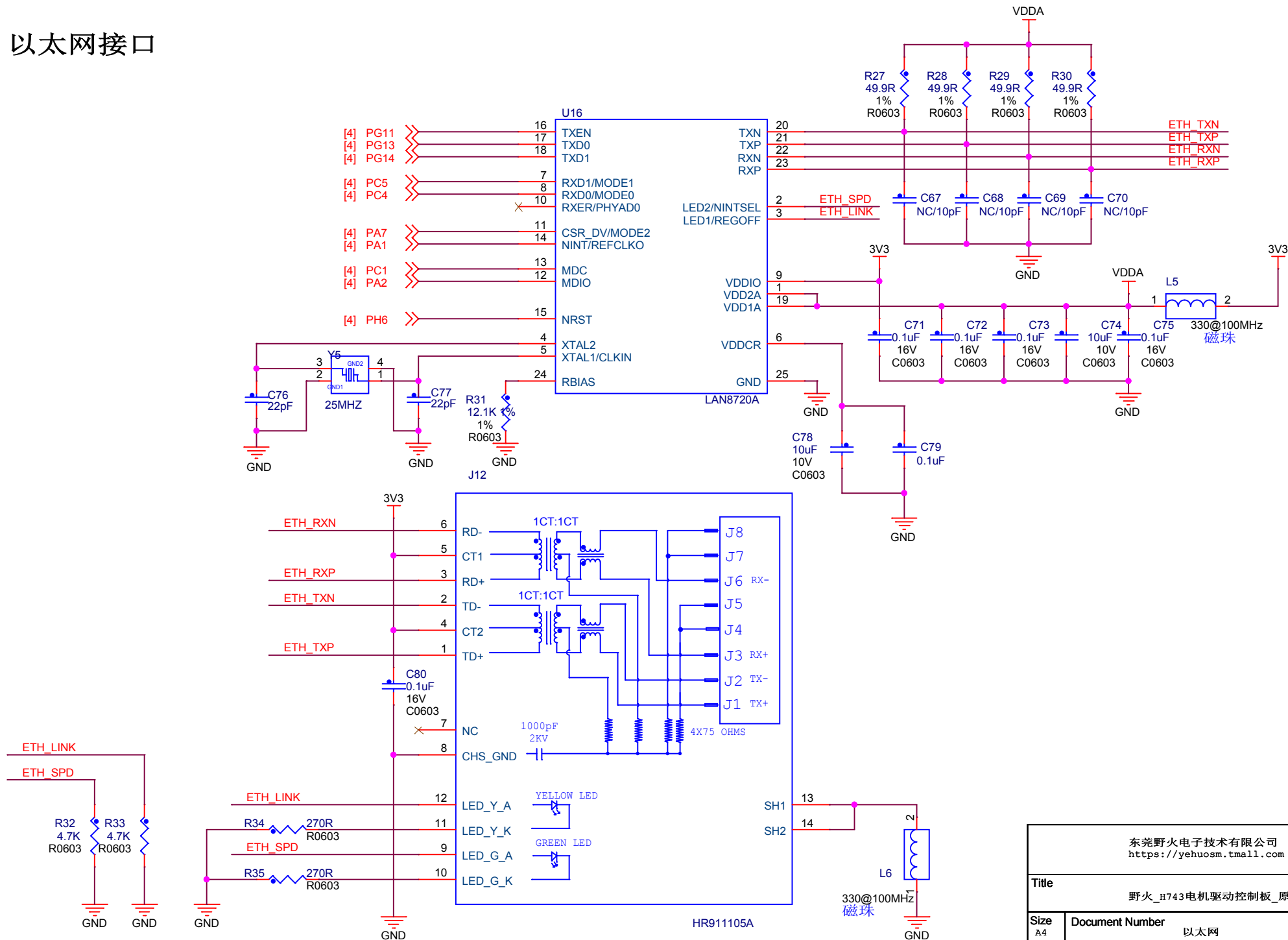
CAN/RS485

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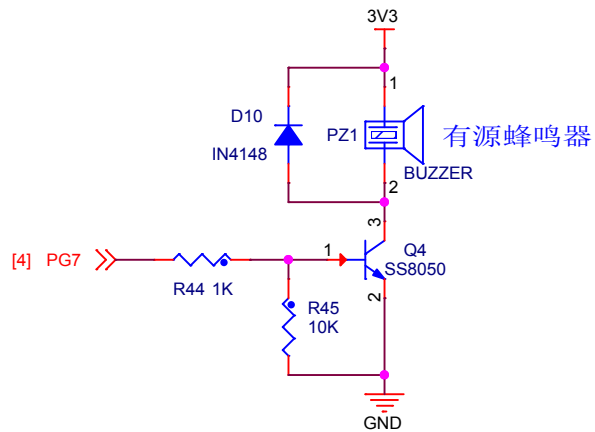
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以太网接口

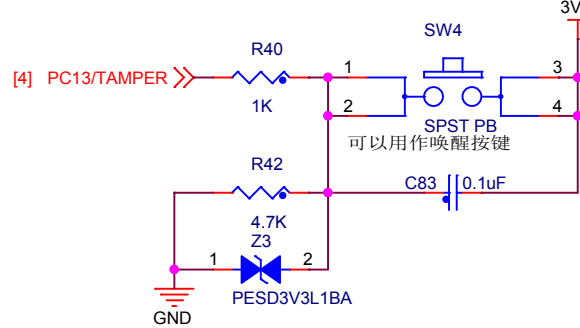
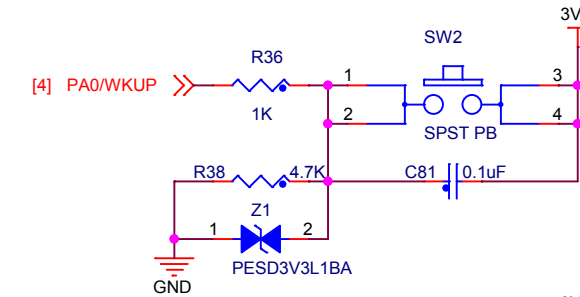


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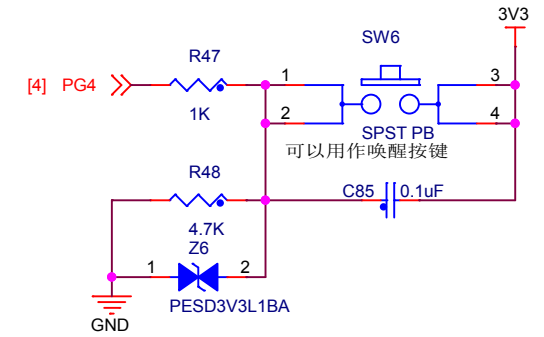
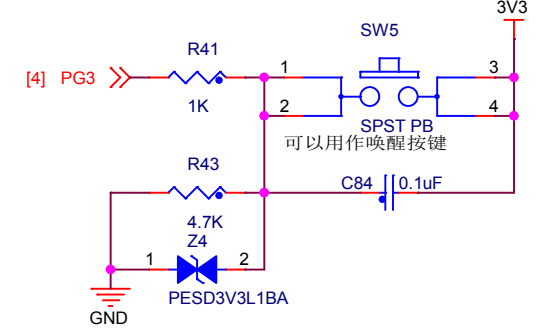
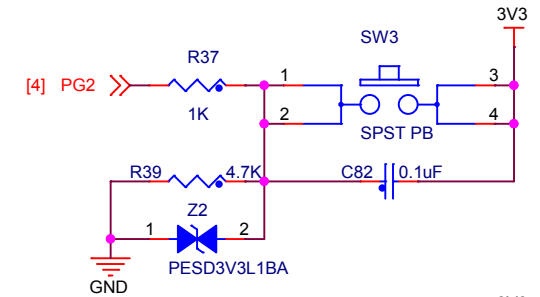
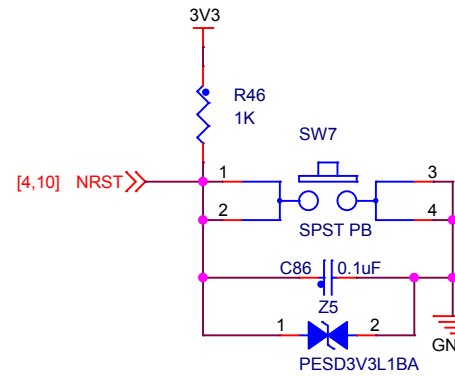
蜂鸣器



