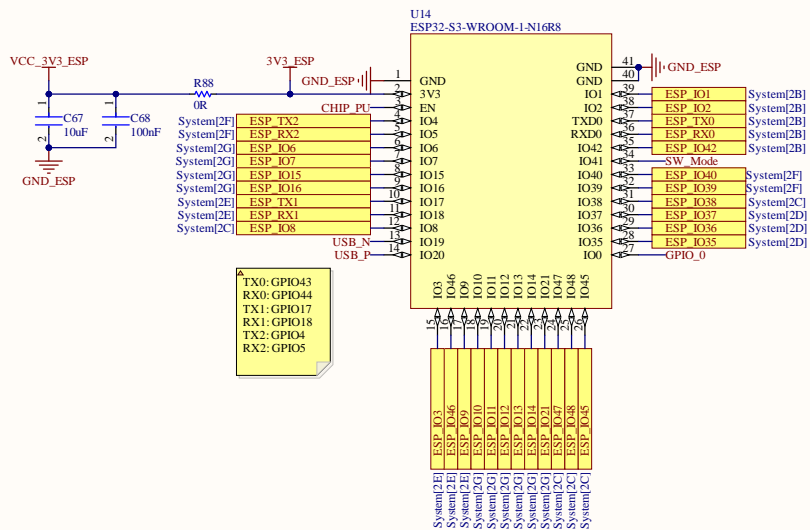
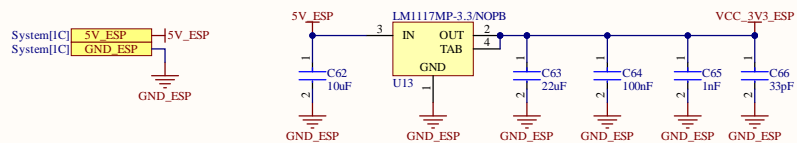
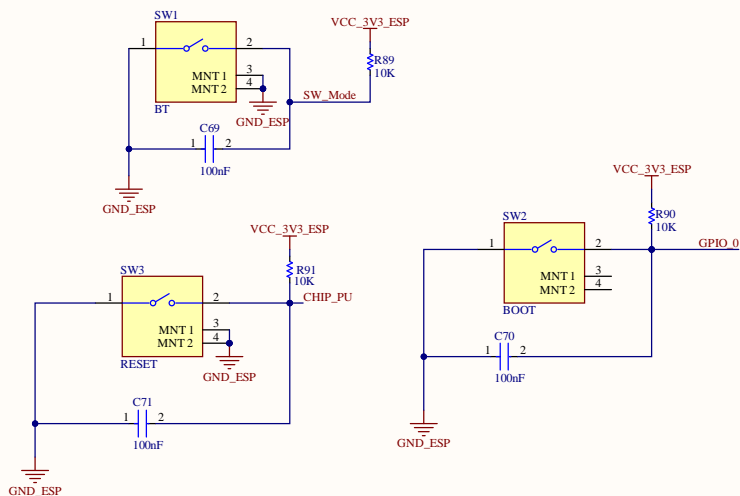
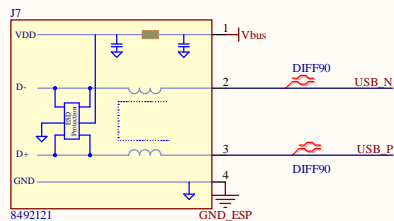


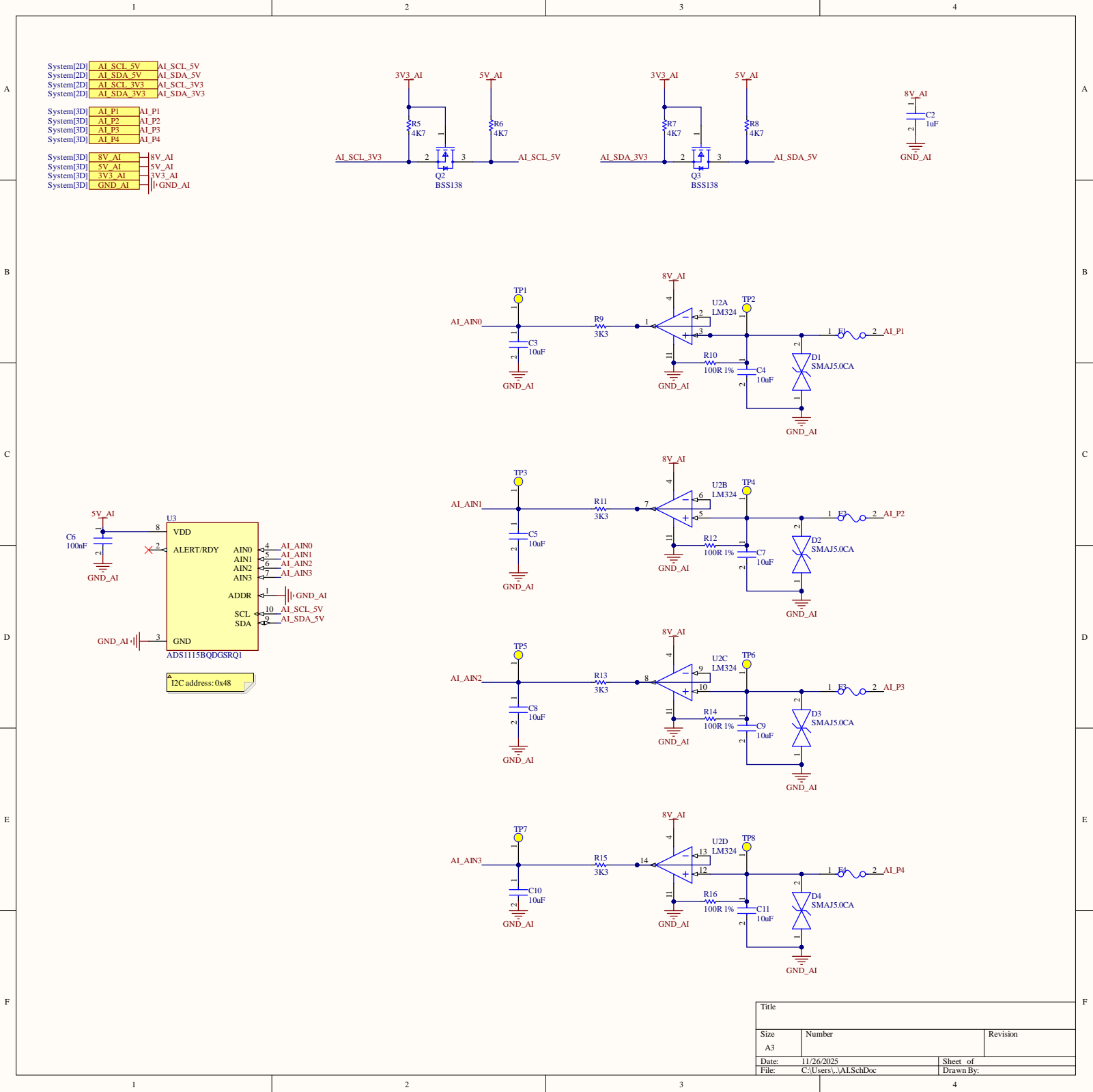
Title		
Size	Number	Revision
A3		
Date:	11/26/2025	Sheet of
File:	C:\Users\...SystemSchDoc	Drawn By:



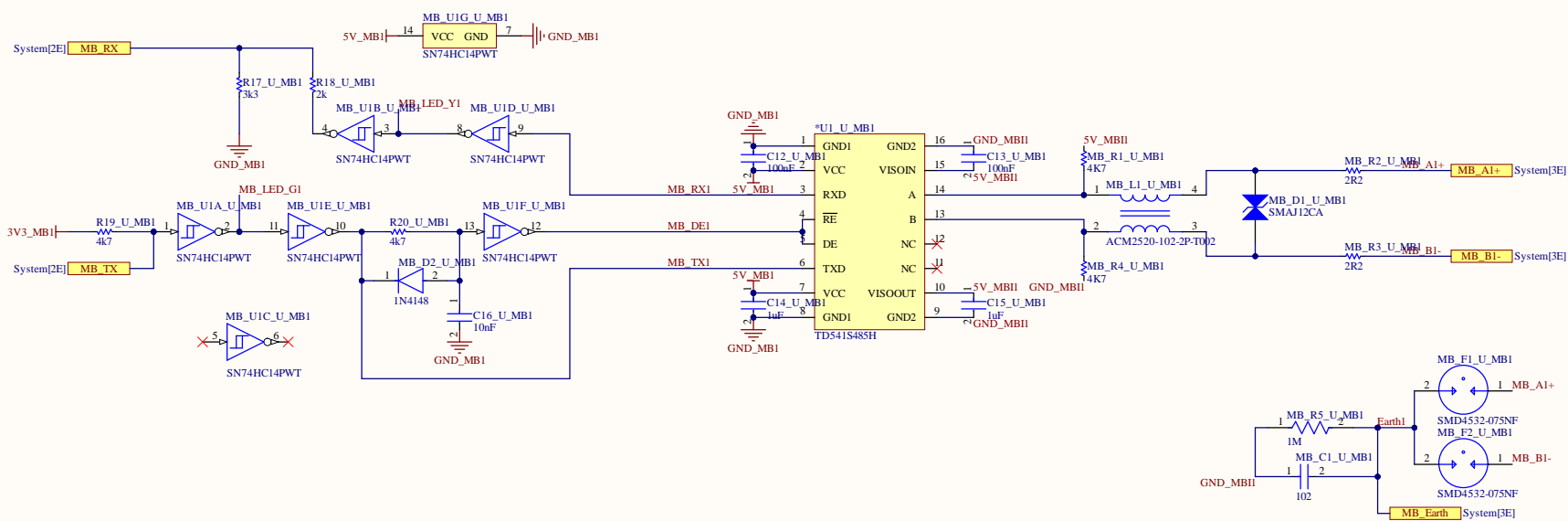
For boards with Octal SPI flash/PSRAM memory embedded ESP32-S3-WROOM-1/1U modules, and boards with ESP32-S3-WROOM-2 modules, the pins GPIO35, GPIO36 and GPIO37 are used for the internal communication between ESP32-S3 and SPI flash/PSRAM memory, thus not available for external use.



