

A

B

C

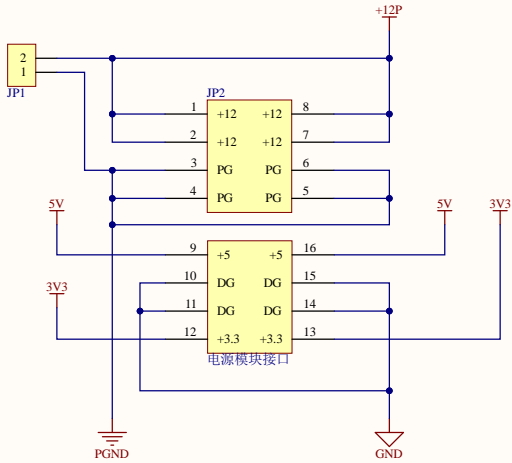
D

A

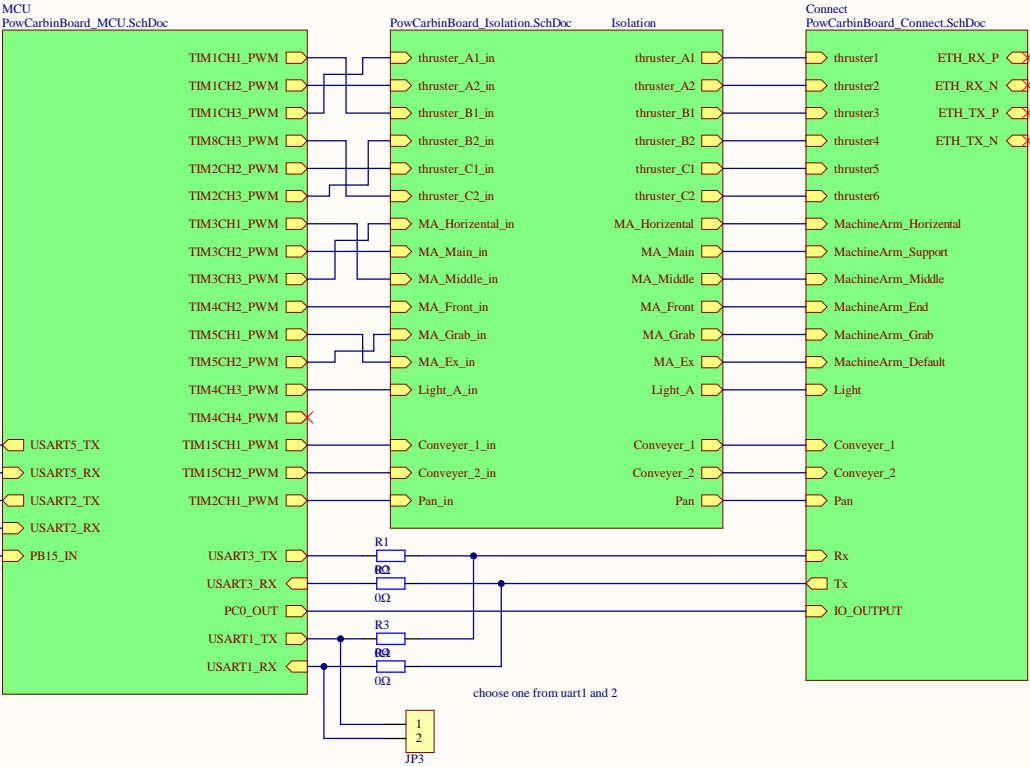
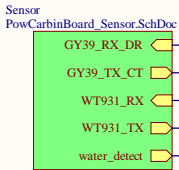
B