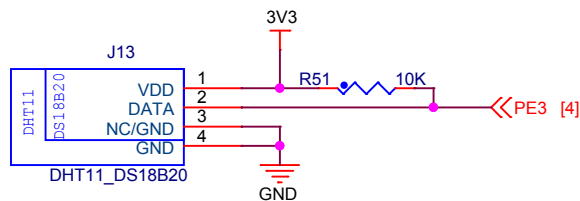
按键



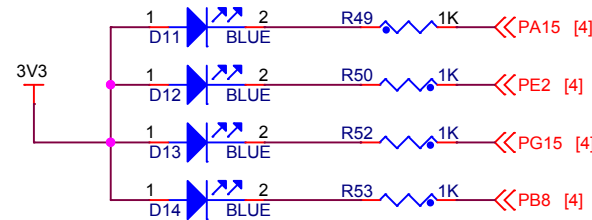
复位



温湿度传感器接口



LED



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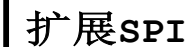
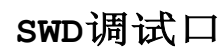
KEY/LED/BEEP/SENSOR

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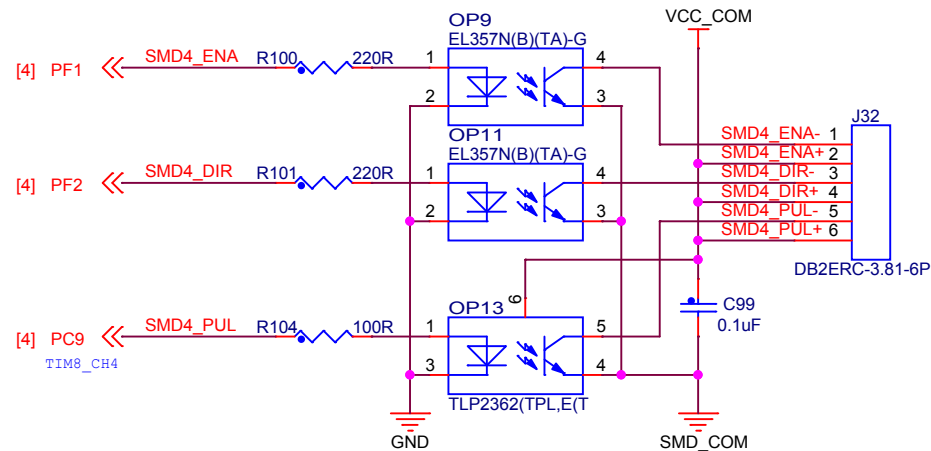
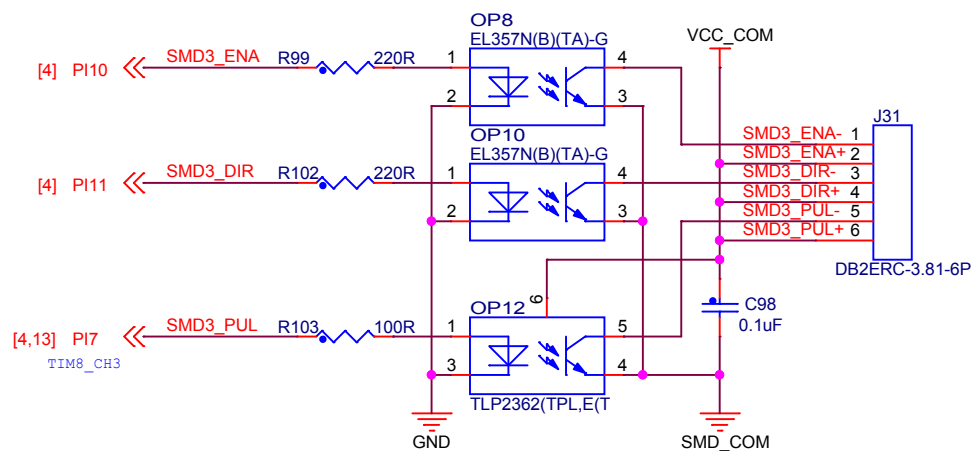
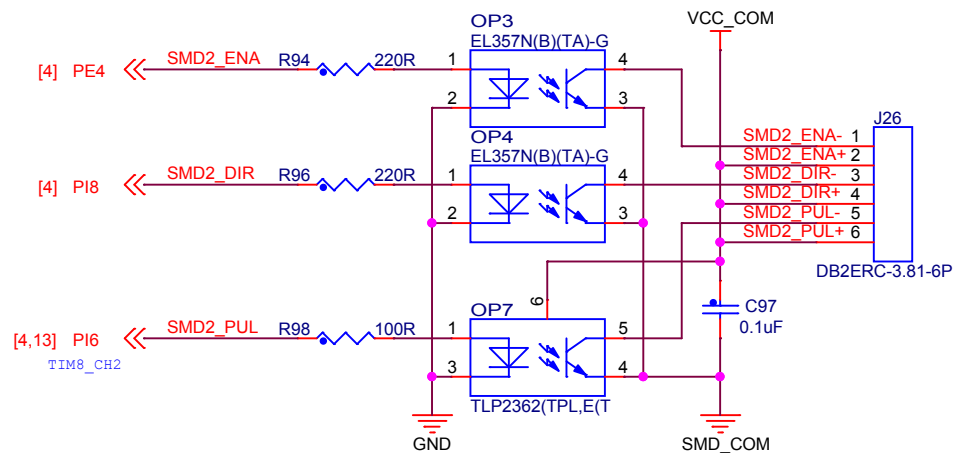
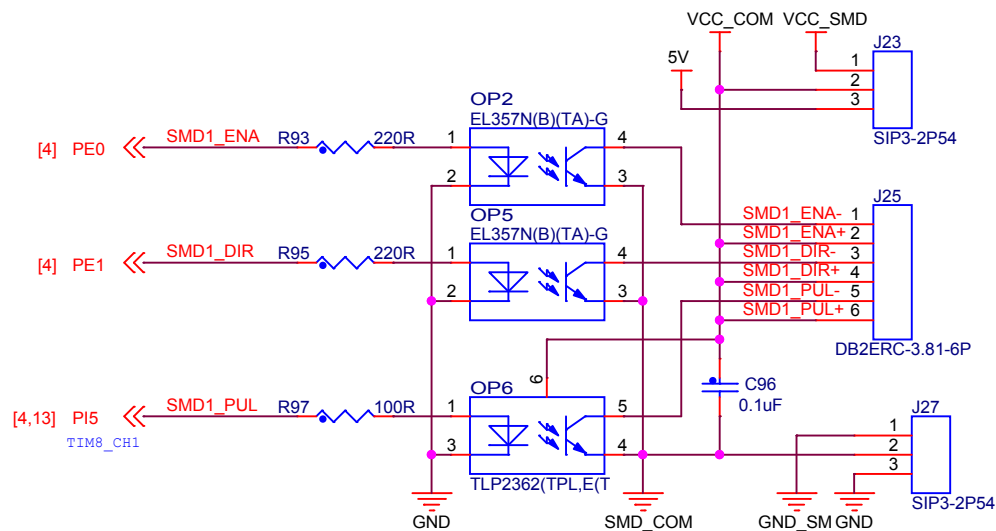
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ADC