Title		
Size	Number	Revision
A3		
Date:	11/26/2025	Sheet of
File:	C:\Users\...\ESP32_SchDoc	Drawn By:

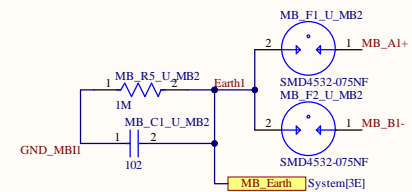
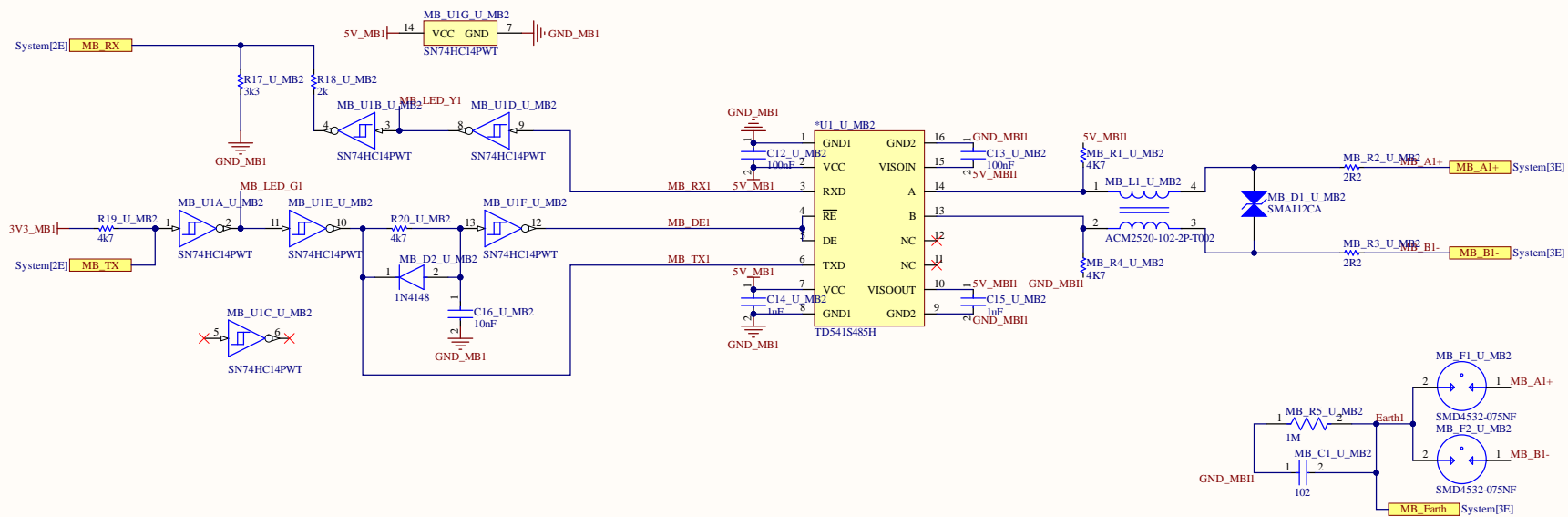


Title		
Size	Number	Revision
A3		
Date:	11/26/2025	Sheet of
File:	C:\Users\...\AI\SchDoc	Drawn By:

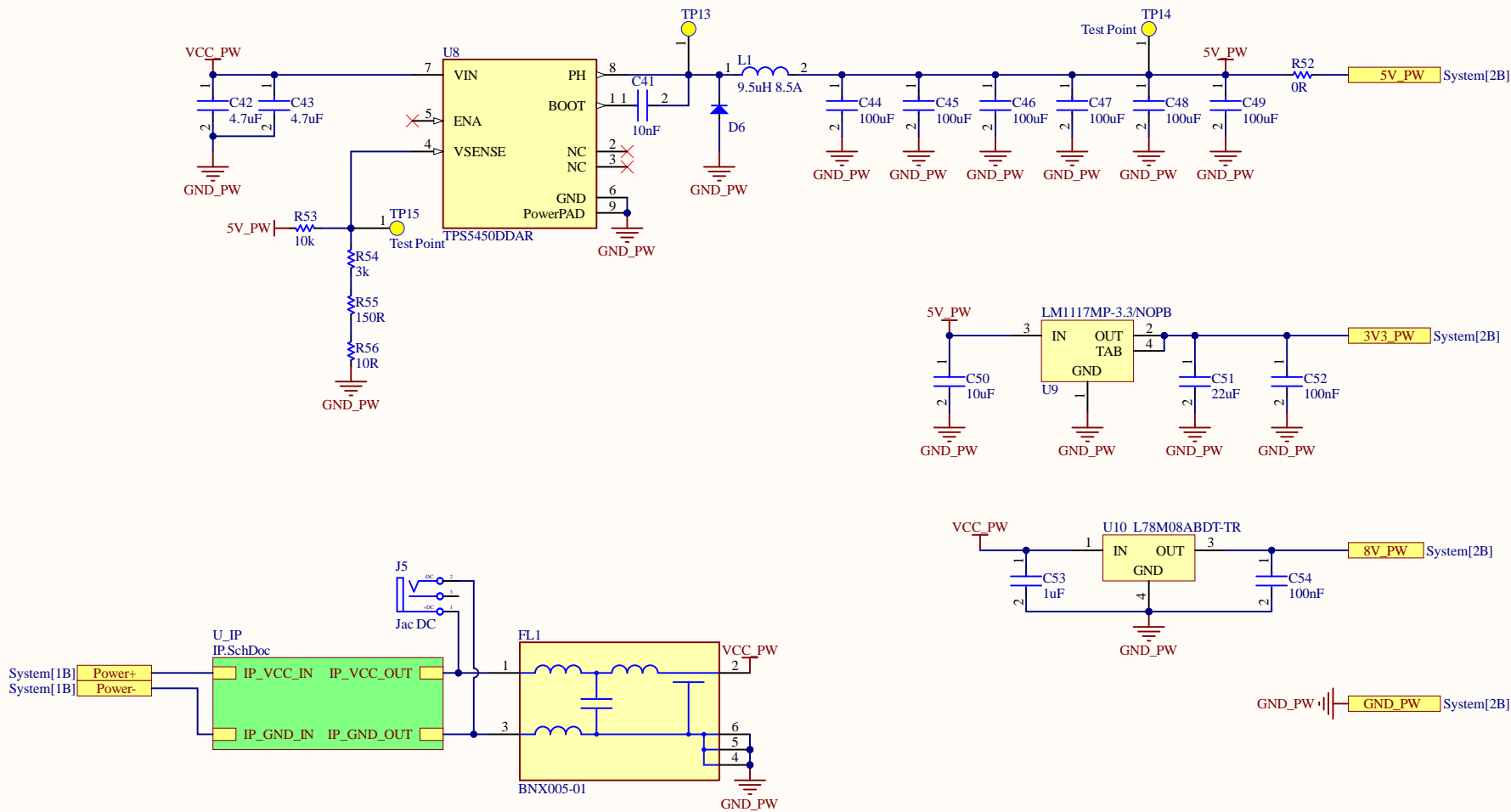


Title		
Size A3	Number	Revision
Date:	11/26/2025	Sheet of
File:	C:\Users\JMB\SchDoc	Drawn By:

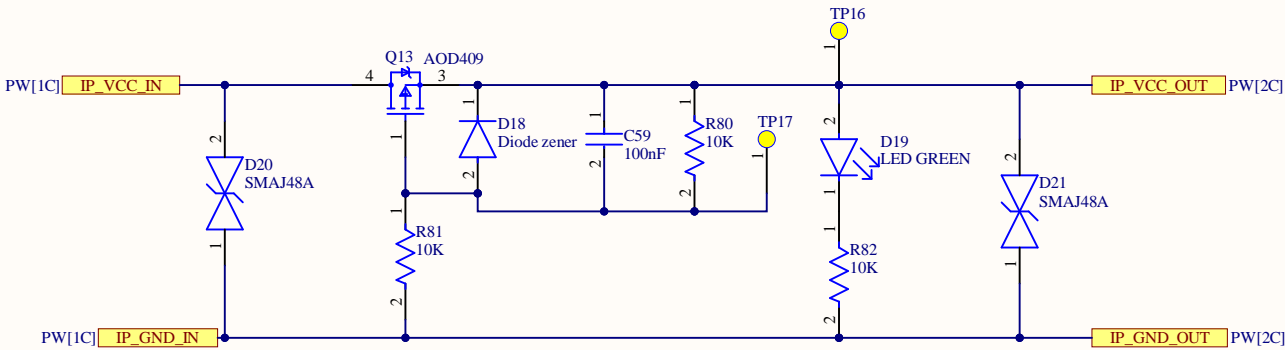
System[3F] 5V\_MB 5V\_MB1  
System[3F] 3V3\_MB 3V3\_MB1  
System[3F] GND\_MB GND\_MB1



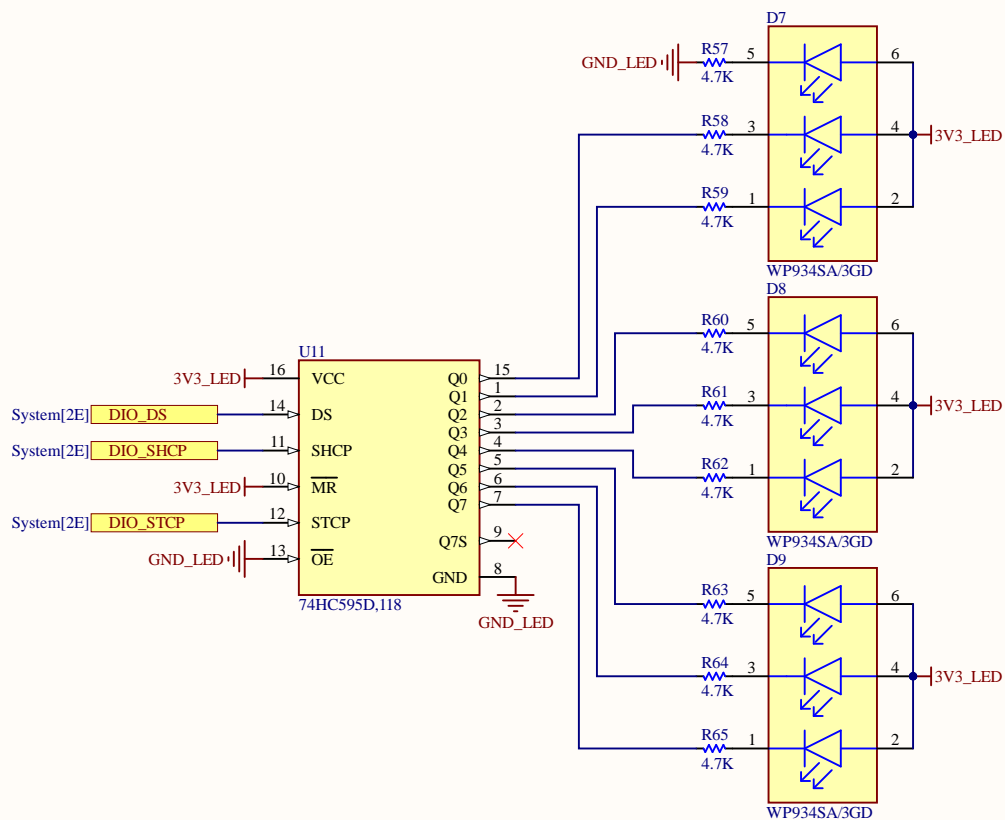
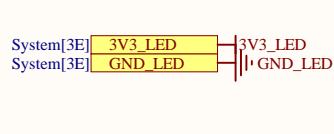
Title		
Size	Number	Revision
A3		
Date:	11/26/2025	Sheet of
File:	C:\Users\...\MB.SchDoc	Drawn By:



Title		
Size A4	Number	Revision
Date:	11/26/2025	Sheet of
File:	C:\Users\...\PW.SchDoc	Drawn By:



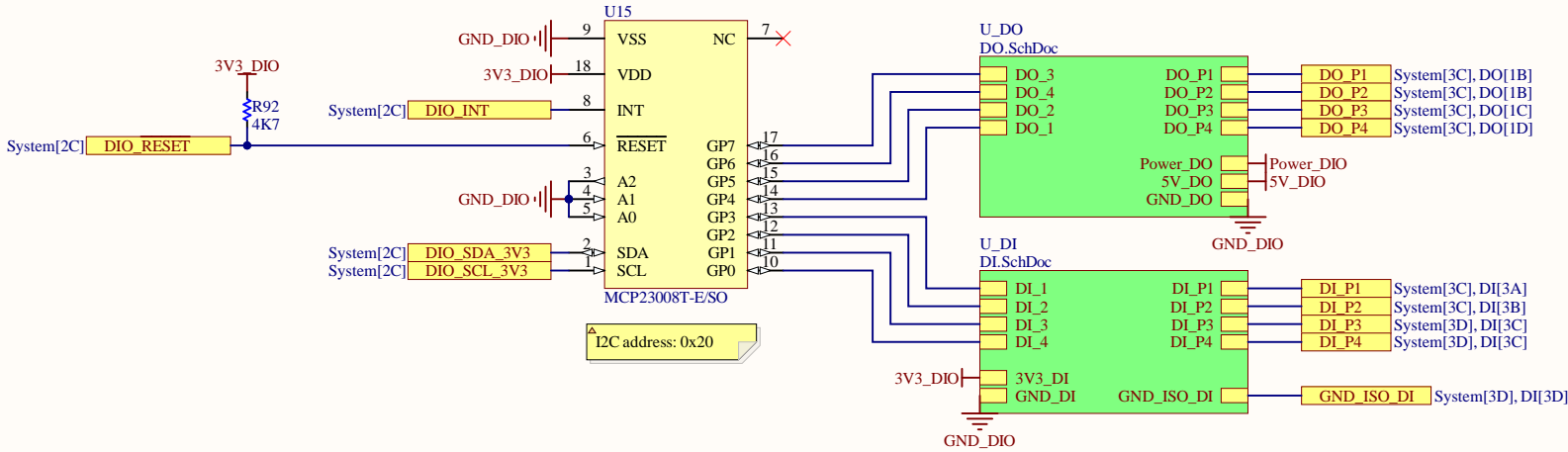
Title		
Size	Number	Revision
A4		
Date:	11/26/2025	Sheet of
File:	C:\Users\...\IP.SchDoc	Drawn By:



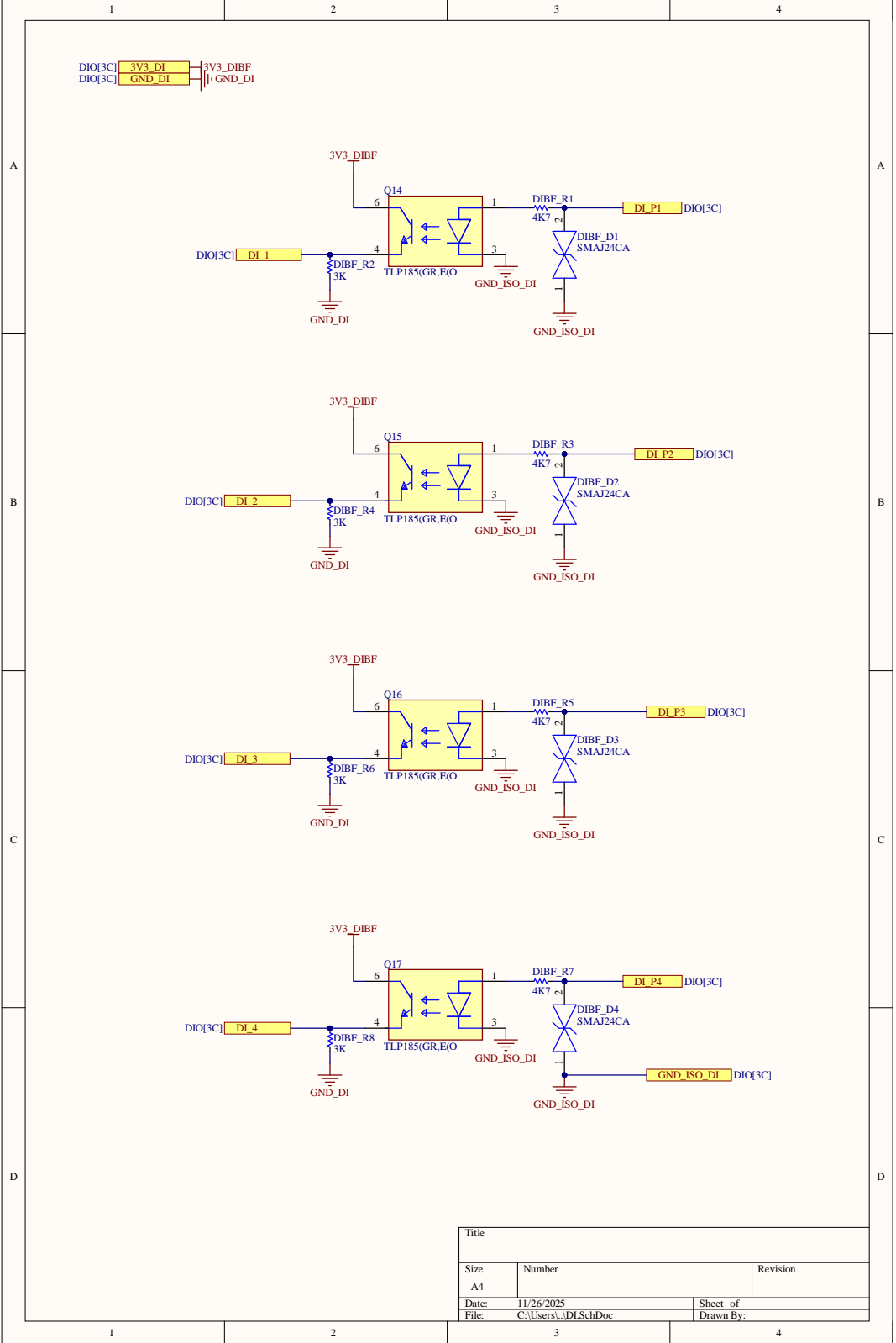
Title		
Size A4	Number	Revision
Date: 11/26/2025	Sheet of	
File: C:\Users\...\LED.SchDoc	Drawn By:	

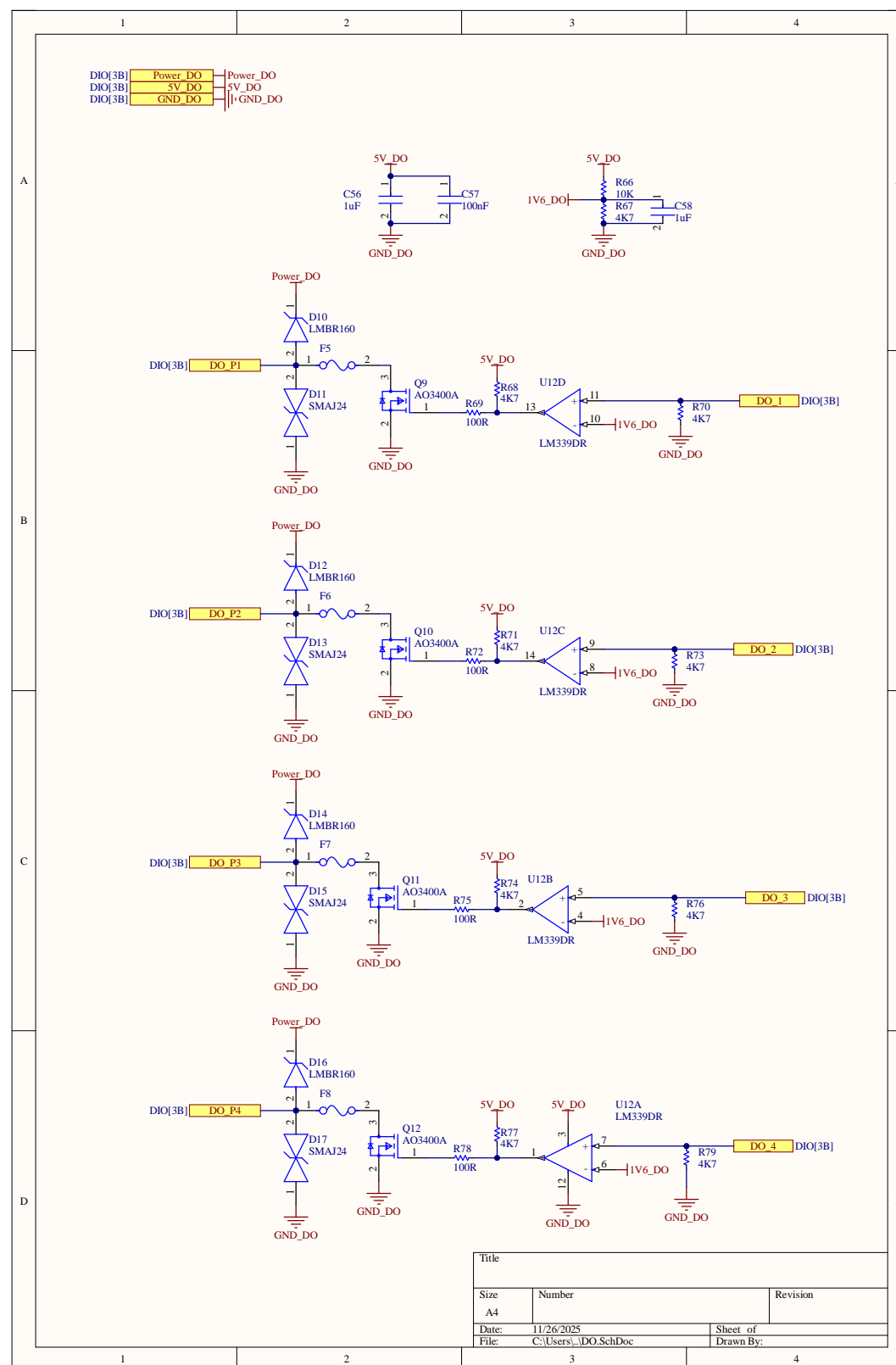


System[3D] Power\_DIO  
System[3D] 5V\_DIO  
System[3D] 3V3\_DIO  
System[3D] GND\_DIO

