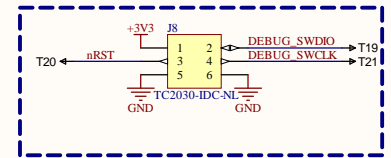
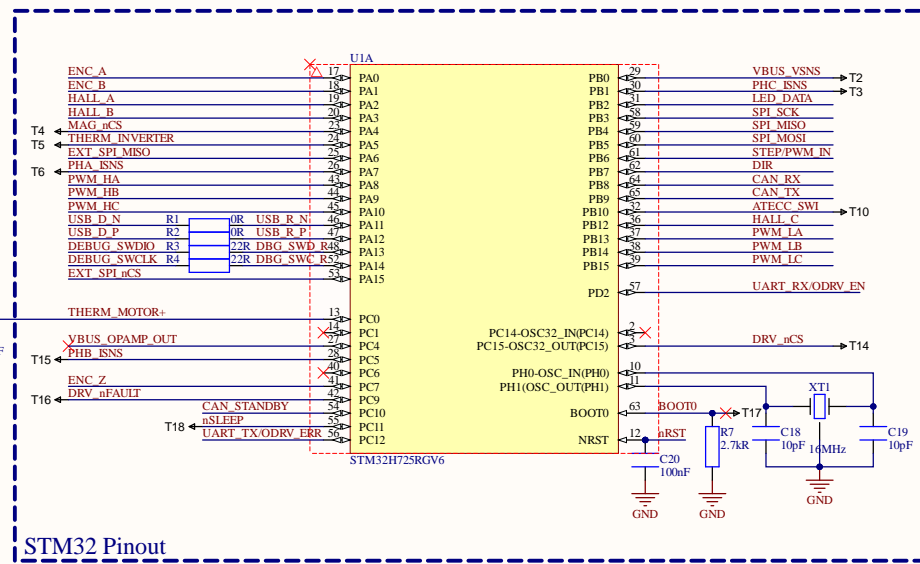
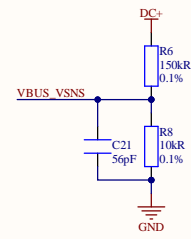


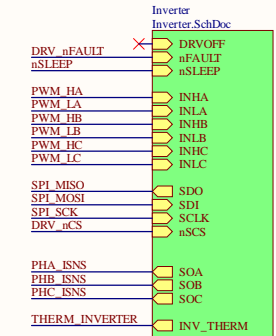
STM32 Power



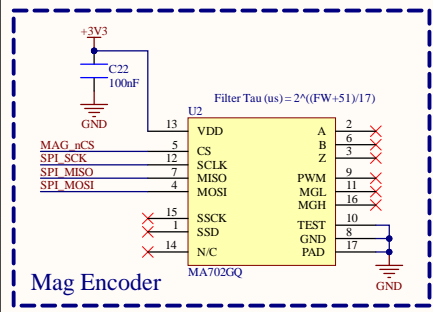
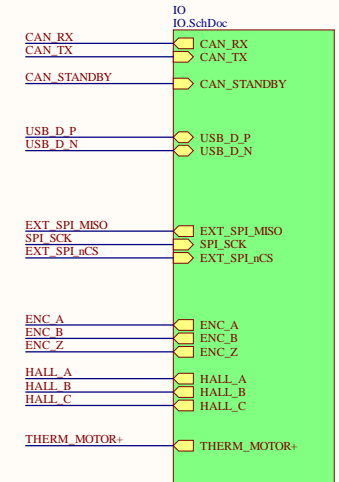
Debug



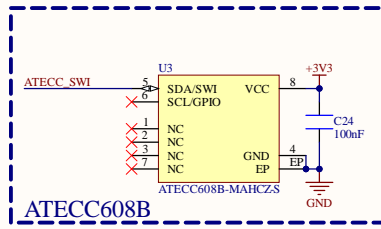
STM32 Pinout



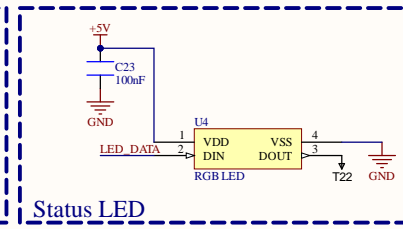
Signals not present on back-of-motor variant:  
 X SPI\_MOSI  
 X STEP/PWM\_IN  
 X DIR  
 X UART\_TXODRV\_ERR  
 X UART\_RXODRV\_EN



