Schematic: reComputer Industrial J201

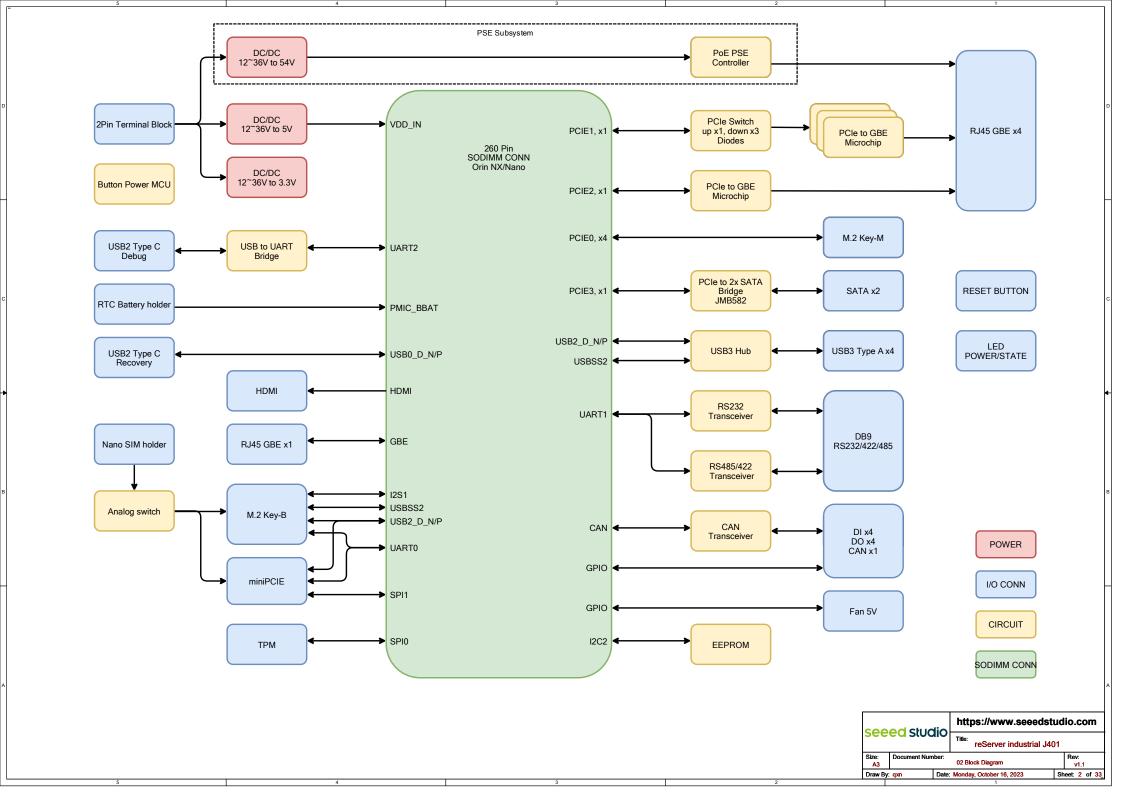
Schemati	c: reComputer Industrial
SHEET	SHEET NAME
01	Table of Contents
02	Block Diagram
03	Power Tree
04	SODIMM Connector 1/3
05	SODIMM Connector 2/3
06	SODIMM Connector 3/3
07	Power In, 5V, 3.3V_MCU
08	3.3V, 1.8V, 1.2V
09	PSE, 1.25V, 1.0V
10	Button MCU For Power Up
11	USB3.1 HUB
12	USB3.1 Type-A x2 (A)
13	USB3.1 Type-A x2 (B)
14	HDMI
15	Type C, Debug UART
16	PCIe Switch Power
17	PCIe Switch IO
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21	Fan, EEPROM, Debug
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24	TPM, IIC to IO
25	RS232/422/485
26	Gigabit Ethernet
27	PCIe to GBE0
28	PCIe to GBE1
29	PCIe to GBE2
30	PCIe to GBE3
31	SATA_Controller

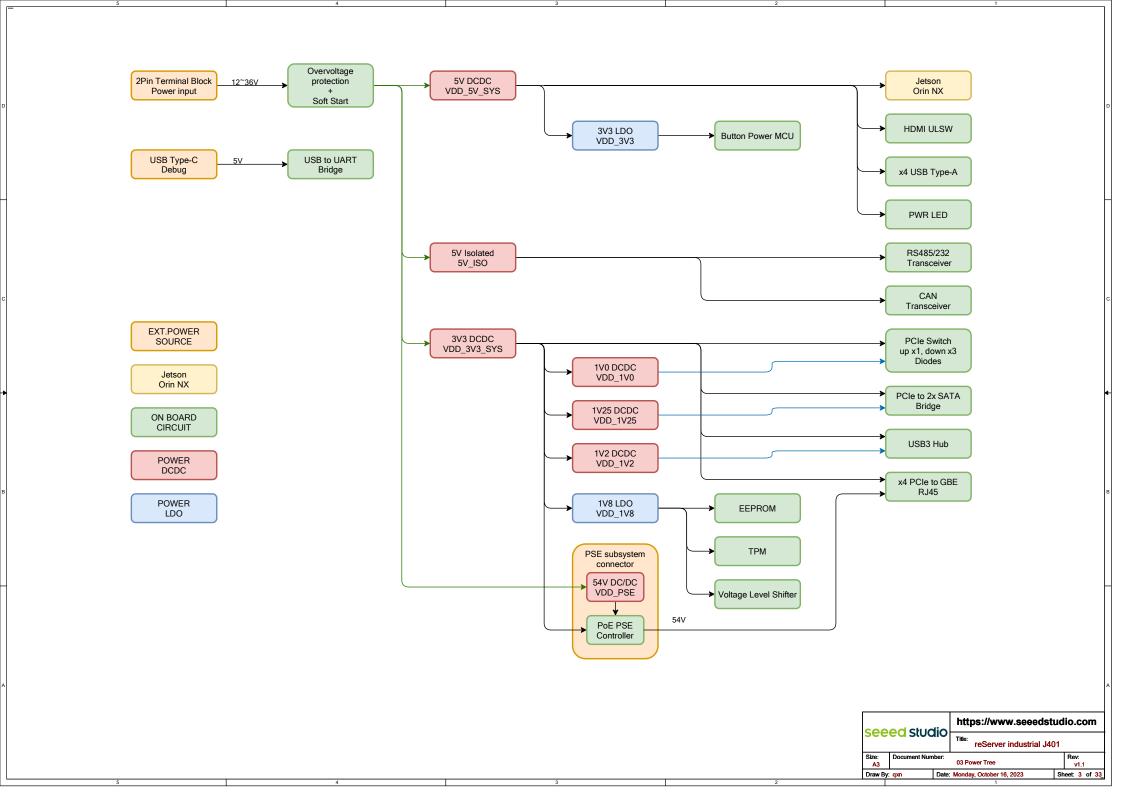
SATA_Connector

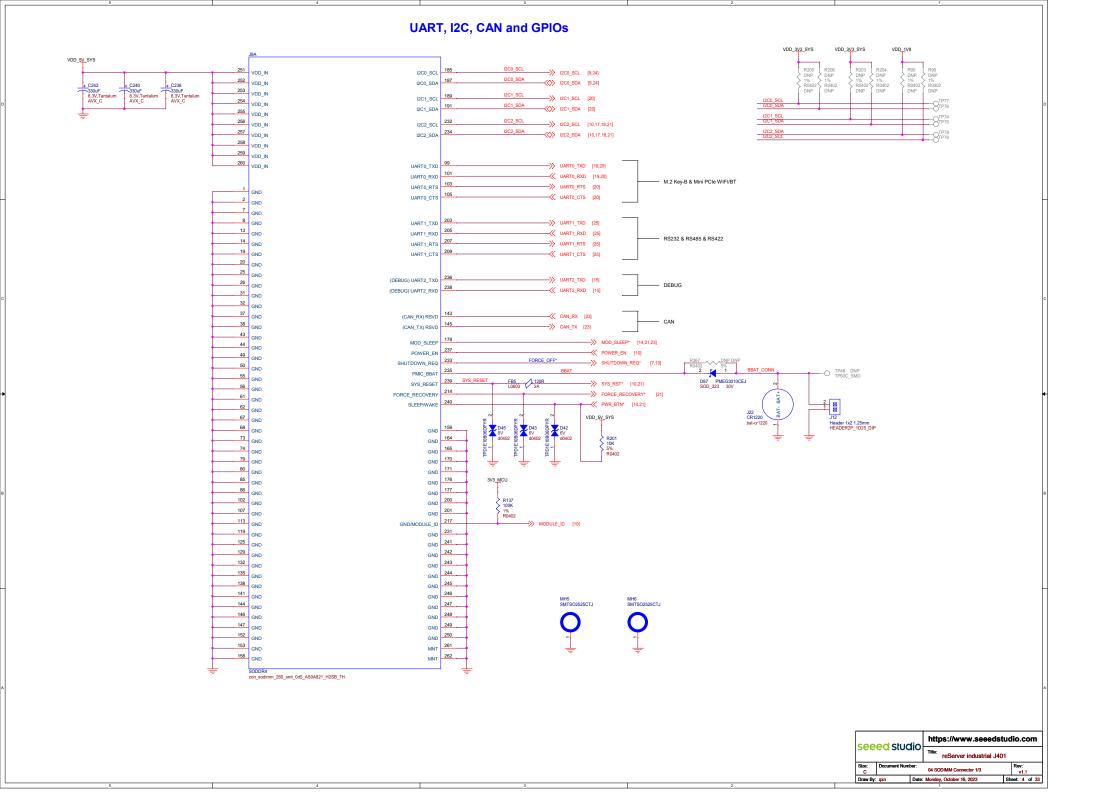
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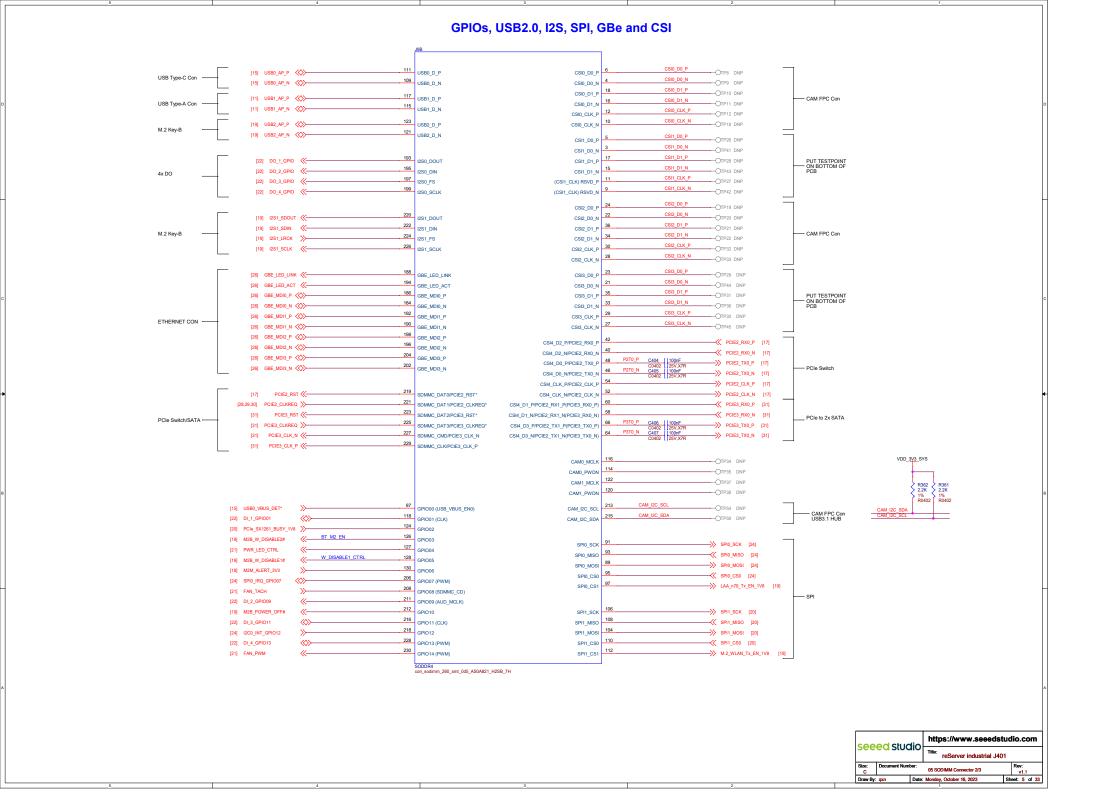
Revision History

DATE	REVISION	DESCRIPTION			
Oct. 3 2023	reServer industrial J401 Carrier Board v1.0	Initial Release.			
Oct. 16 2023	reServer industrial J401 Carrier Board v1.1	Correct power input reverse protection issue.			

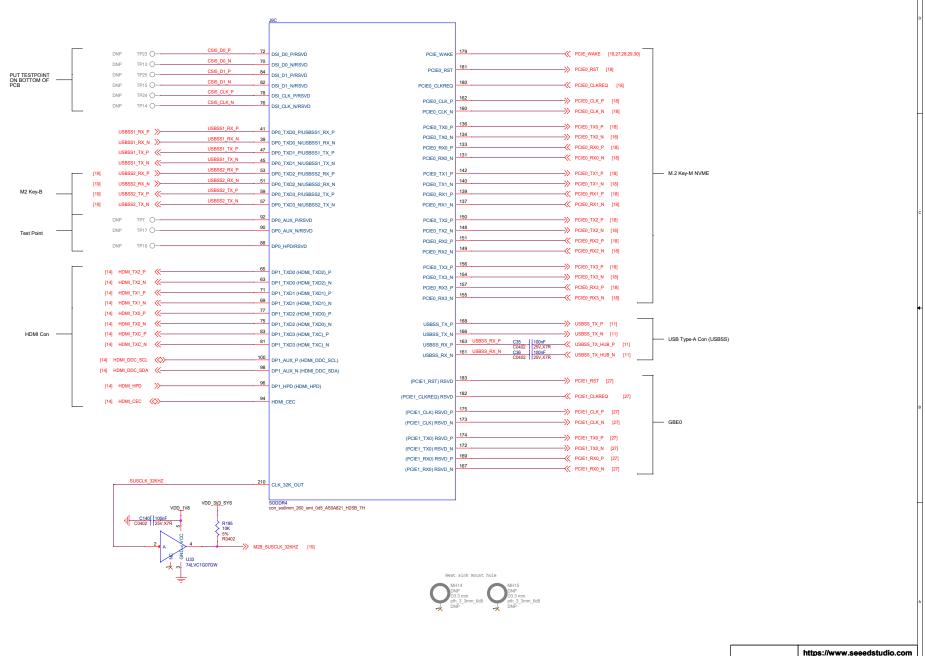








HDMI, DP, DSI, USBSS and PCIe



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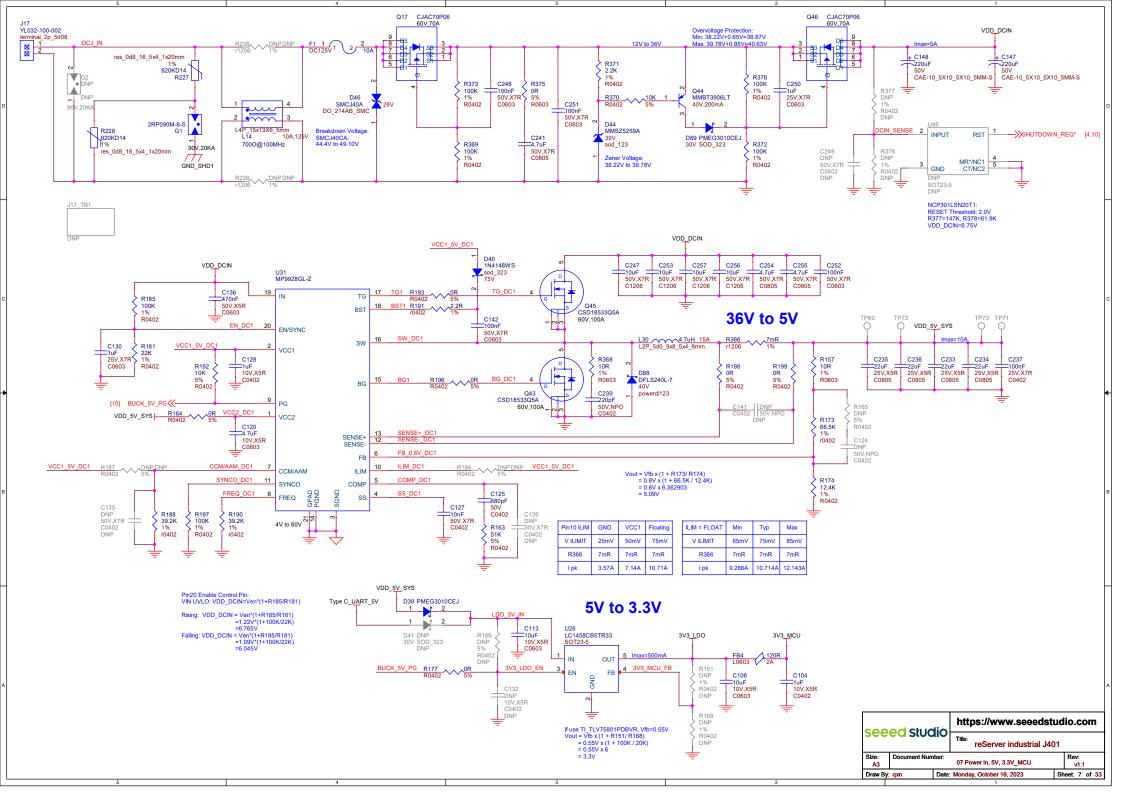
Draw By: qxn

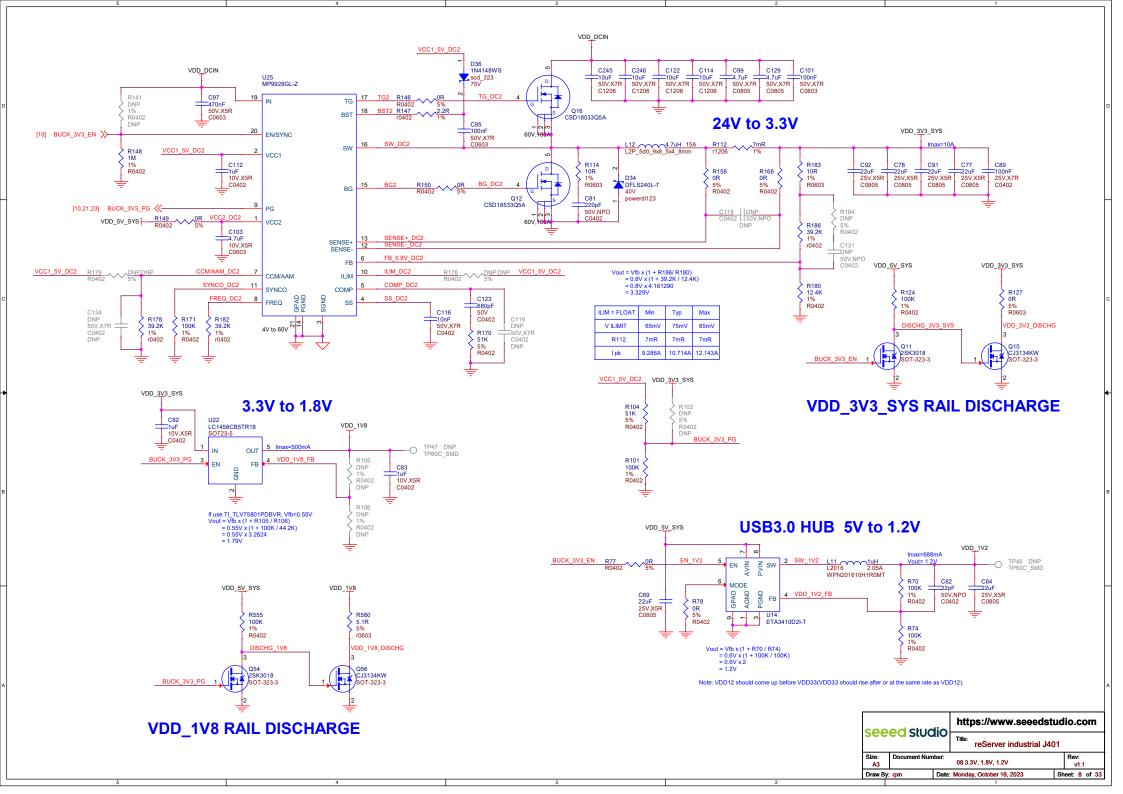
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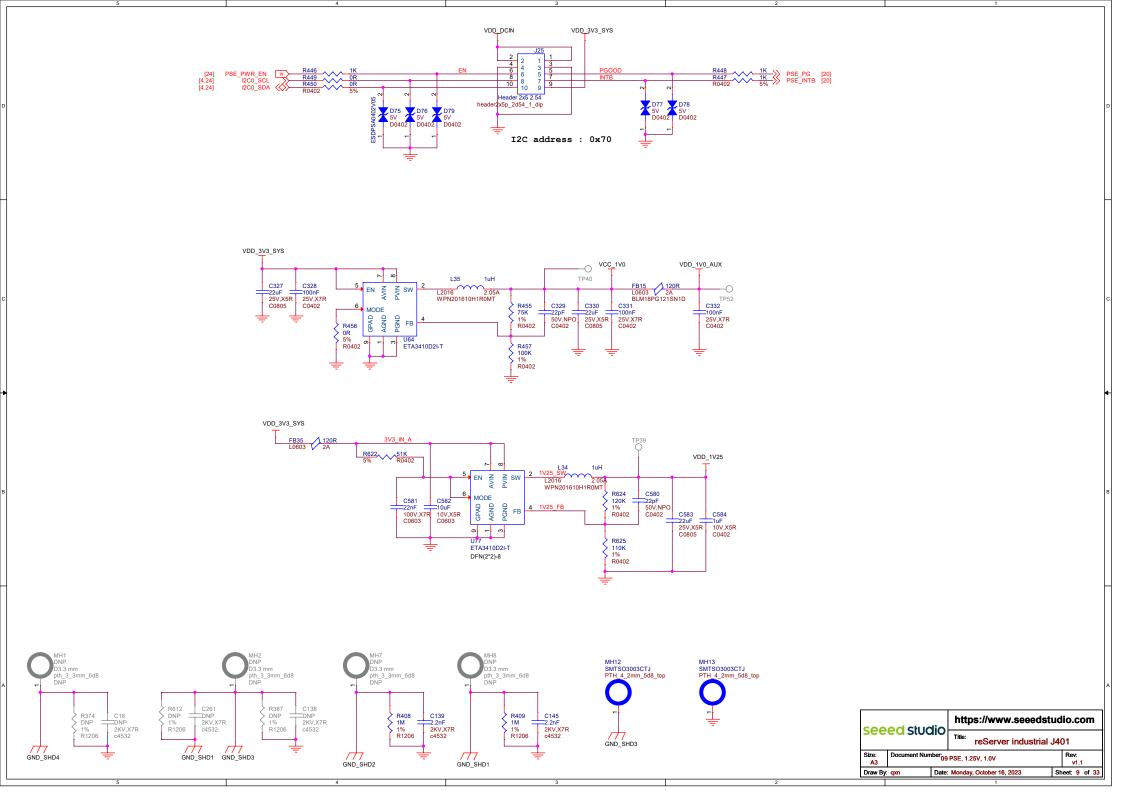
Date: Monday, October 16, 2023

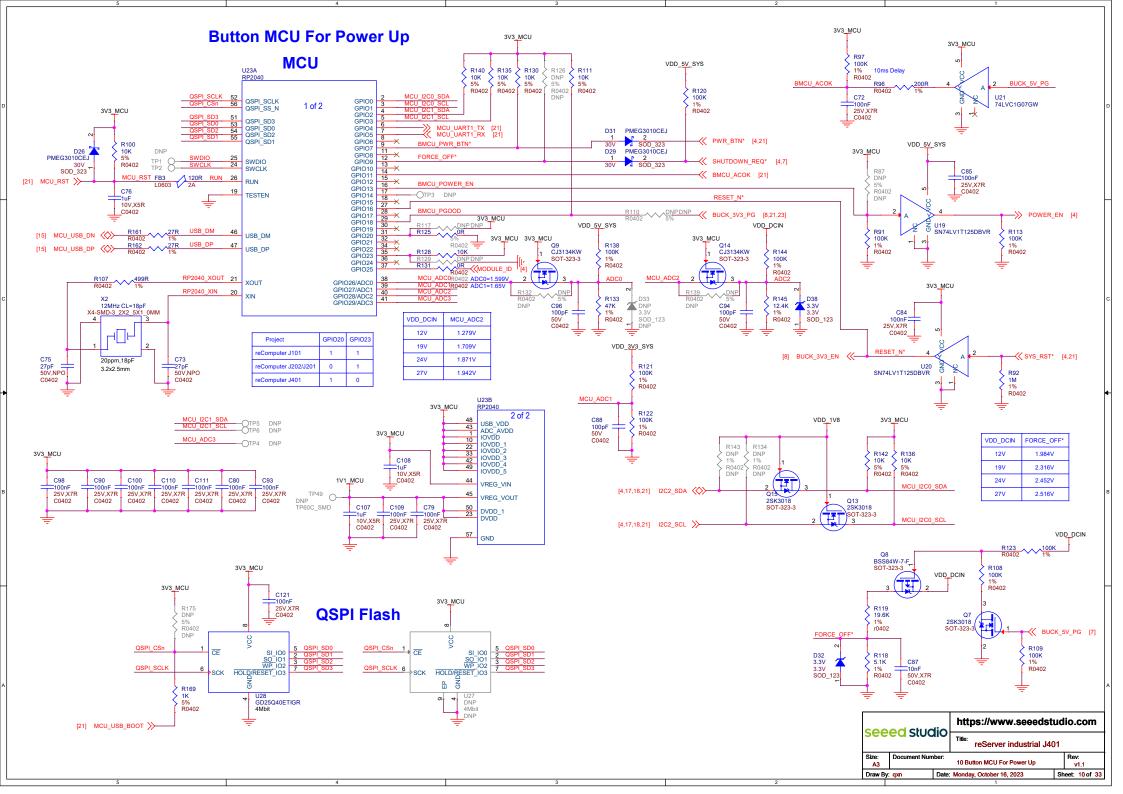
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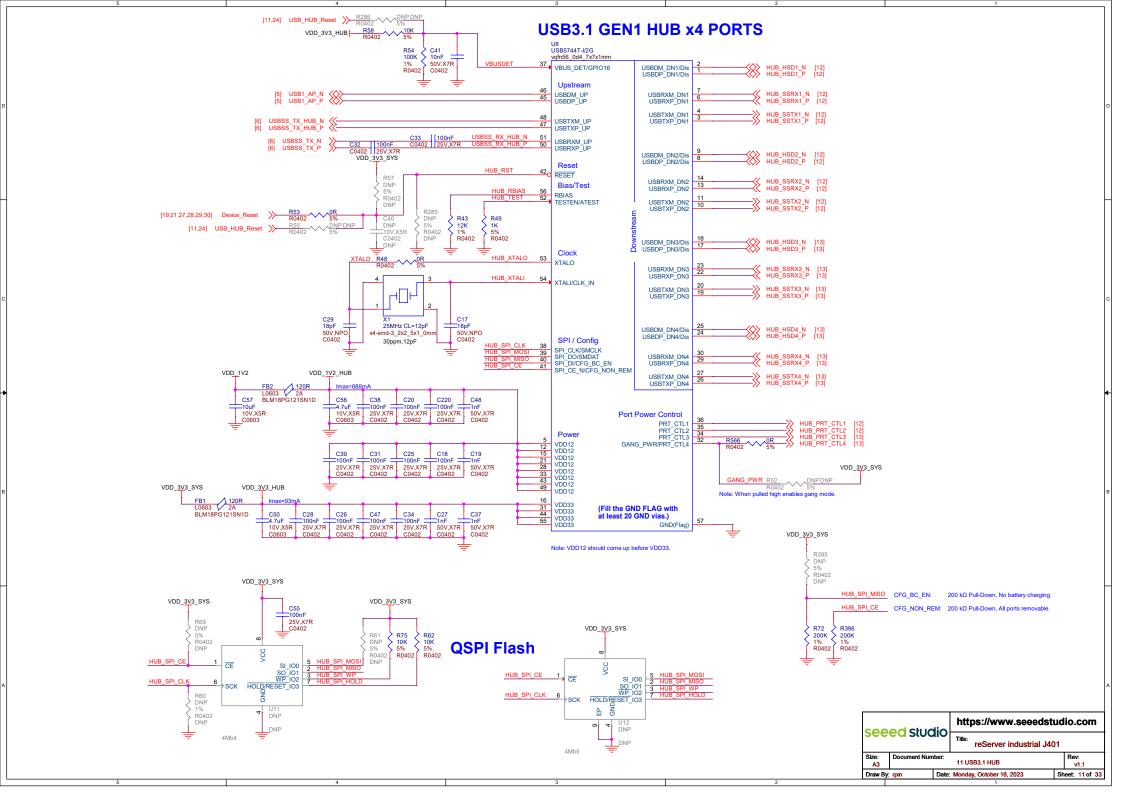
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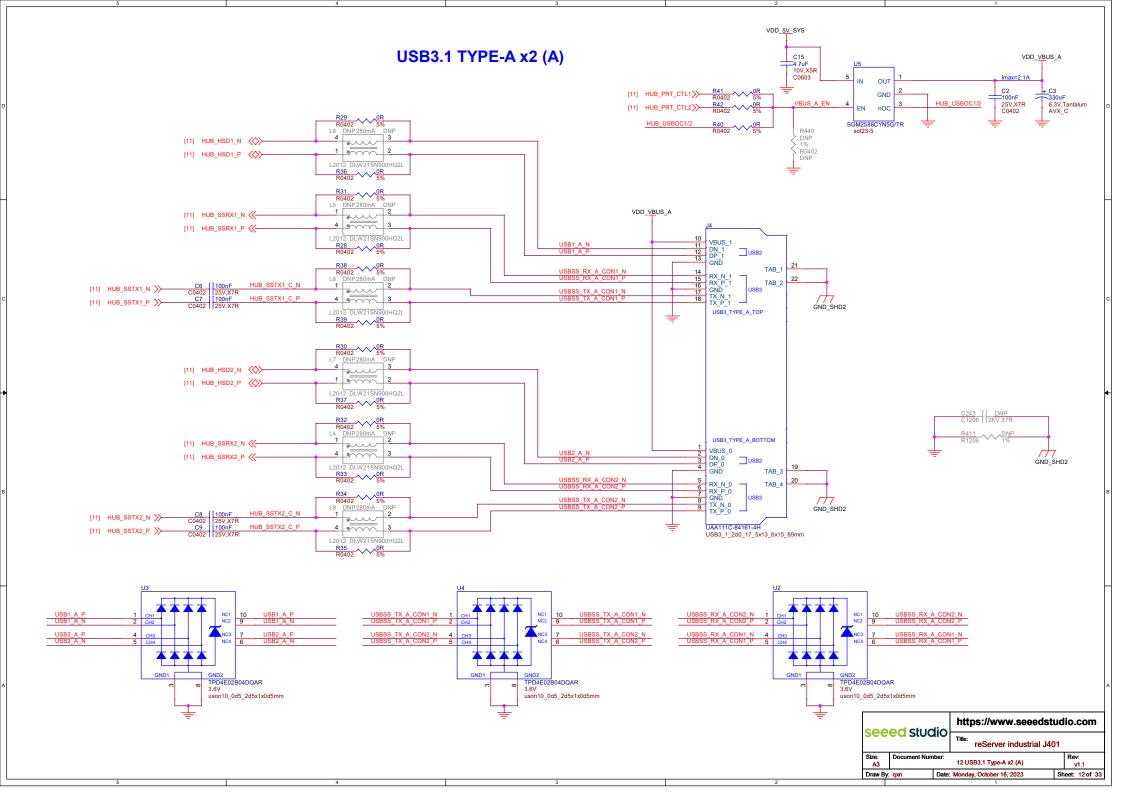


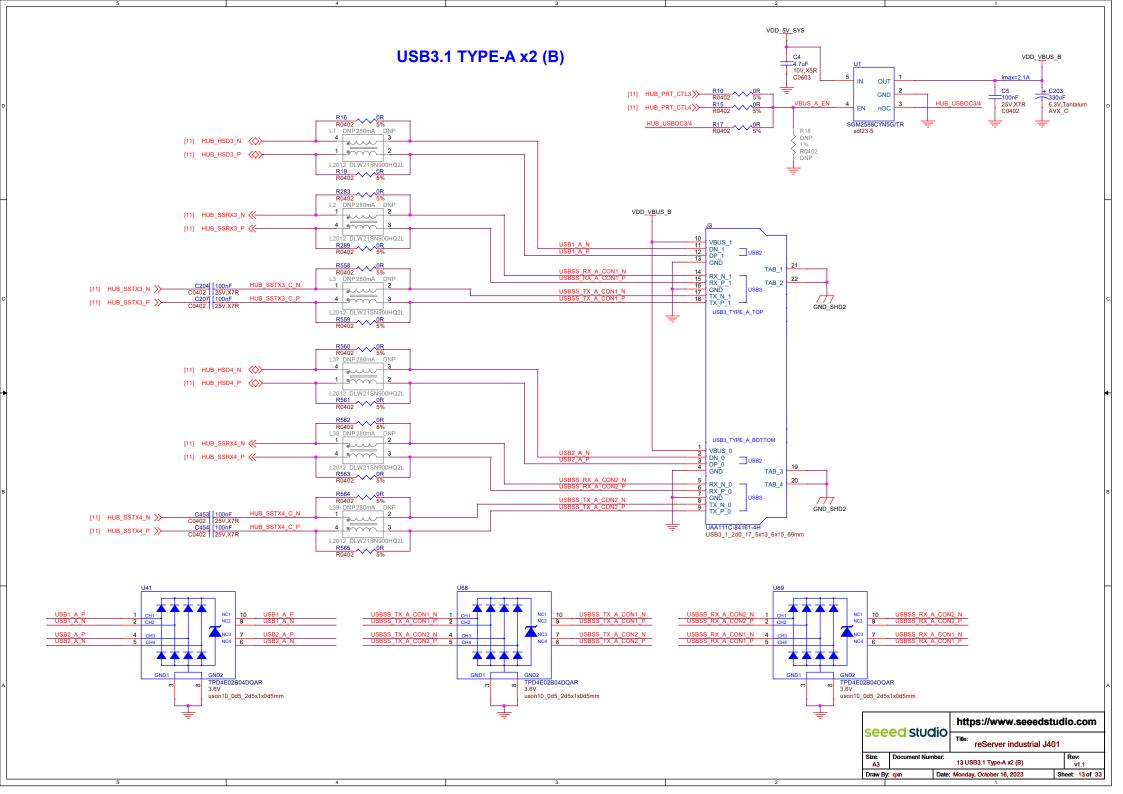


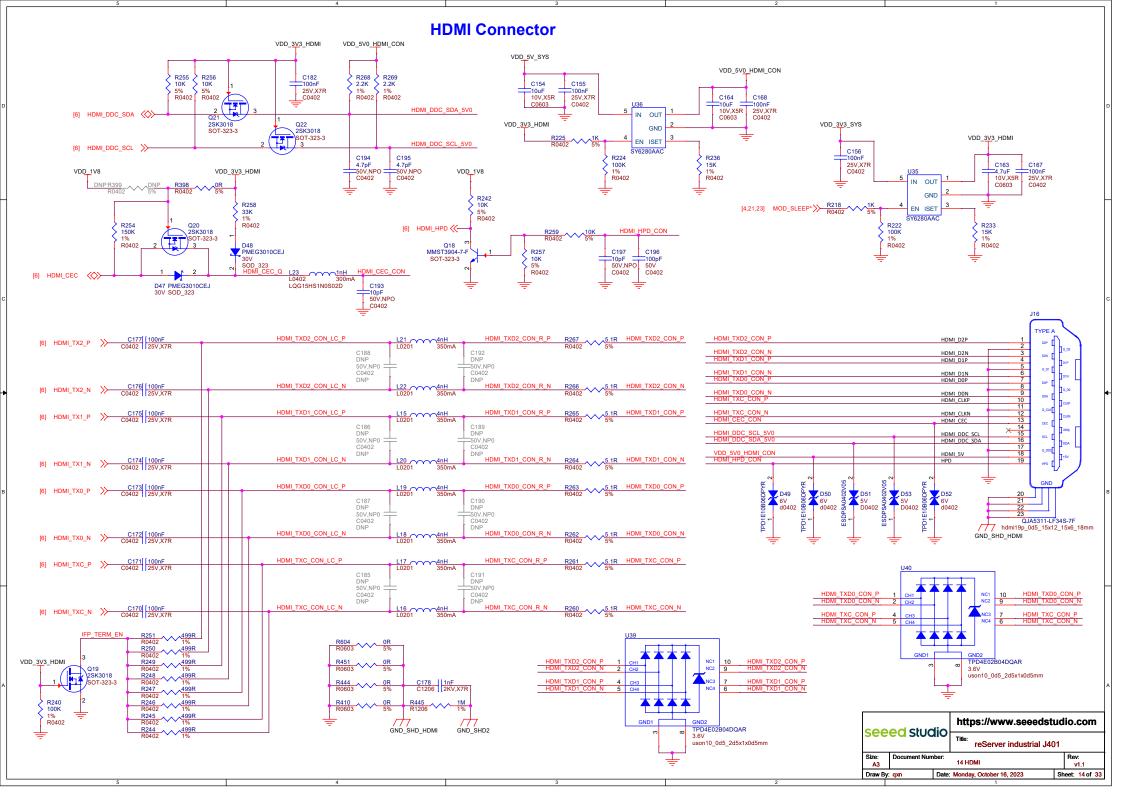


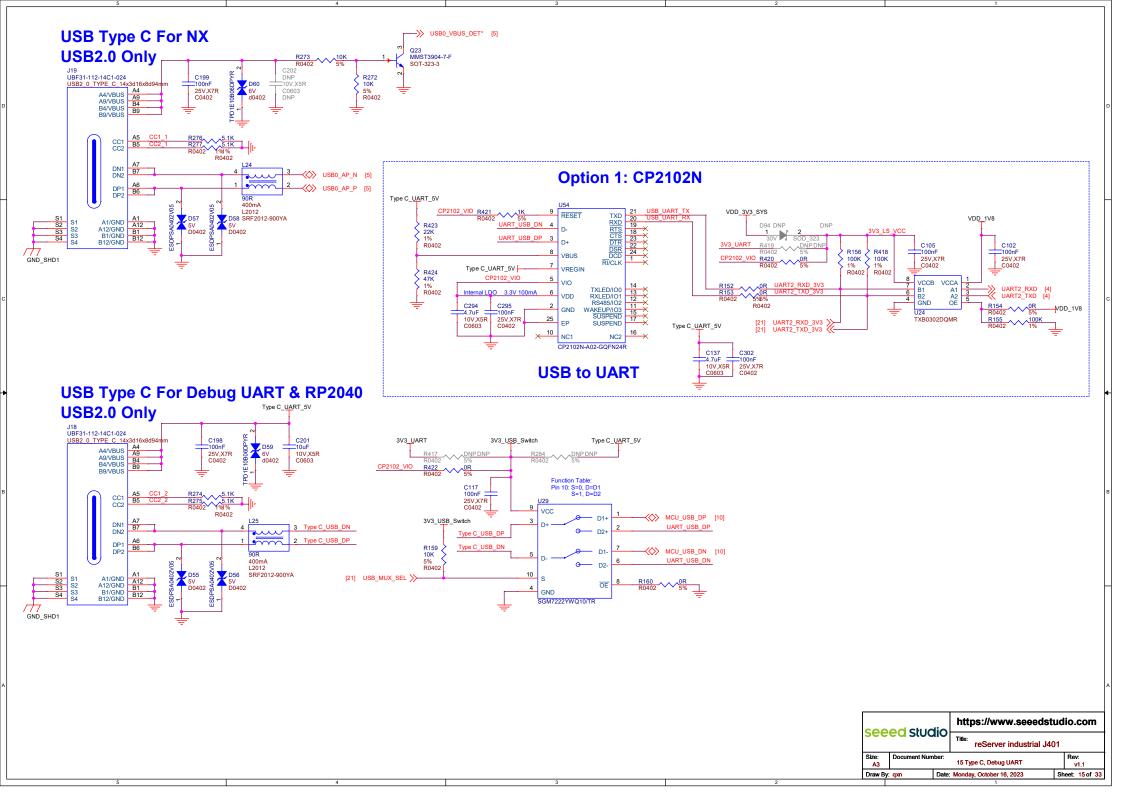


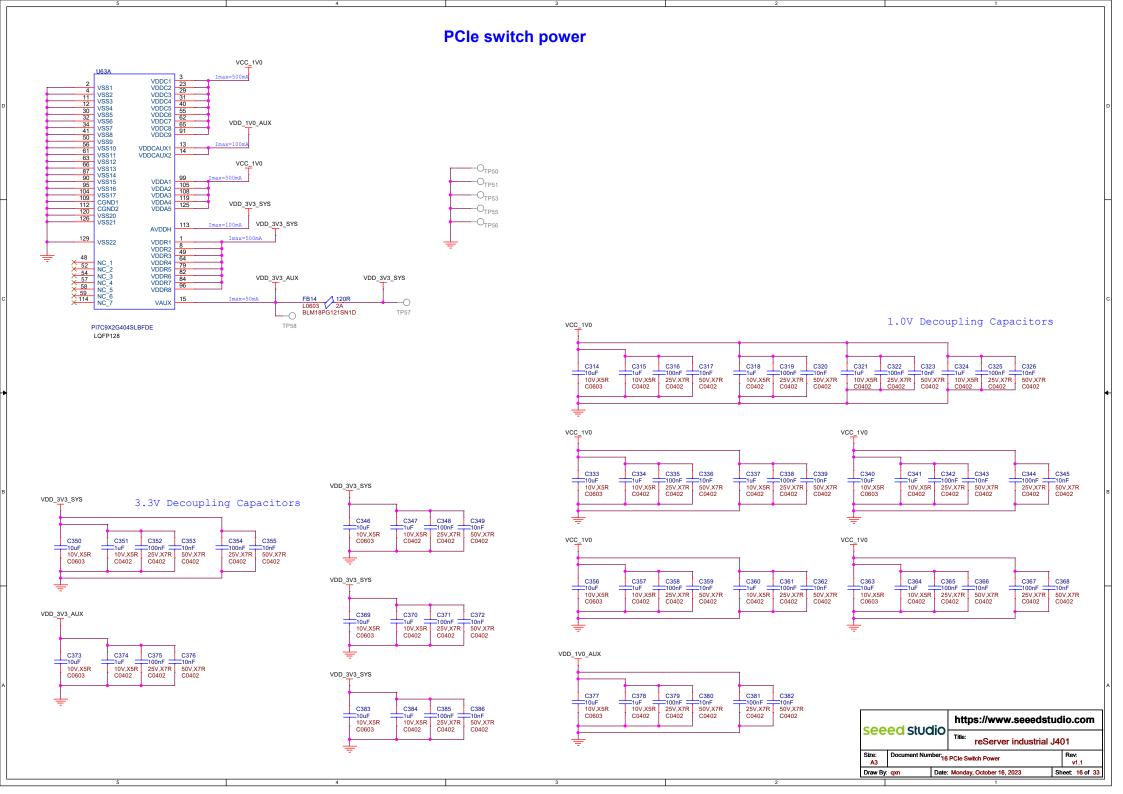


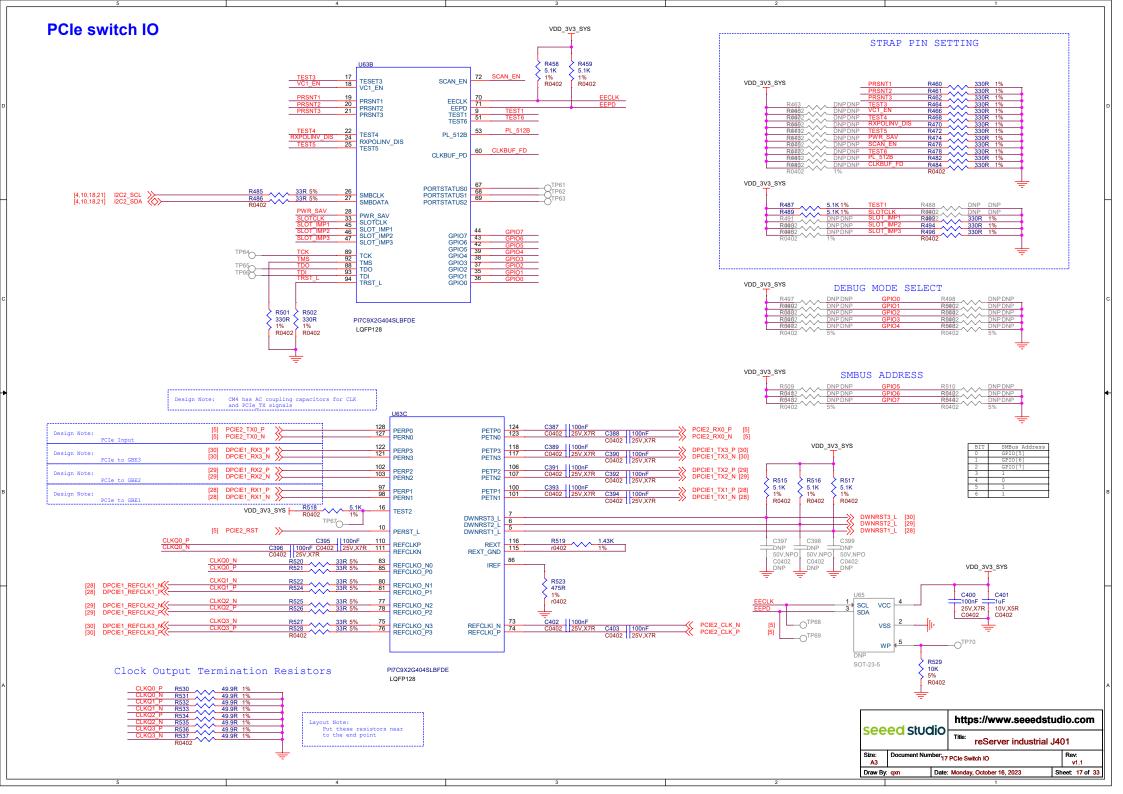