C

D

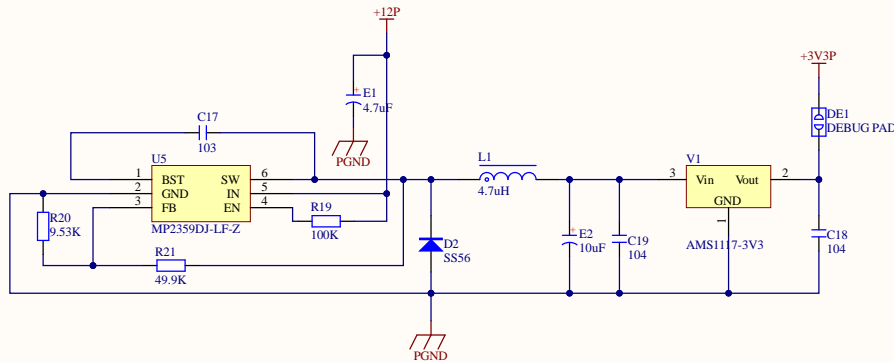
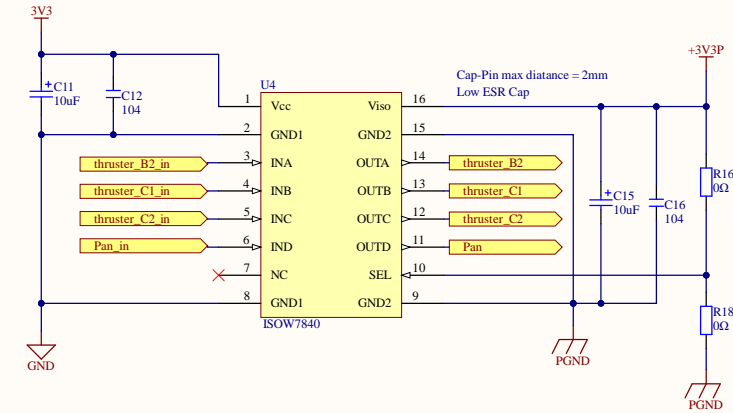
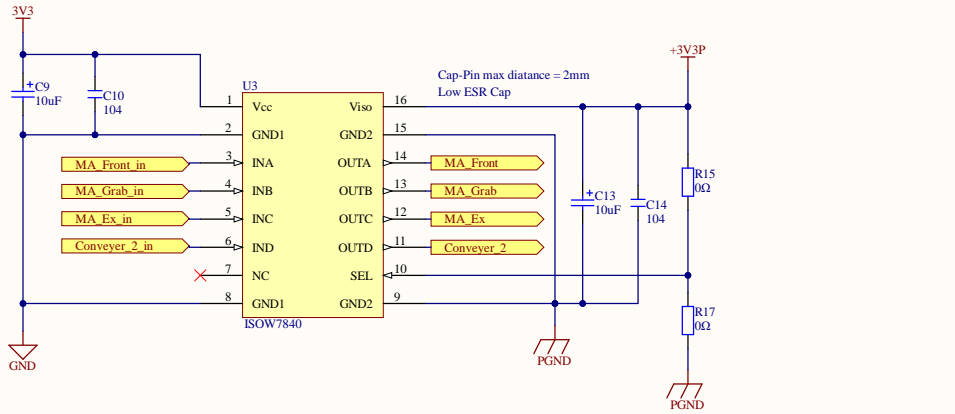
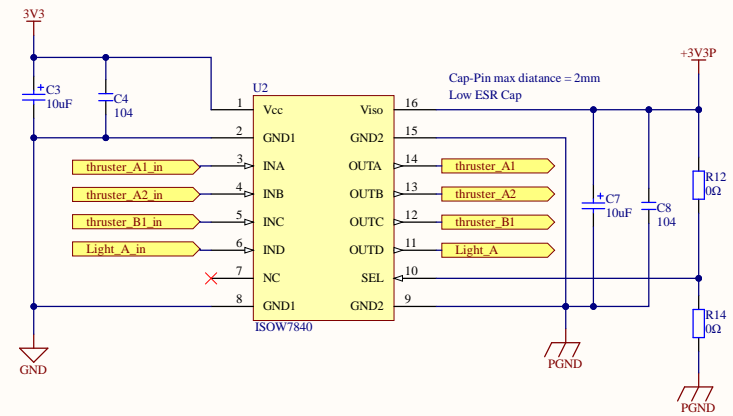
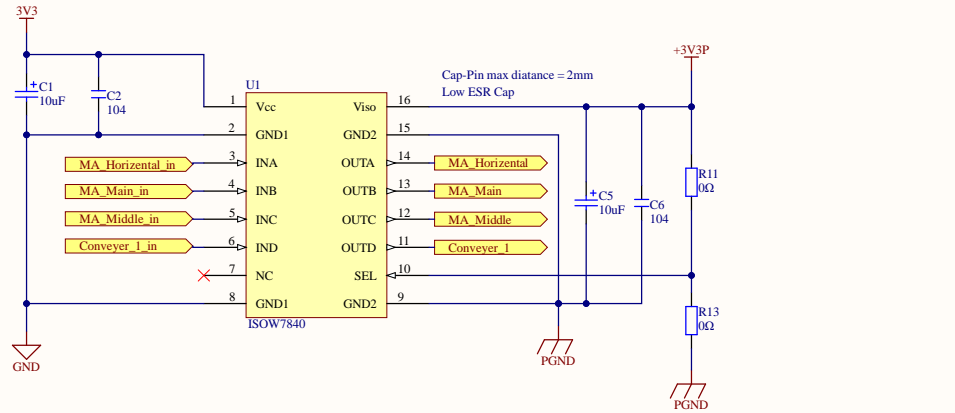


TIM1+TIM2 thruster  
TIM3+TIM4+TIM5 machine-arm  
TIM12 Light  
TIM15 Convey  
TIM16 Pan



Title		
Size A3	Number	Revision
Date: 4/07/2022	Sheet of	
File: F:\Git_repository\...\PowCarbinBoard_General_SchDoc	8	