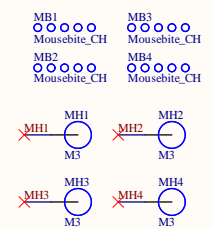
Mag Encoder



ATECC608B



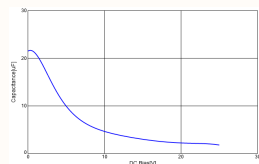
Status LED



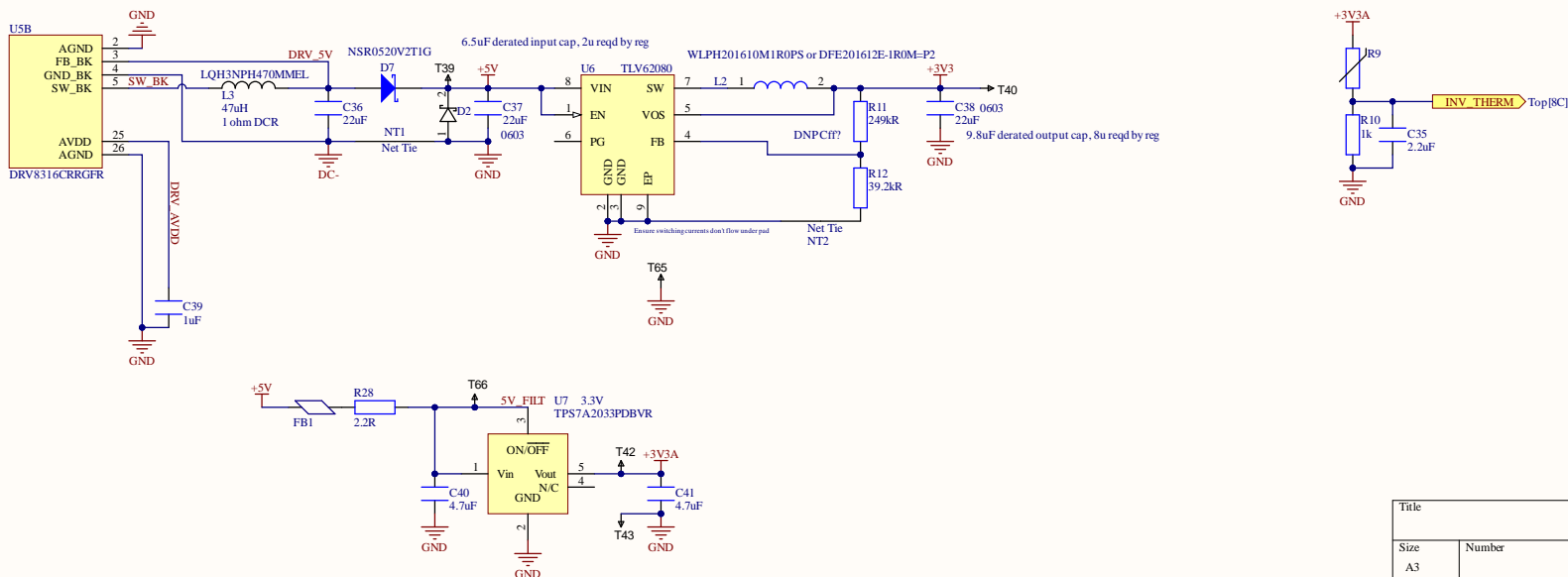
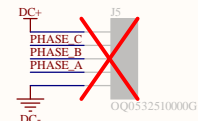
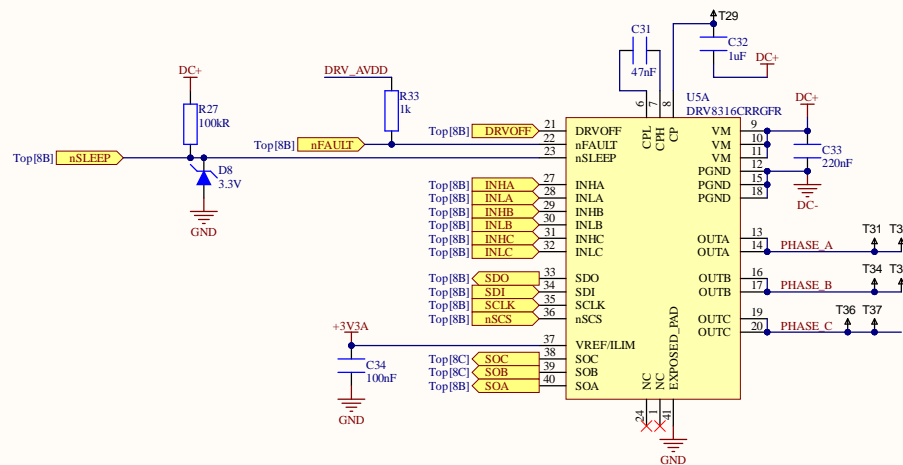
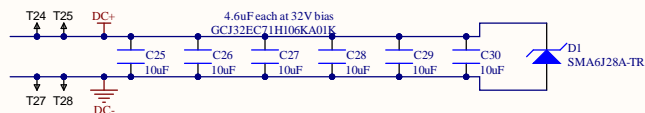
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Size	Number		
A3			
		Revision	
Date:	3-01-2025		Sheet 1 of 3
File:	C:\Users\...Top_SchDoc		Drawn By:

Top.SchDoc

Murata GRM21BR61E226ME44K 25V 22uF 0805 MLCC derating



16V: 2.7uF  
12V: 3.8uF  
5V: 9.9uF  
3.3V: 14.4uF



Title		
Inverter.SchDoc		
Size	Number	Revision
A3		
Date:	3-01-2025	Sheet 2 of 3
File:	C:\Users\...\Inverter.SchDoc	Drawn By:

