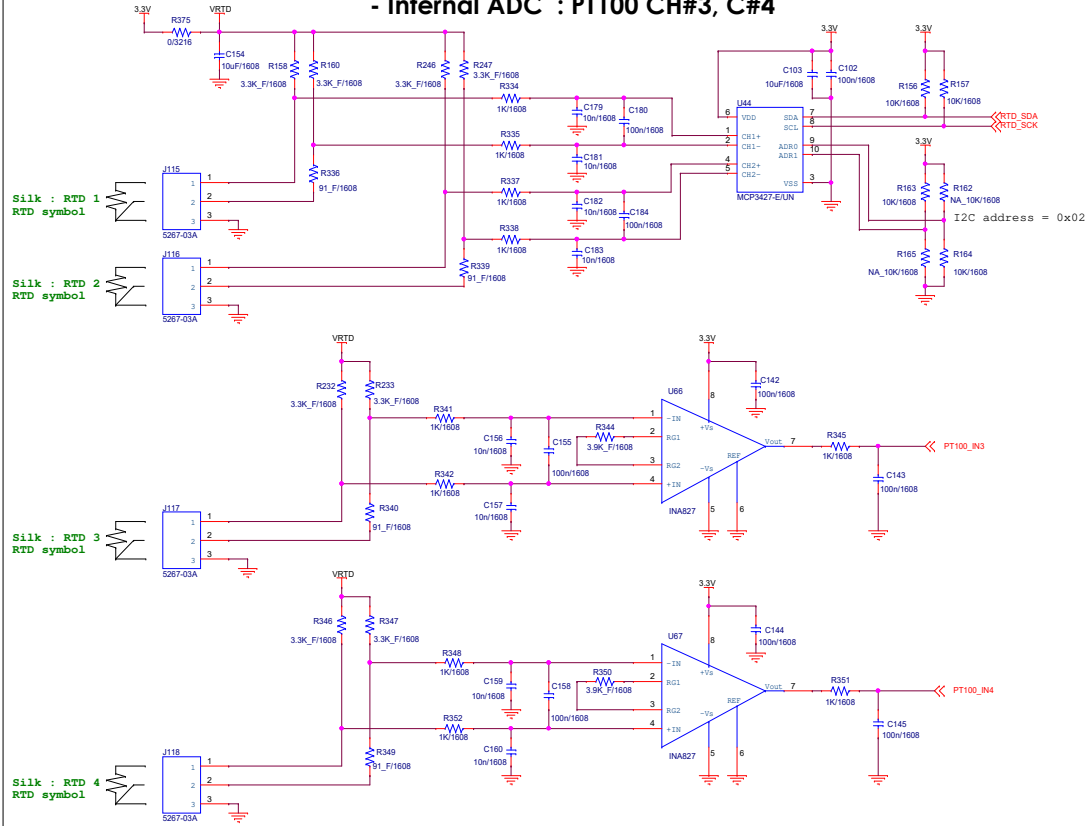


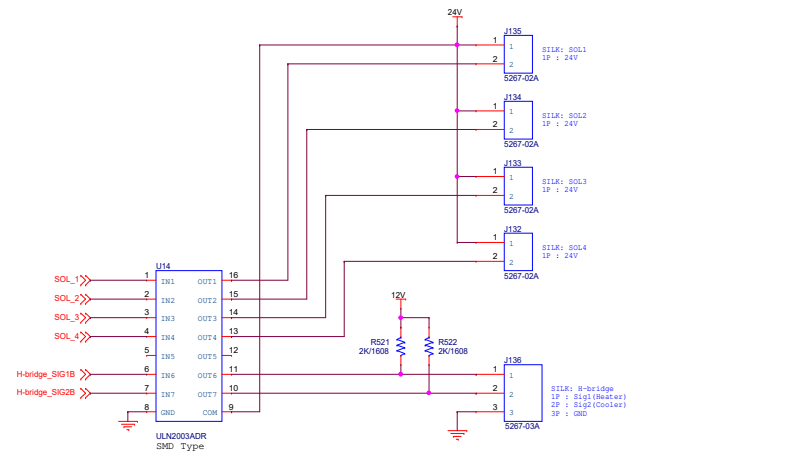
Title				
Nu-2000 Main Board				
Size A2	Document Number <Doc>			Rev 0.2
Date:	Tuesday, October 12, 2021	Sheet	1	of 5

PT100(RTD) SENSOR

- External ADC : PT100 CH#1, C#2
- Internal ADC : PT100 CH#3, C#4

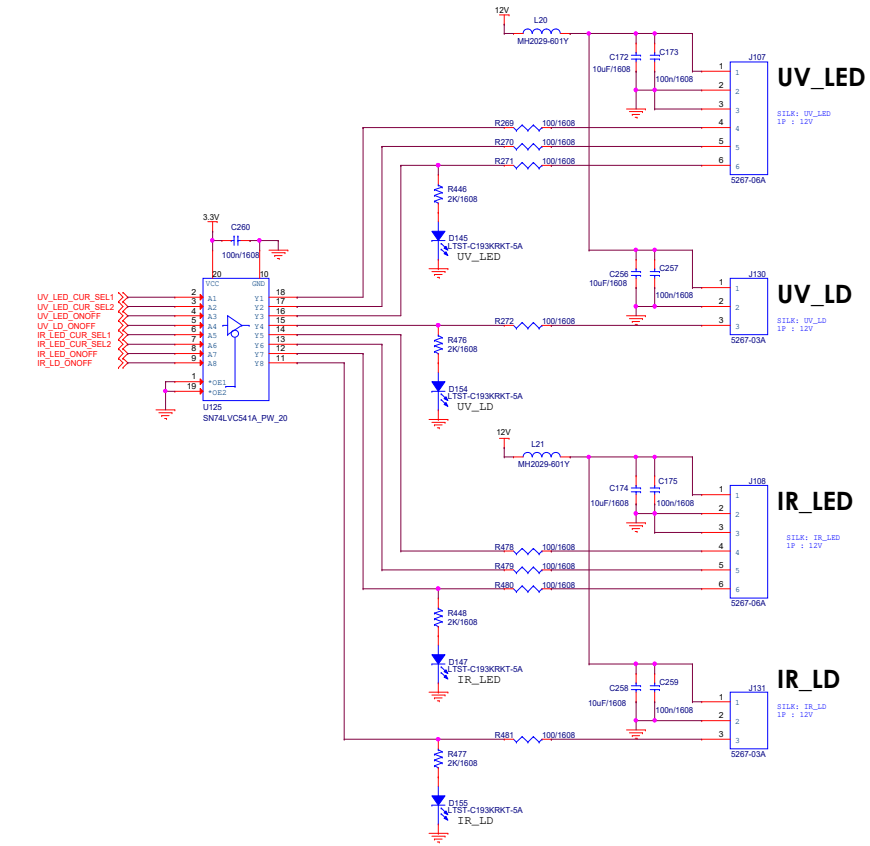


Solenoid Valve & H-bridge control

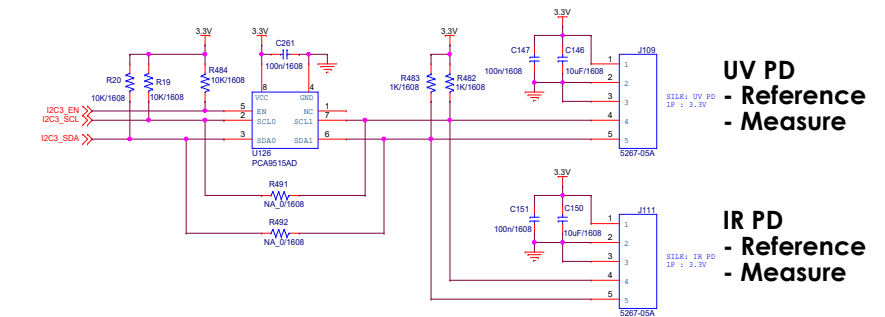


24V >> 24V
12V >> 12V
5V >> 5V
3.3V >> 3.3V

UV/IR LED/LD Control



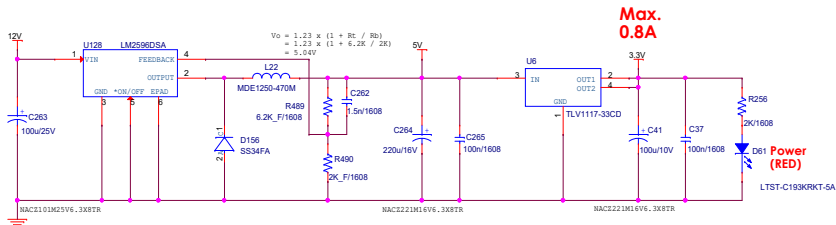
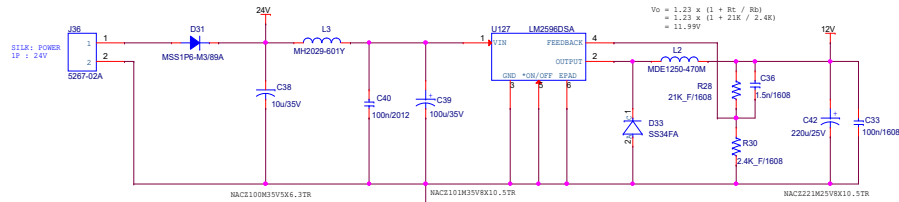
UV/IR PD



File		
Nu-2000 Main Board		
Size	Document Number	Rev
A2	<Doc>	0.2
Date:	Tuesday, October 12, 2021	Sheet 2 of 5

POWER SUPPLY

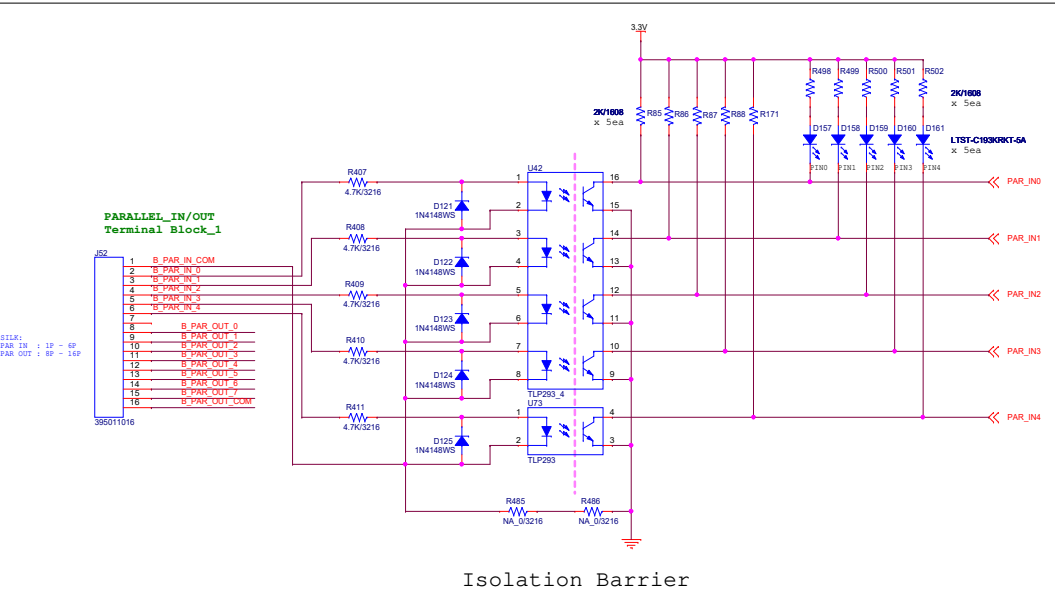
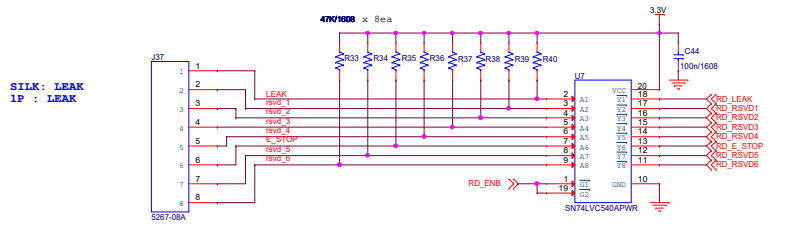
24V
12V
5V
3.3V



Max.
0.8A

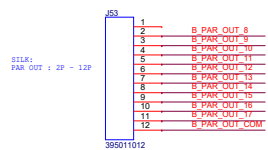
Power
(RED)

Leak Sensor Input

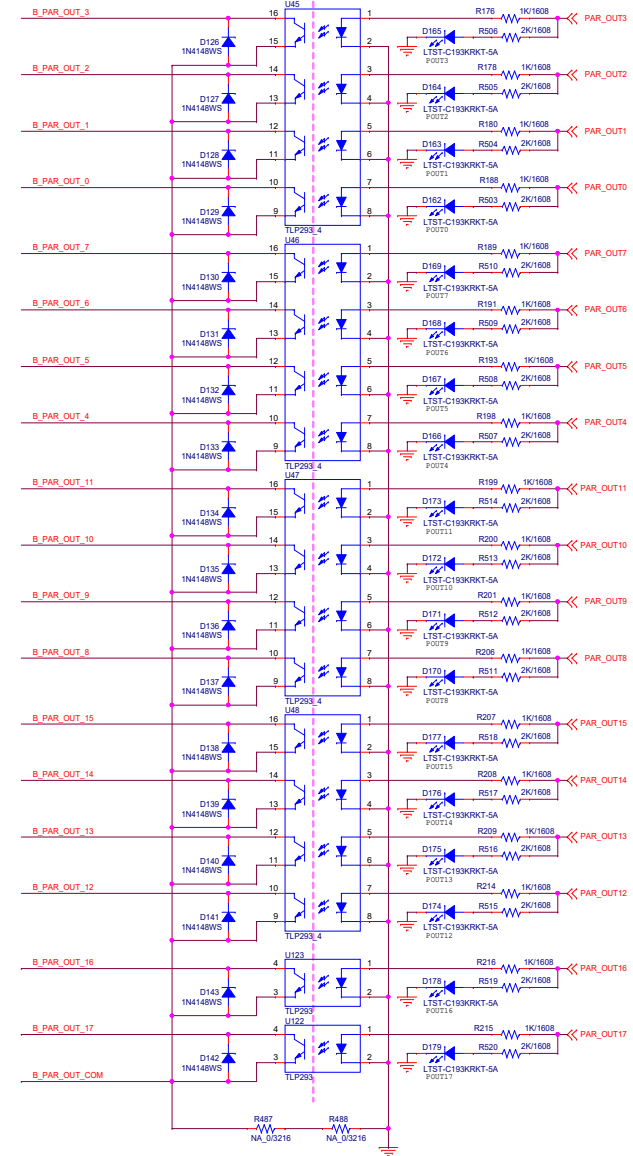


Isolation Barrier

PARALLEL_IN/OUT
Terminal Block_2

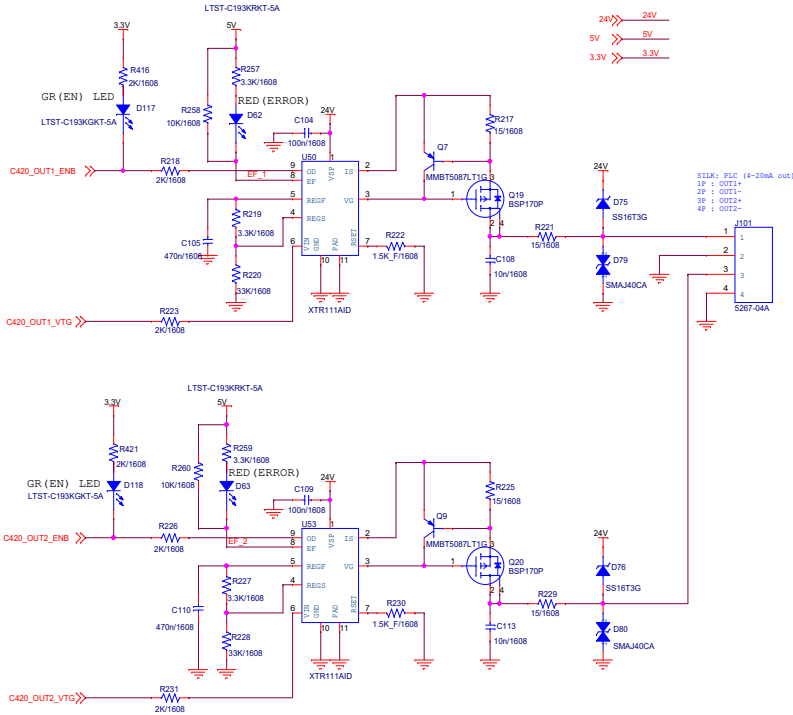


Parallel IN : 5 Ports
Parallel OUT : 18 Ports

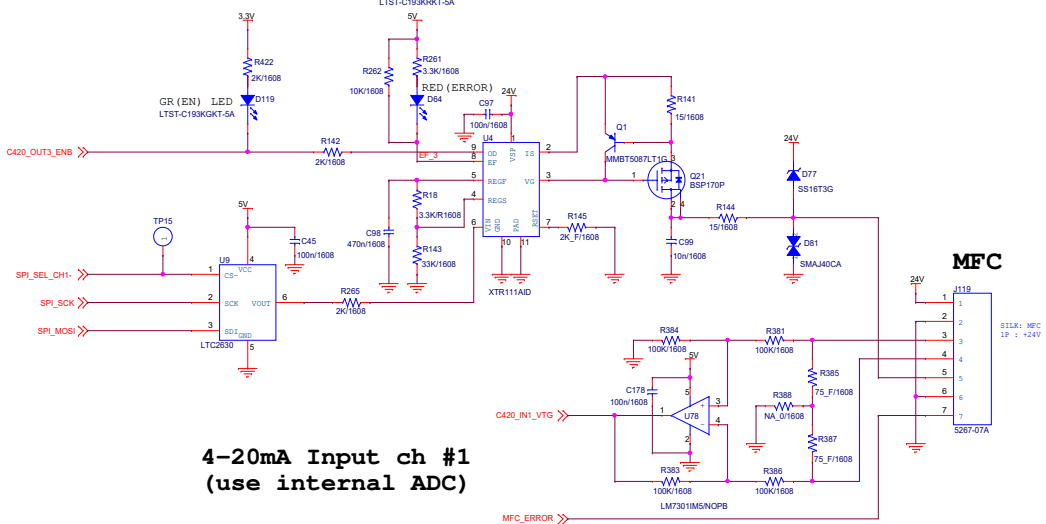


