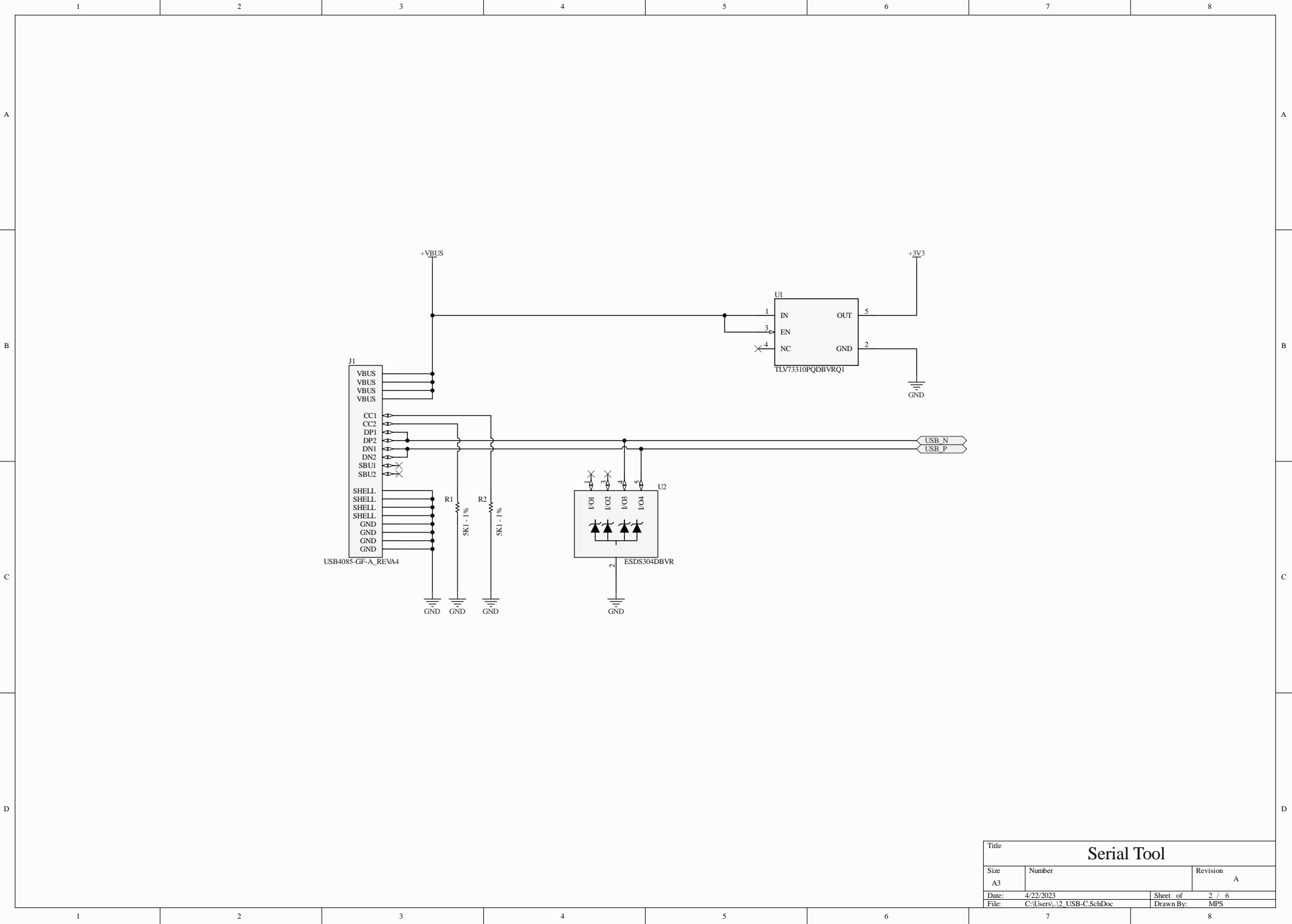


Title			Serial Tool		
Size	Number		Revision		A
A4					
Date:	4/22/2023		Sheet of	1 / 6	
File:	C:\Users\...\1_Main.SchDoc		Drawn By:	MPS	



Title			Serial Tool		
Size	Number		Revision		A
A3					
Date:	4/22/2023		Sheet of	2 / 6	
File:	C:\Users\j2\USB-C.SchDoc		Drawn By:	MPS	

A

B

C

D

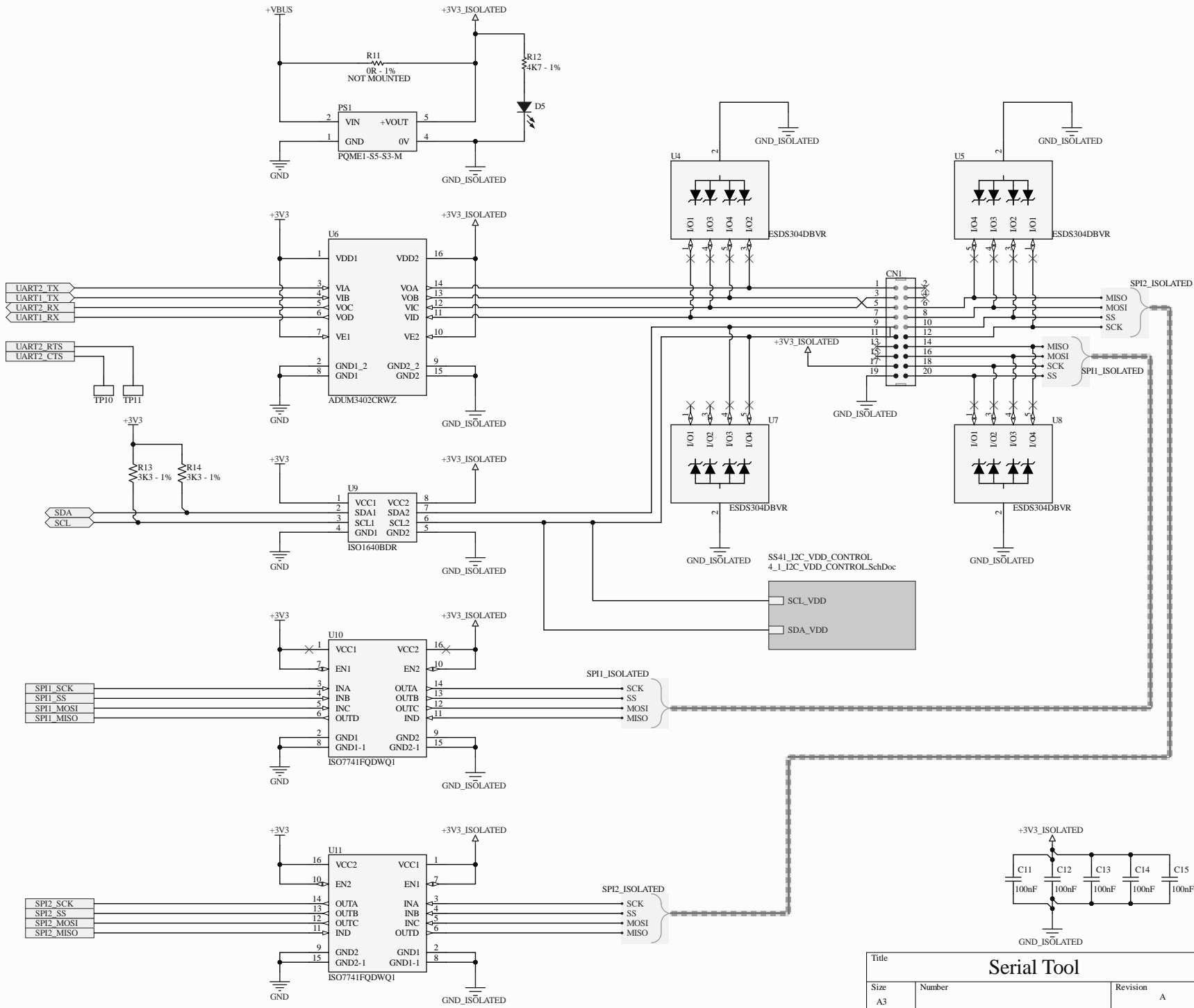
A

B

C

D


- Pinout:
- 1 UART2_TX
 - 3 UART2_RX
 - 5 UART1_TX
 - 7 UART1_RX
 - 9 I2C_SDA
 - 11 I2C_SCL
 - 17 3V3 isolated
 - 19 GND isolated
-
- 6 MISO2
 - 8 MOSI2
 - 10 SS2
 - 12 SCK2
 - 14 MISO1
 - 16 MOSI1
 - 18 SCK1
 - 20 SS1




Title		
Serial Tool		
Size	Number	Revision
A3		A
Date:	4/22/2023	Sheet of 4 / 6
File:	C:\Users\j4\Isolation Interfaces\SchDoc	Drawn By: MPS

1	2	3	4
A			A
B			B
C			C
D			D


PAR1




PAR2



PAR3

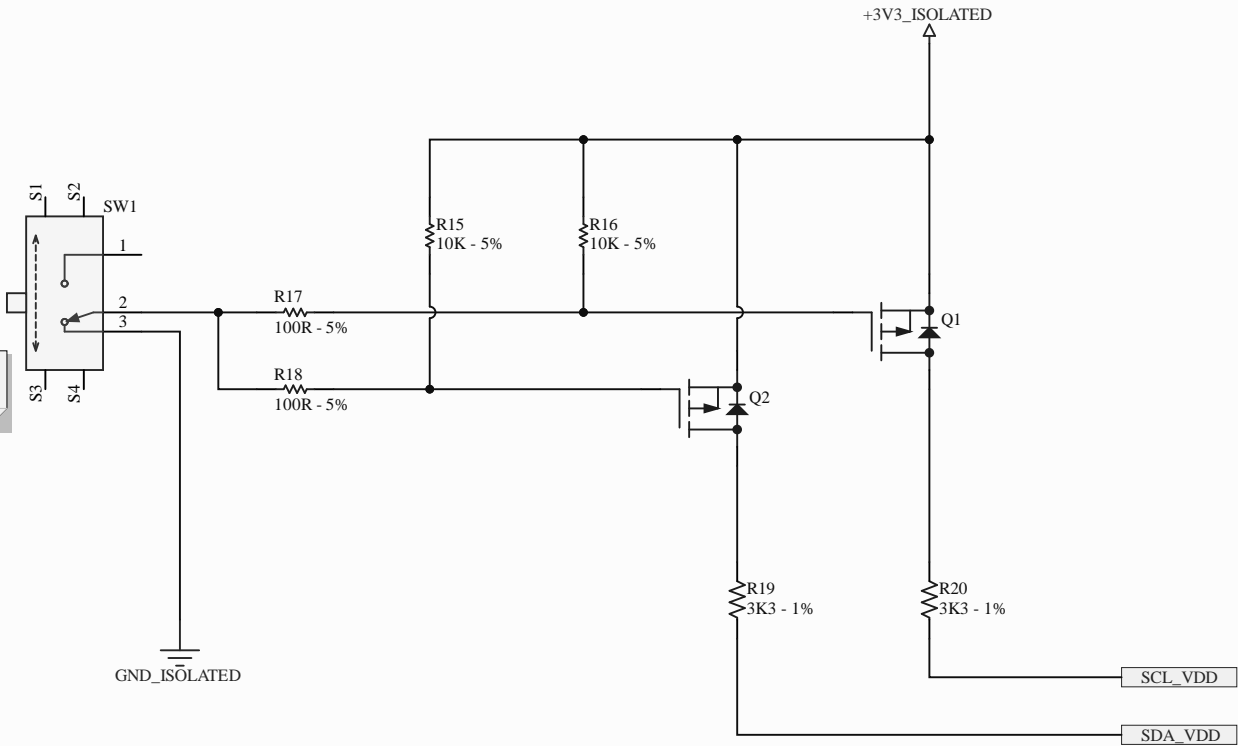


PAR4



Title			Serial Tool		
Size	Number		Revision		A
A4					
Date:	4/22/2023		Sheet of	5 / 6	
File:	C:\Users\...\5_Mechanical.SchDoc		Drawn By:	MPS	

Internal +3V3 for I2C ON/OFF control.



Title			
Serial Tool			
Size	Number		Revision
A4			A
Date:	4/22/2023	Sheet of	4.1 / 6
File:	C:\Users\...\4_1_I2C_VDD_CONTROL.Sch	Drawn By:	MPS