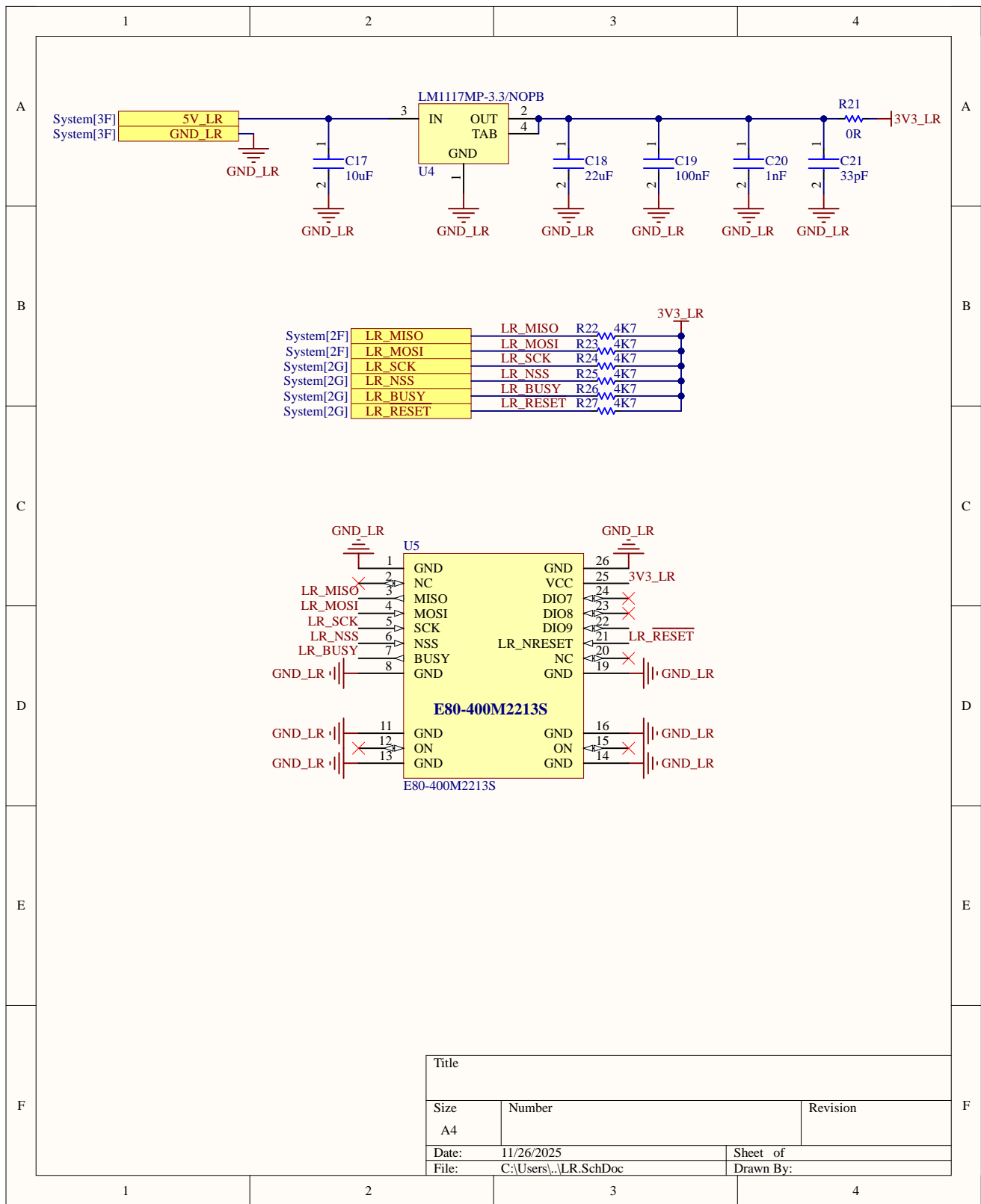


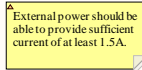
Title		
Size	Number	Revision
A4		
Date:	11/26/2025	Sheet of
File:	C:\Users\...\DIO.SchDoc	Drawn By:



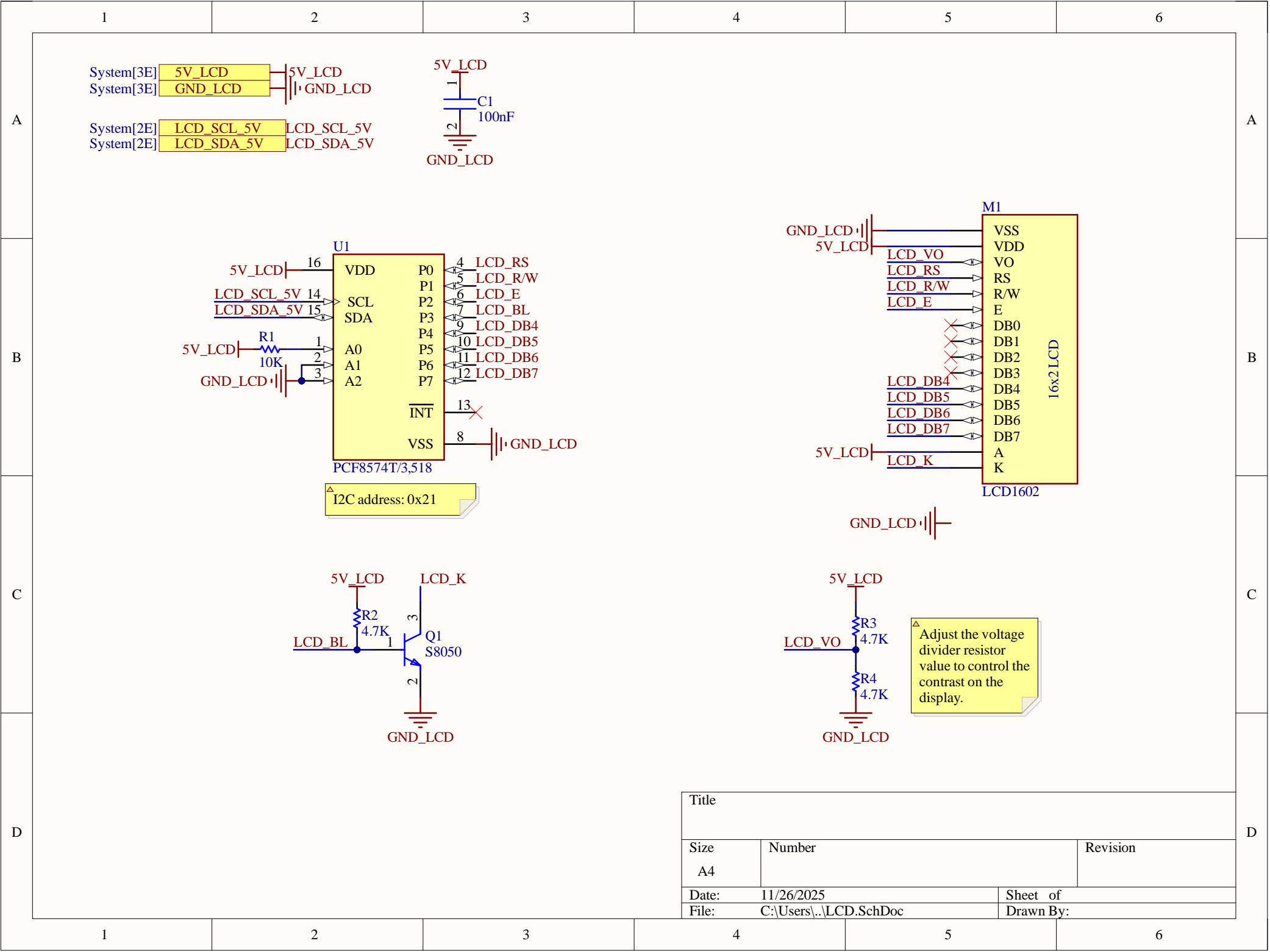


Title		
Size A4	Number	Revision
Date: 11/26/2025		Sheet of
File: C:\Users\...\DO.SchDoc		Drawn By:



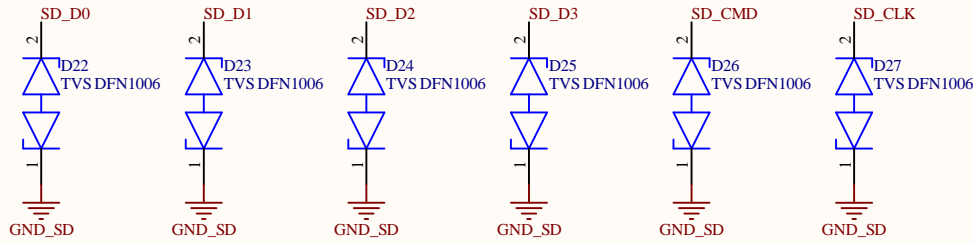
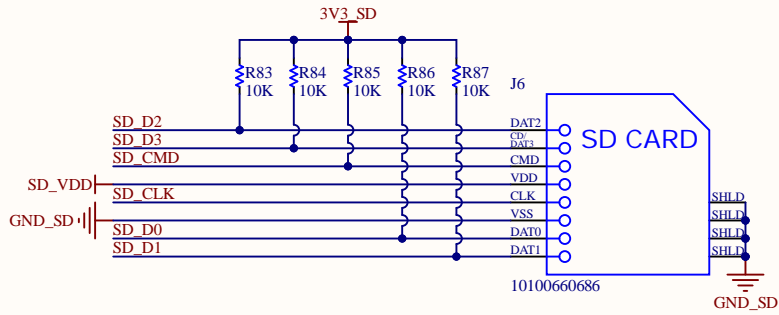
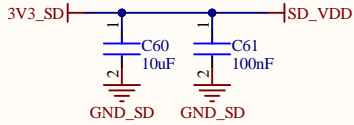


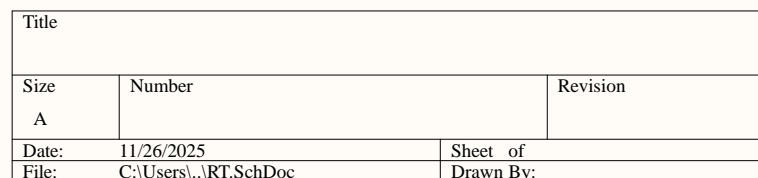
1



System[3G] 3V3\_SD 3V3\_SD  
System[3G] GND\_SD GND\_SD

System[2G] SD\_D0 SD\_D0  
System[2G] SD\_D1 SD\_D1  
System[2G] SD\_D2 SD\_D2  
System[2G] SD\_D3 SD\_D3  
System[2G] SD\_CMD SD\_CMD  
System[2G] SD\_CLK SD\_CLK







[illegible]