Isolation Barrier

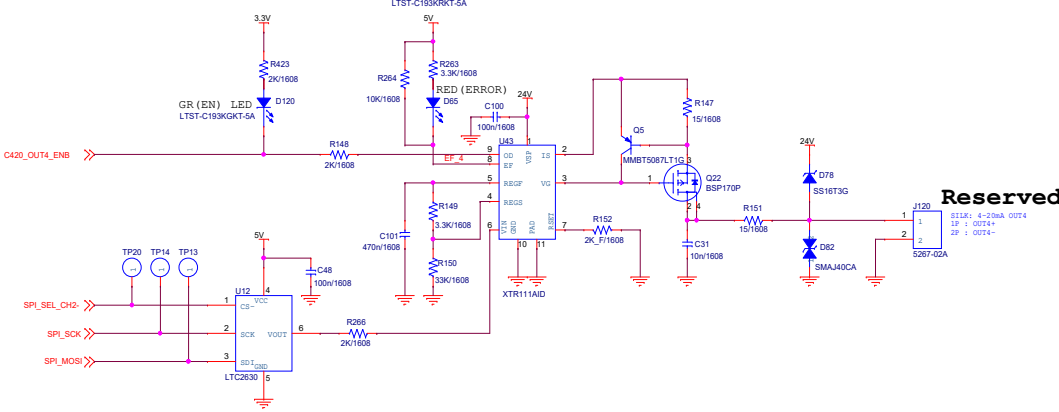
4-20mA Output ch #1, #2
(use internal DAC)



4-20mA Output ch #3
(use external DAC)

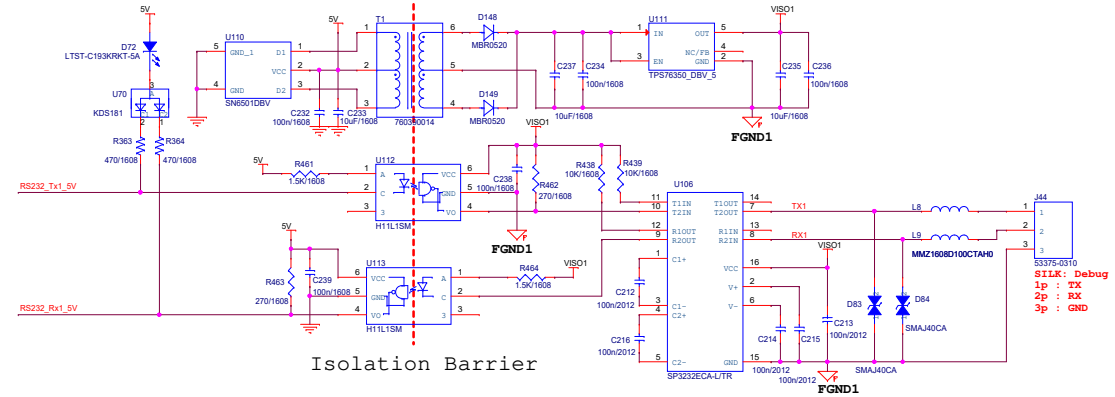


4-20mA Output ch #4 (reserved)
(use external DAC)