四路步进电机驱动接口



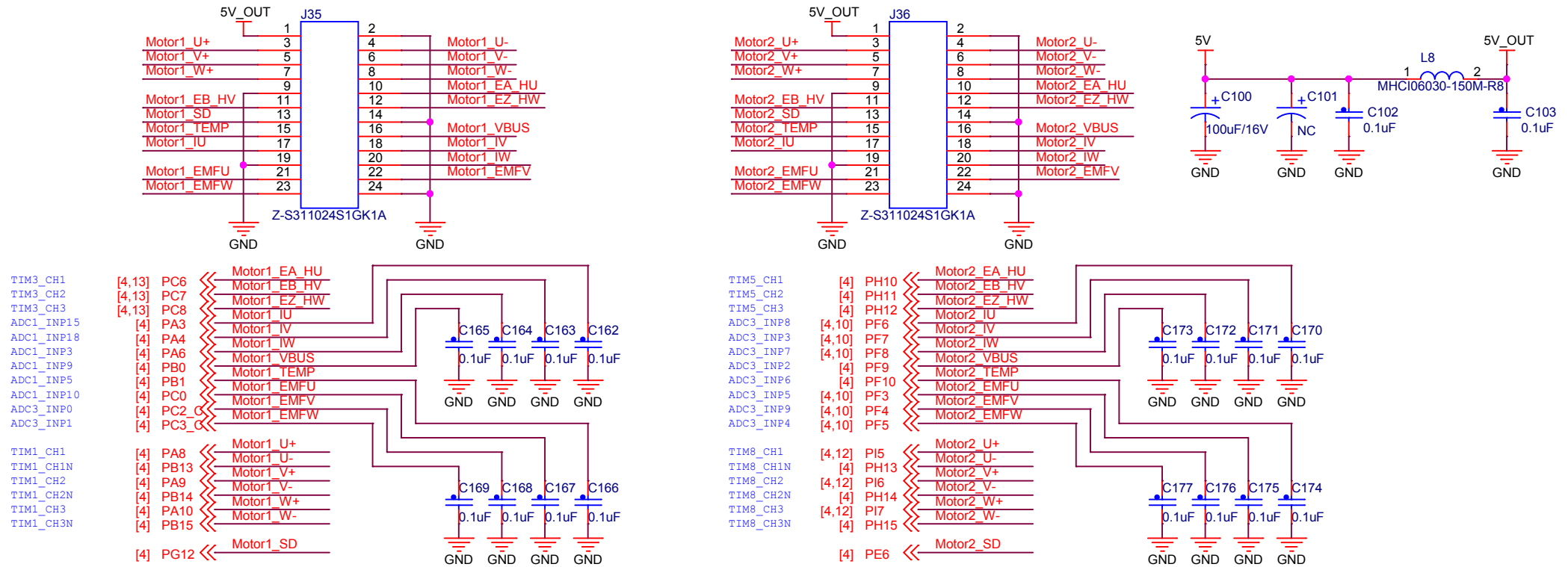
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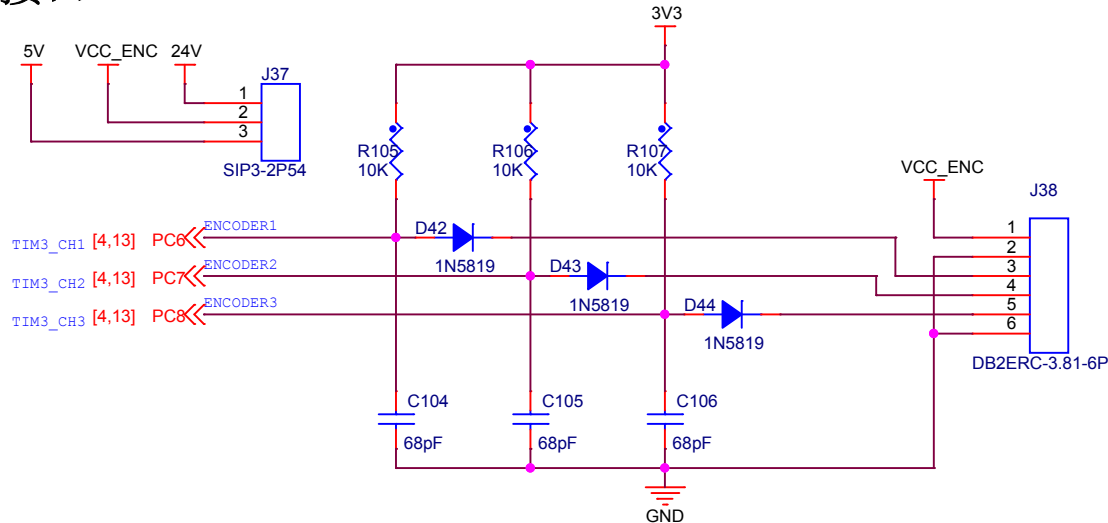
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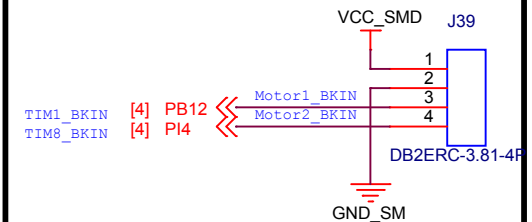
两路直流无刷电机/永磁同步电机驱动接口