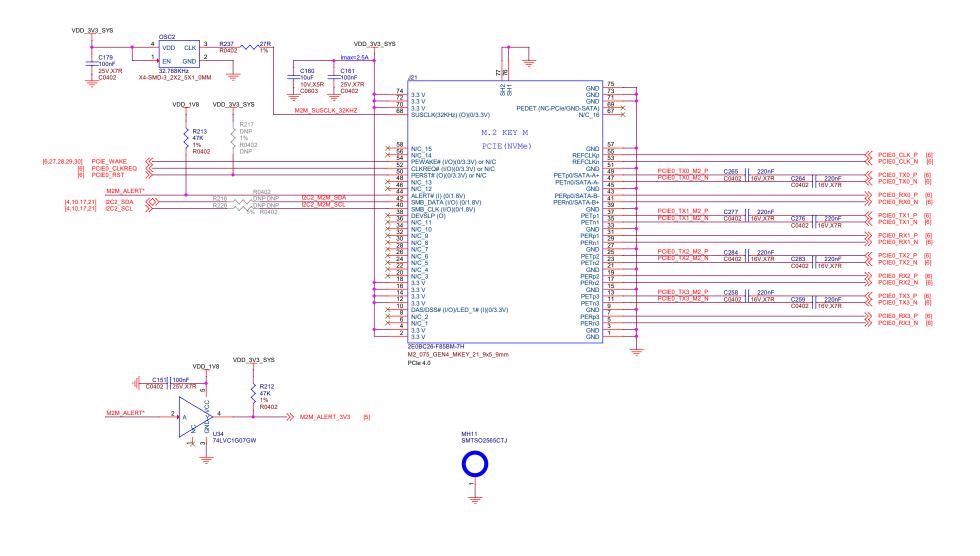


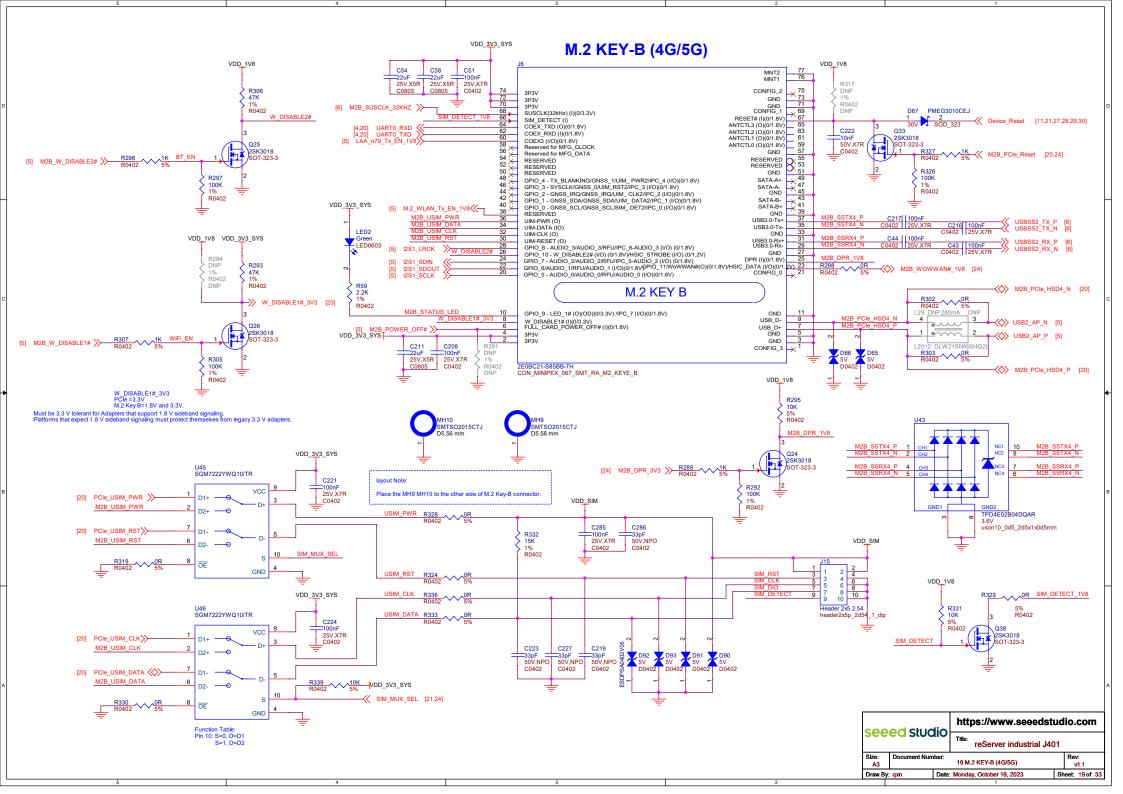


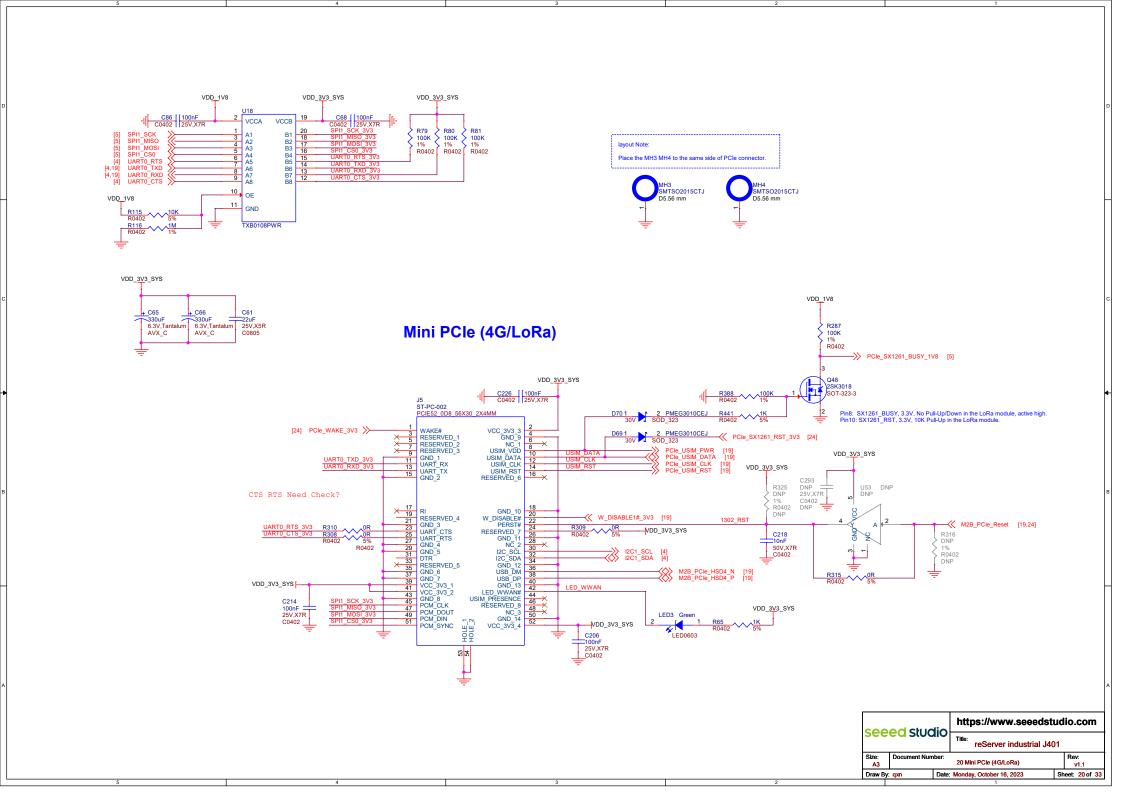


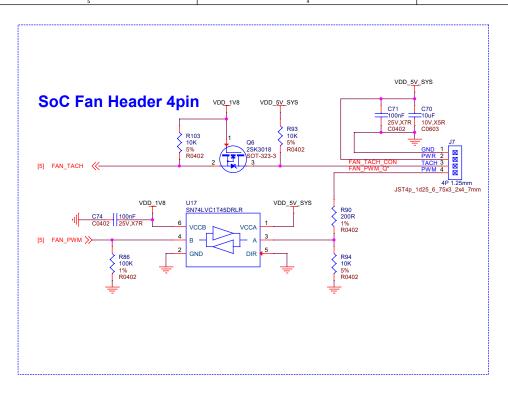


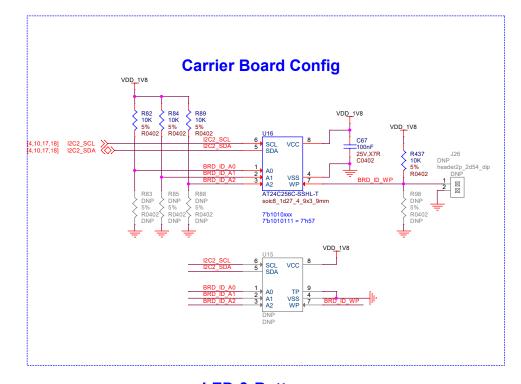
M.2 KEY-M (NVME)





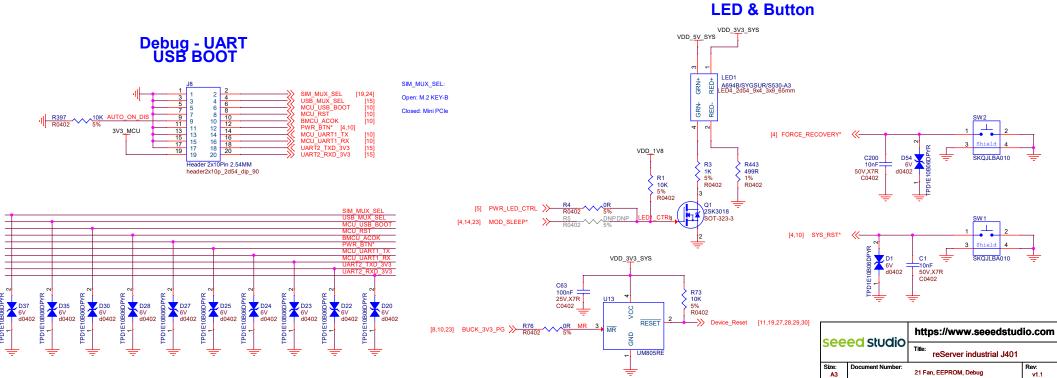


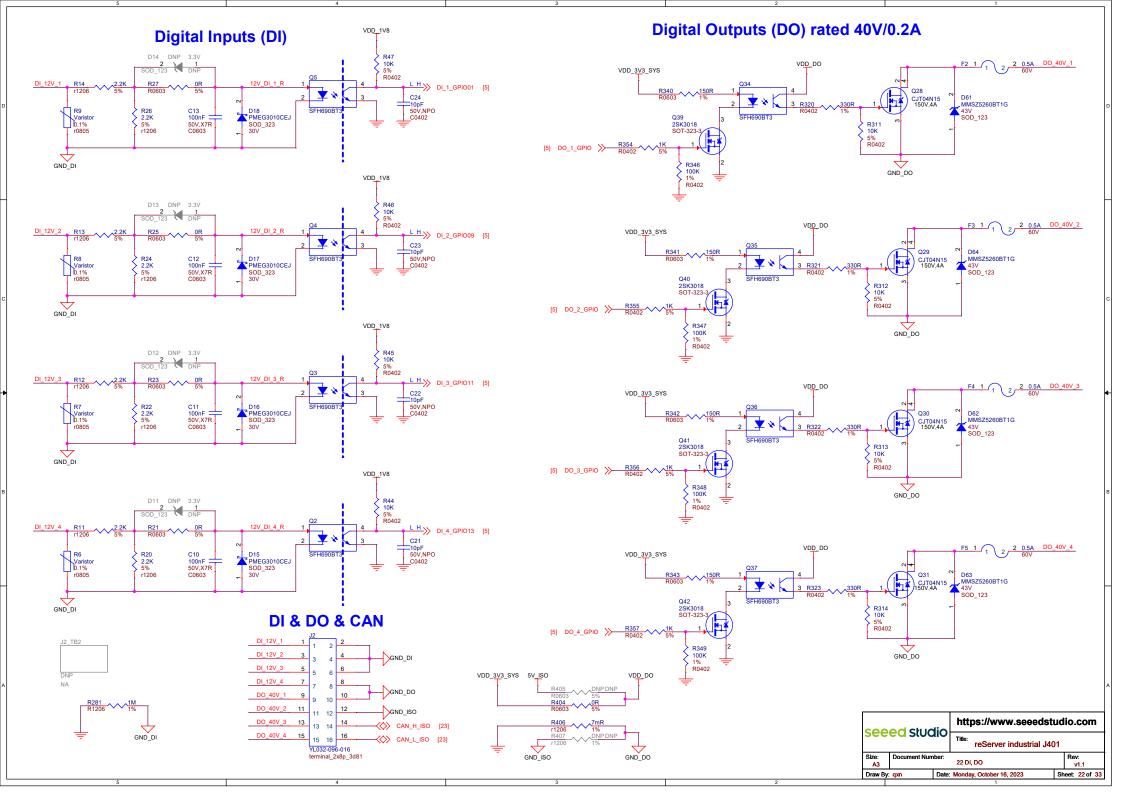


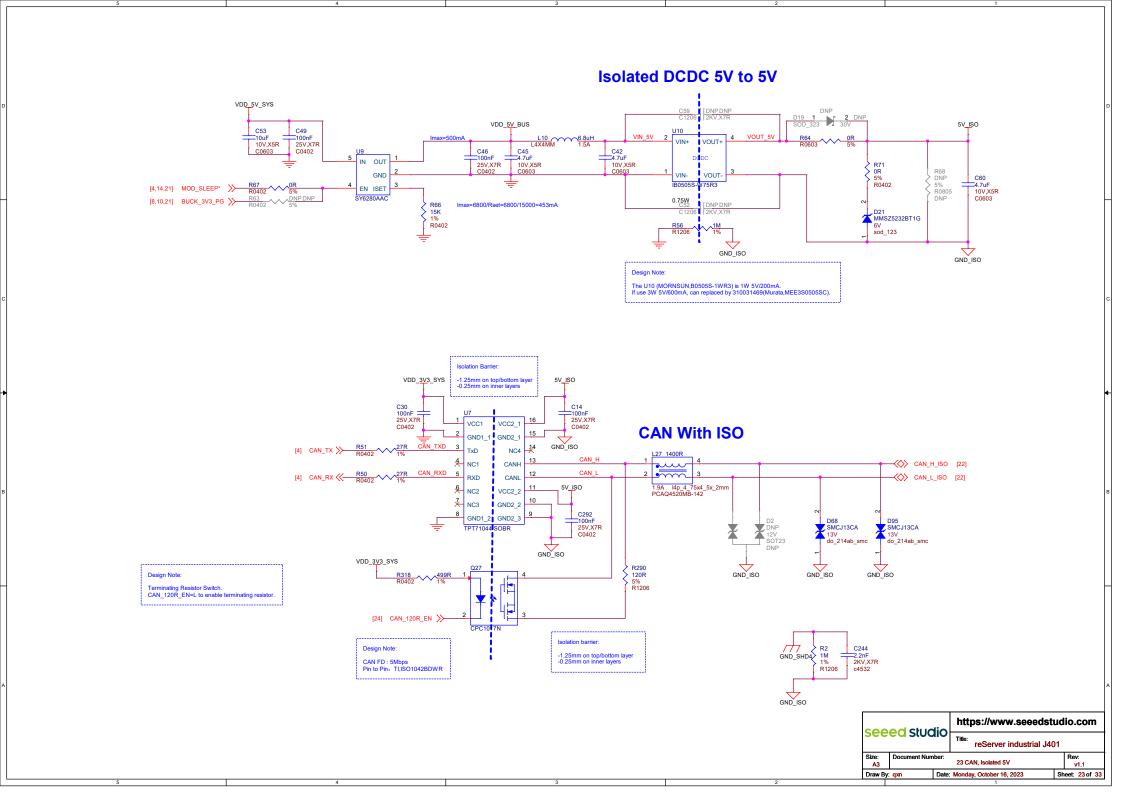


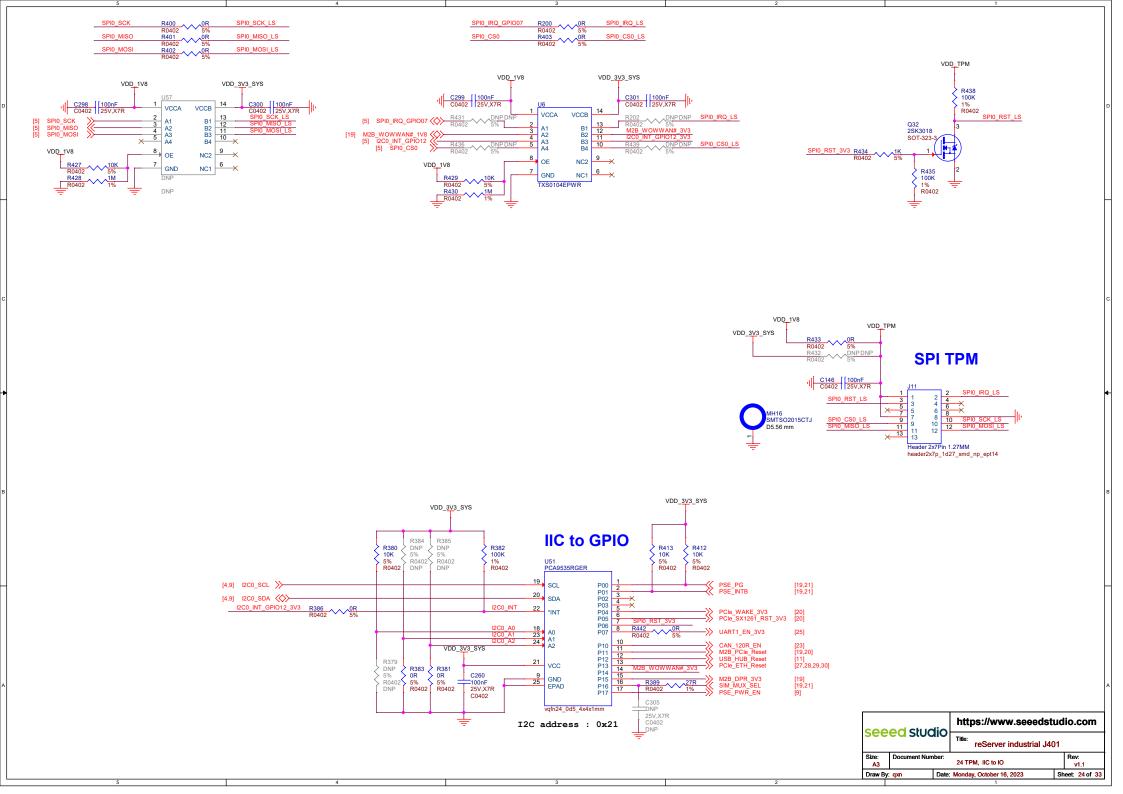
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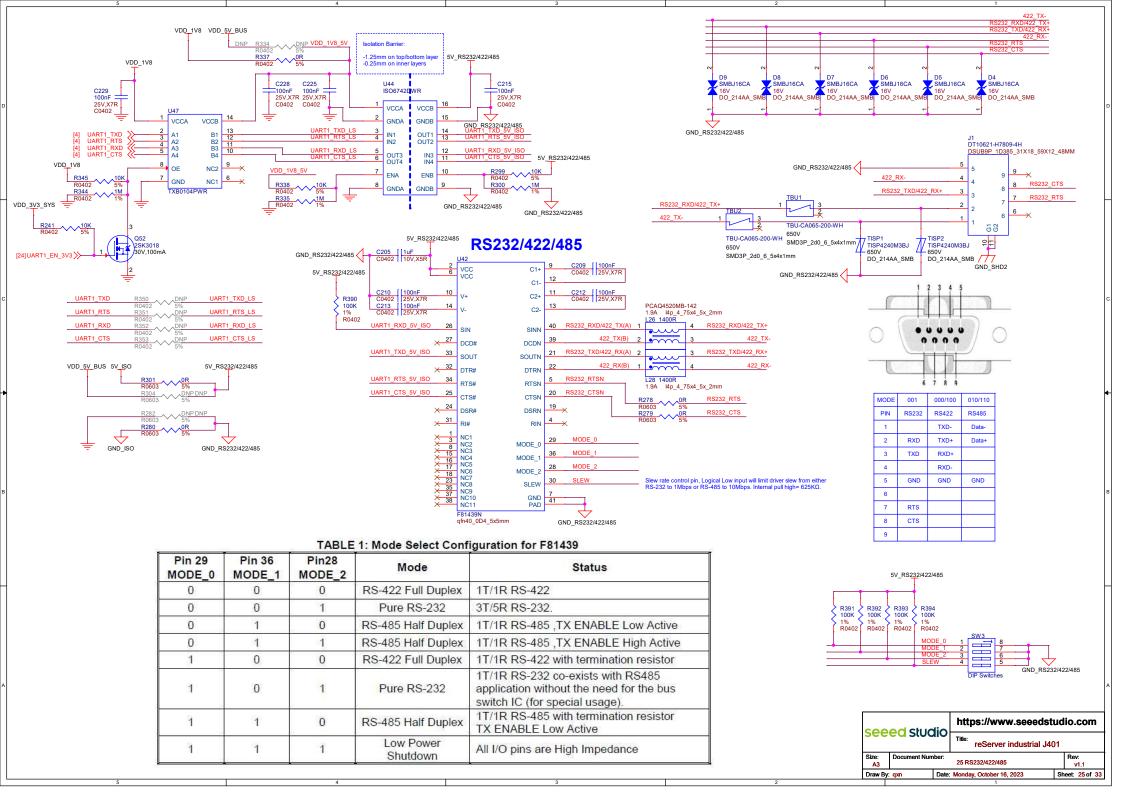
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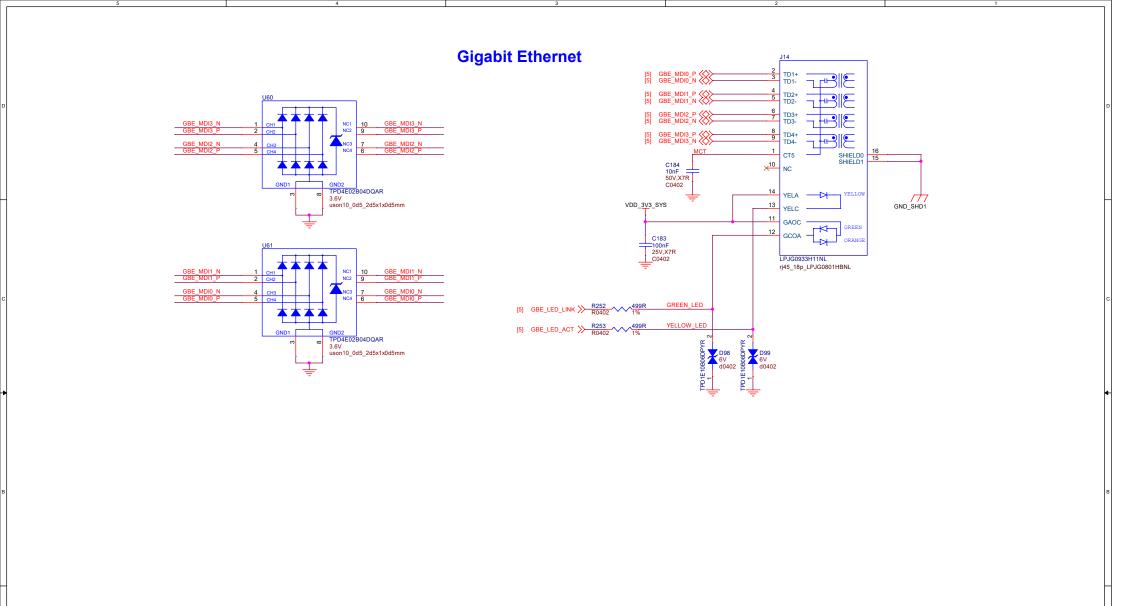


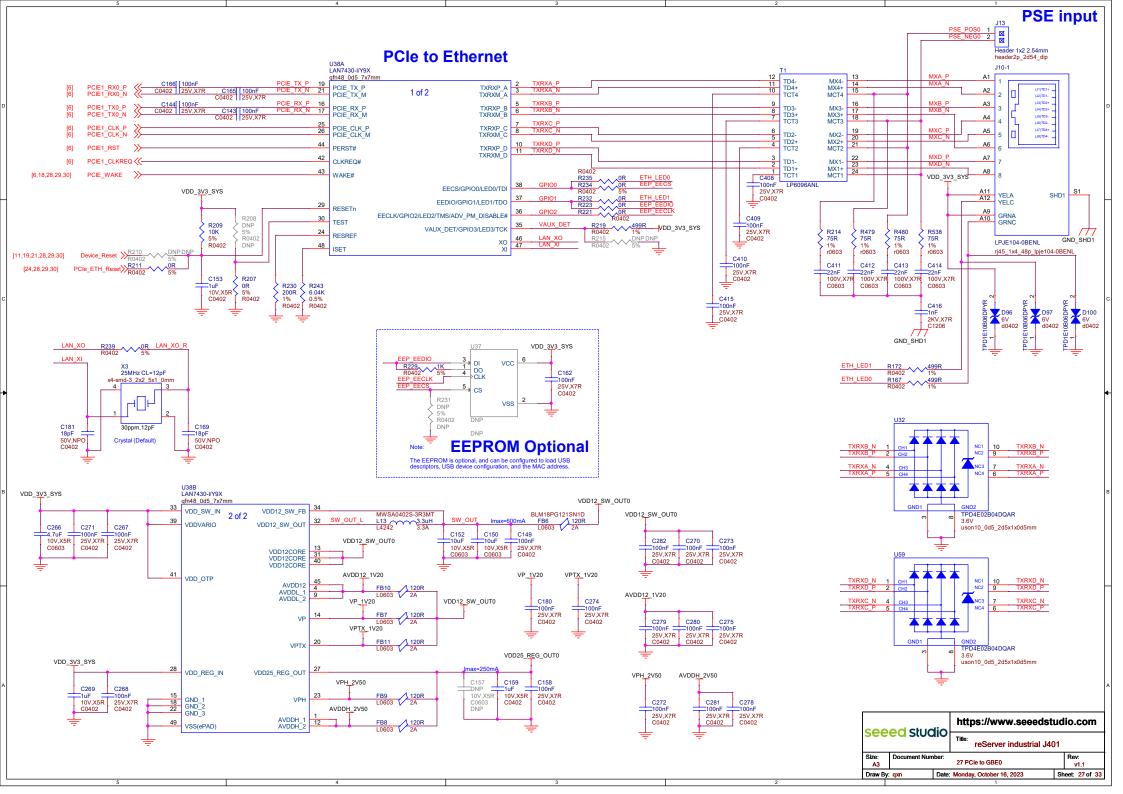


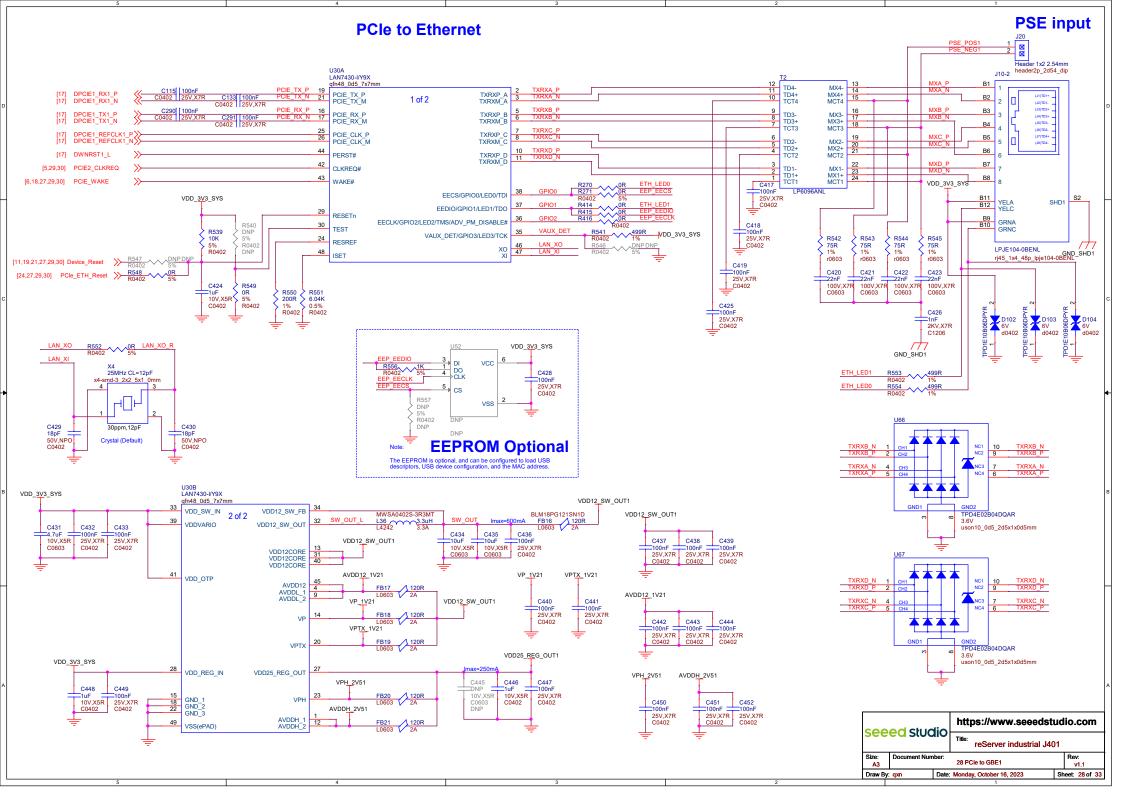


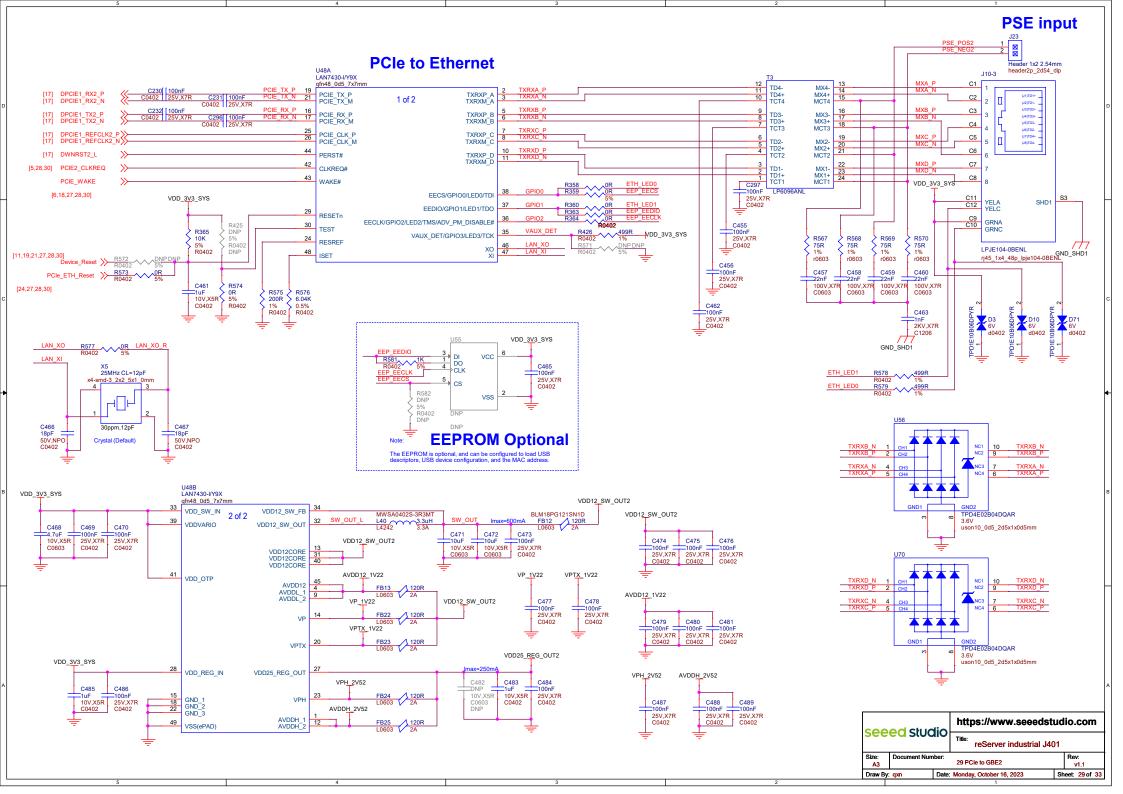


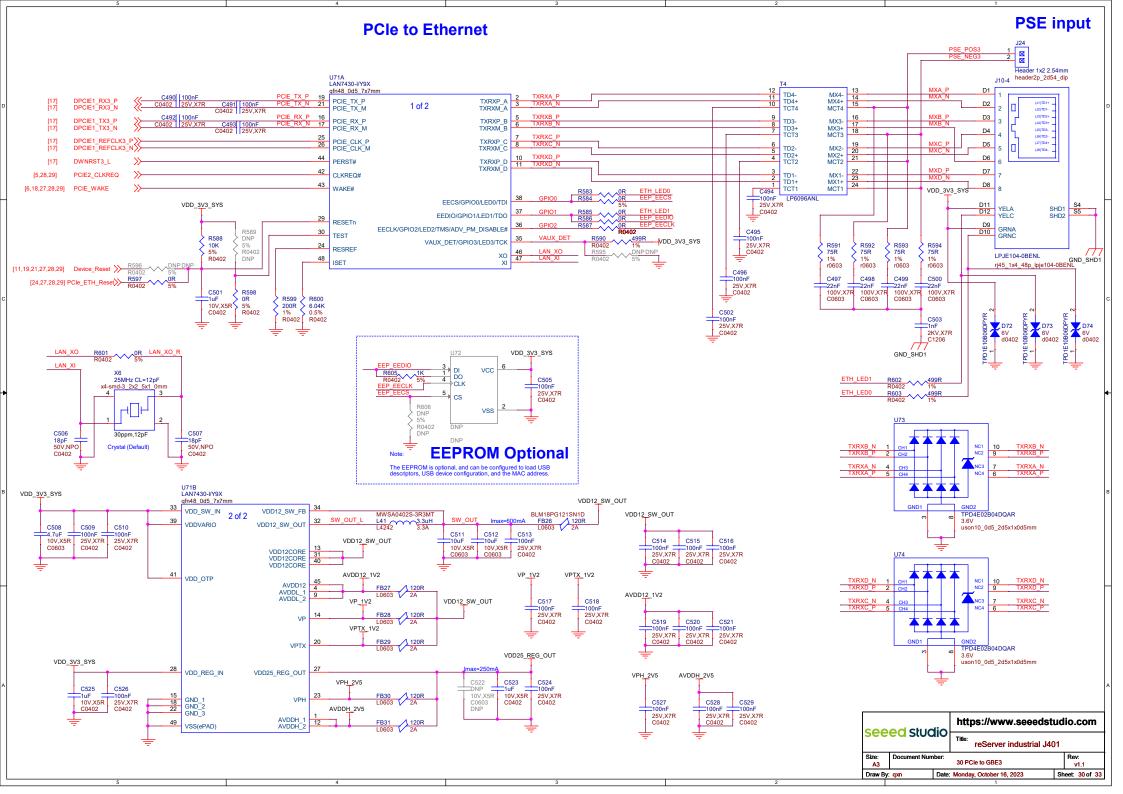


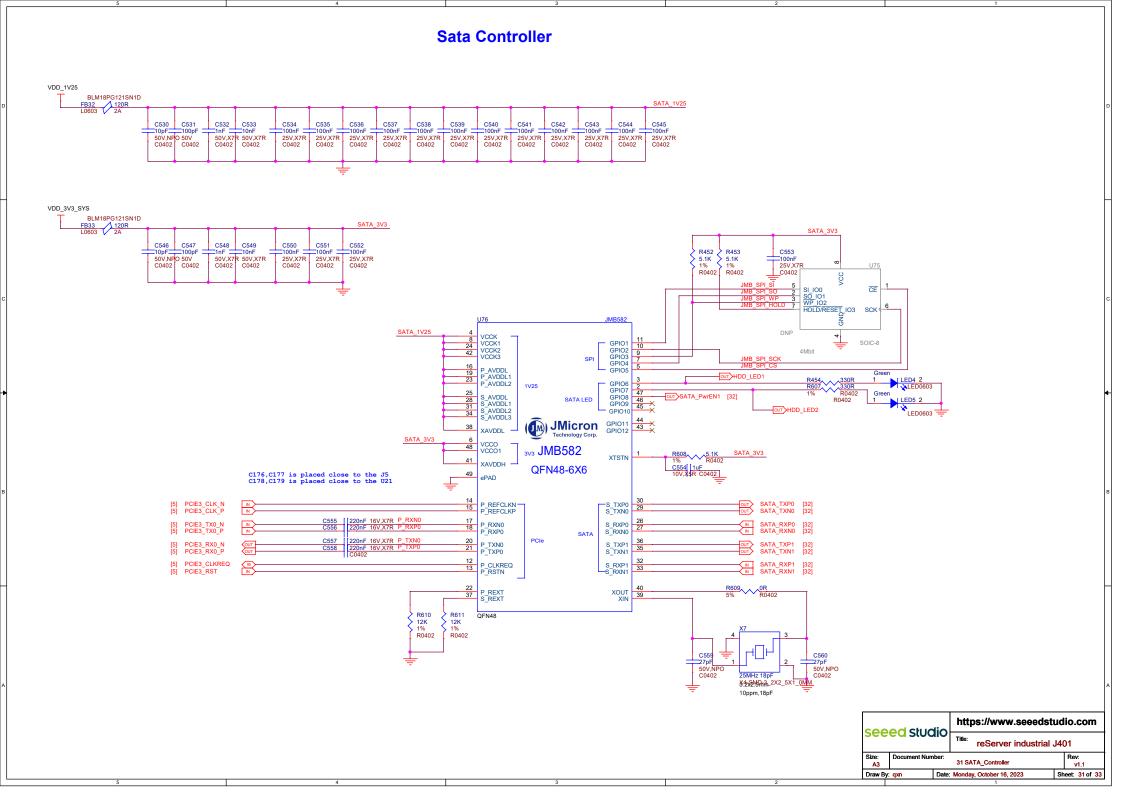




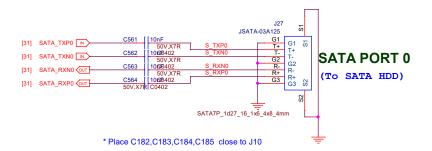


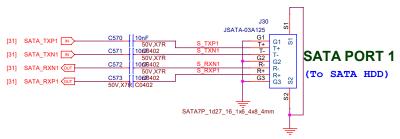




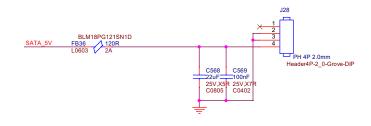


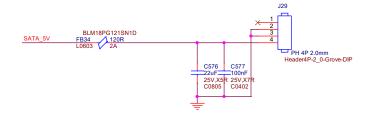
2.5" Sata connector

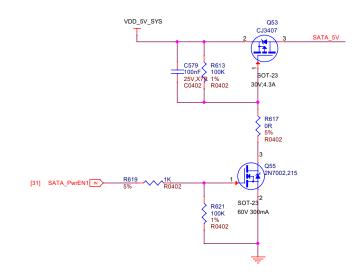




* Place C190,C191,C192,C193 close to J12







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		reServer industrial J401			
Size:	Document Num	nber: 32 SATA_Connector			Rev: v1.1
Draw By	Draw By: qxn Date		: Monday, October 16, 2023 Si		neet: 32 of 33