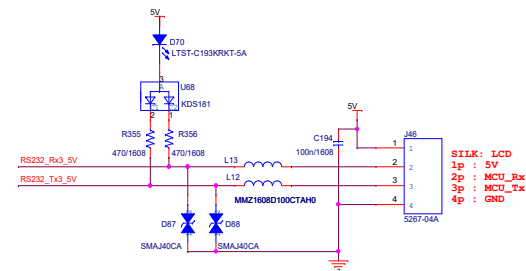
RS-232/RS-485

UART #1

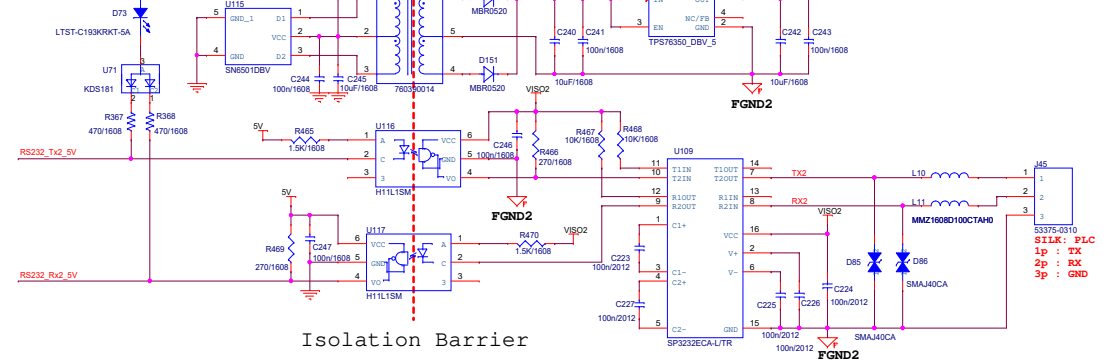


Isolation Barrier

UART #3

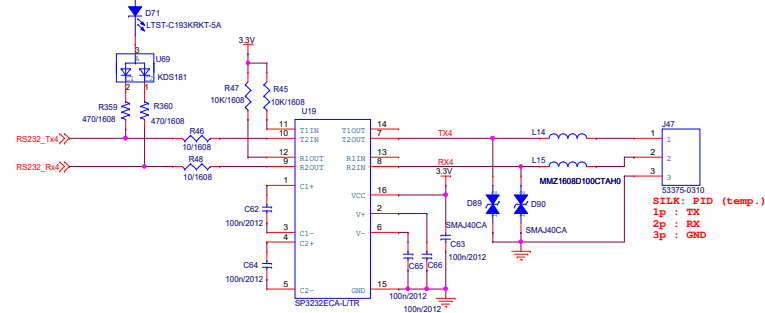


UART #2

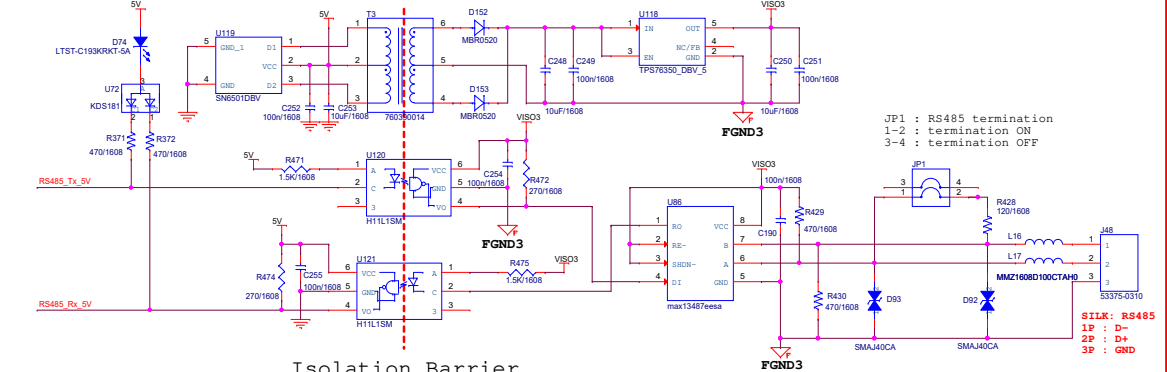


Isolation Barrier

UART #4



UART #6



Isolation Barrier

RS485 (reserved)