ISOW7840FDWER



Title		
Size	Number	Revision
A3		
Date:	4/07/2022	Sheet of
File:	F:\Git_repository\...\PowCarbinBoard_Isd	1 of 8

A

B

C

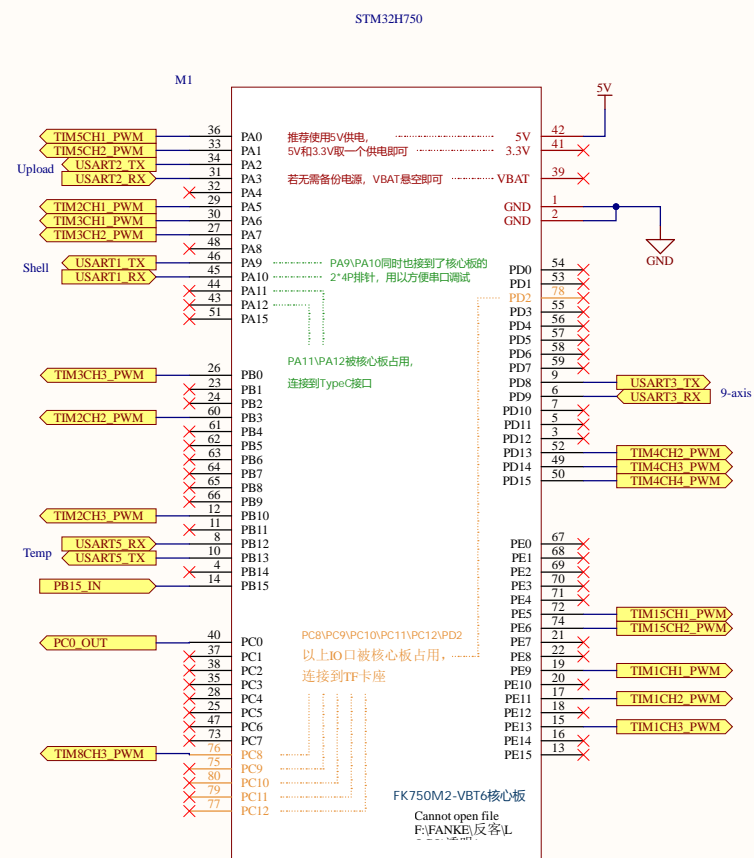
D

A

B

C

D



注意事项:

- 若用户使用3.3V给核心板供电, 则5V不需要再接入, 由于750的功耗非常大, 必须要确保3.3V的电源有足够的供电能力 (400ma以上) , 如果不确定电源的功率是否足够, 最简单的方法就是使用5V (包括USB) 供电
- 由于750的功耗非常高, 正常运行时, 两三百 ma电流是正常的, 因此单片机发热会很严重, 建议用户配备USB电压电流表用以监测功耗, 750的功耗参数可以参考数据手册的相关说明
- 使用核心板驱动电机、高电压或高干扰的设备时, 一定要加光耦隔离, 否则很容易损坏单片机! !!

FK750M2-VBT6核心板

Title		
Size A3	Number	Revision
Date:	4/07/2022	Sheet of
File:	F:\Git_repository\...\PowCarbinBoard_M1	Drawn By:

A

B

C

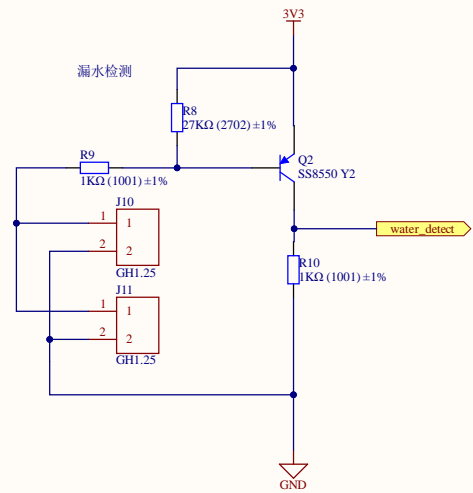
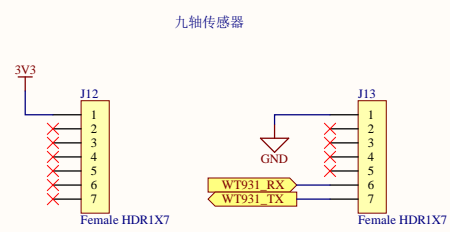
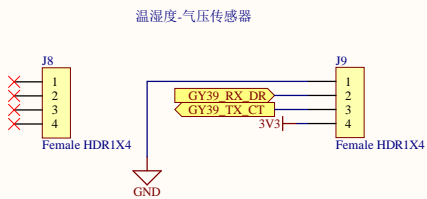
D

A

B

C

D



Title		
Size	Number	Revision
A3		
Date:	4/07/2022	Sheet of
File:	F:\Git_repository\...\PowCarbinBoard_SchDoc\SchDoc	1 of 1