编码器接口



定时器刹车输入



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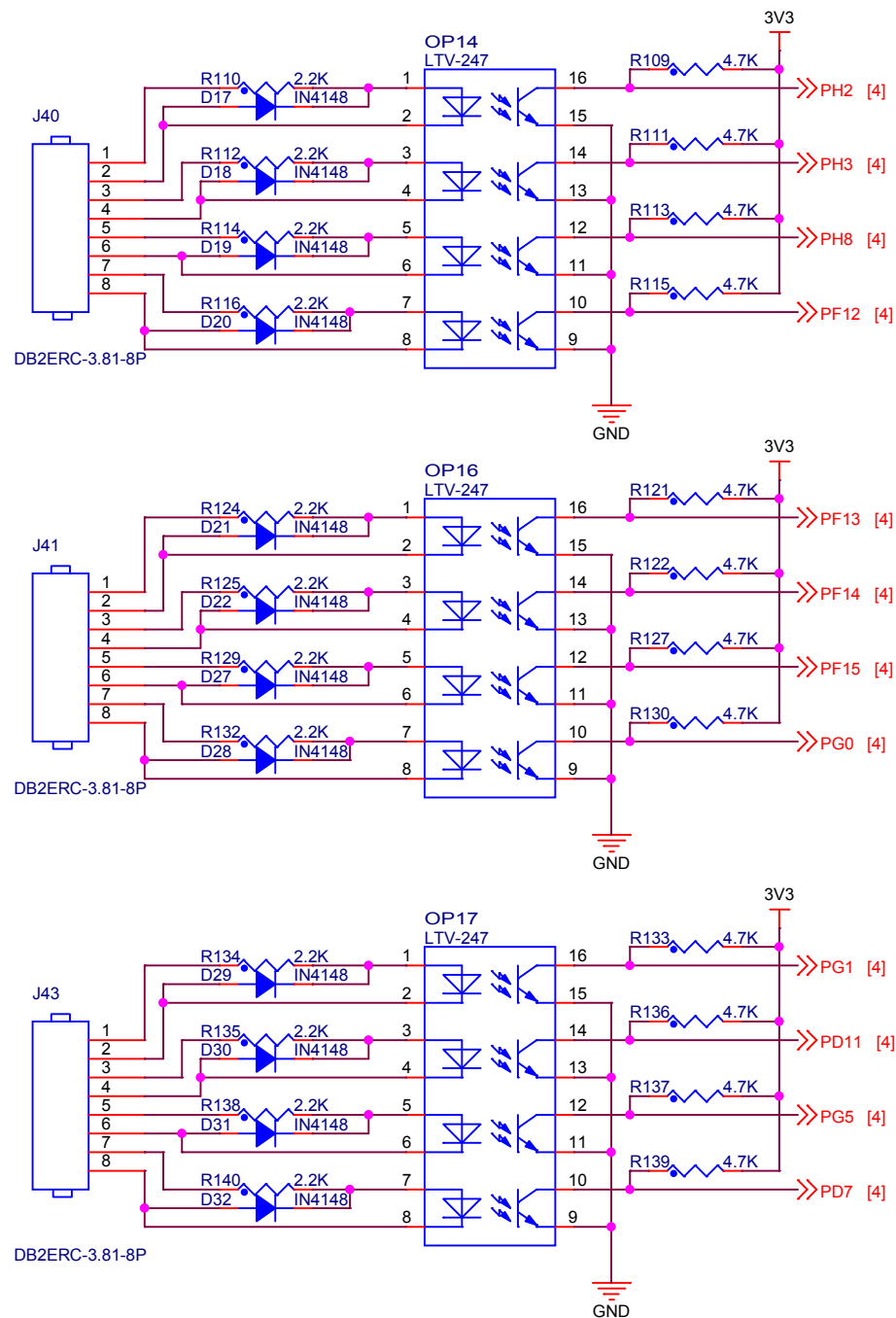
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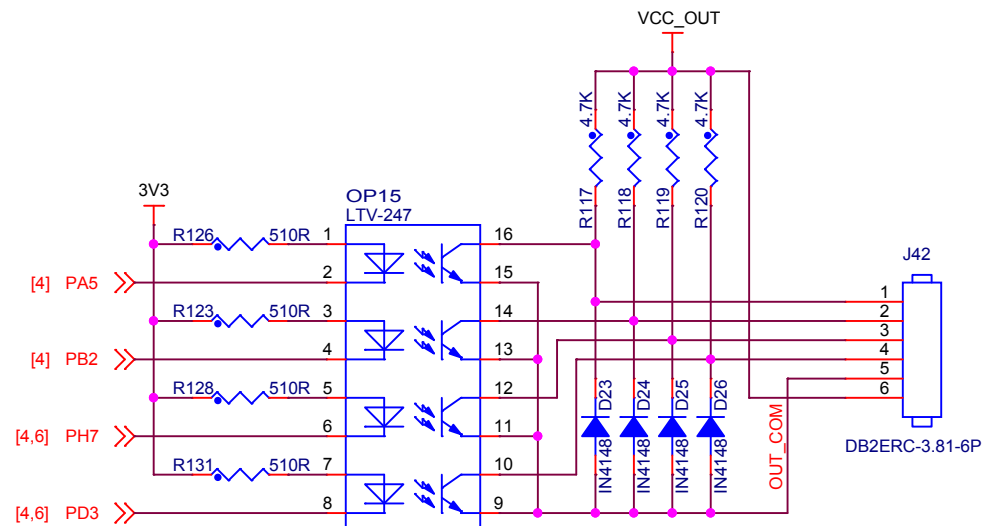
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通用输入接口



通用输出接口



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