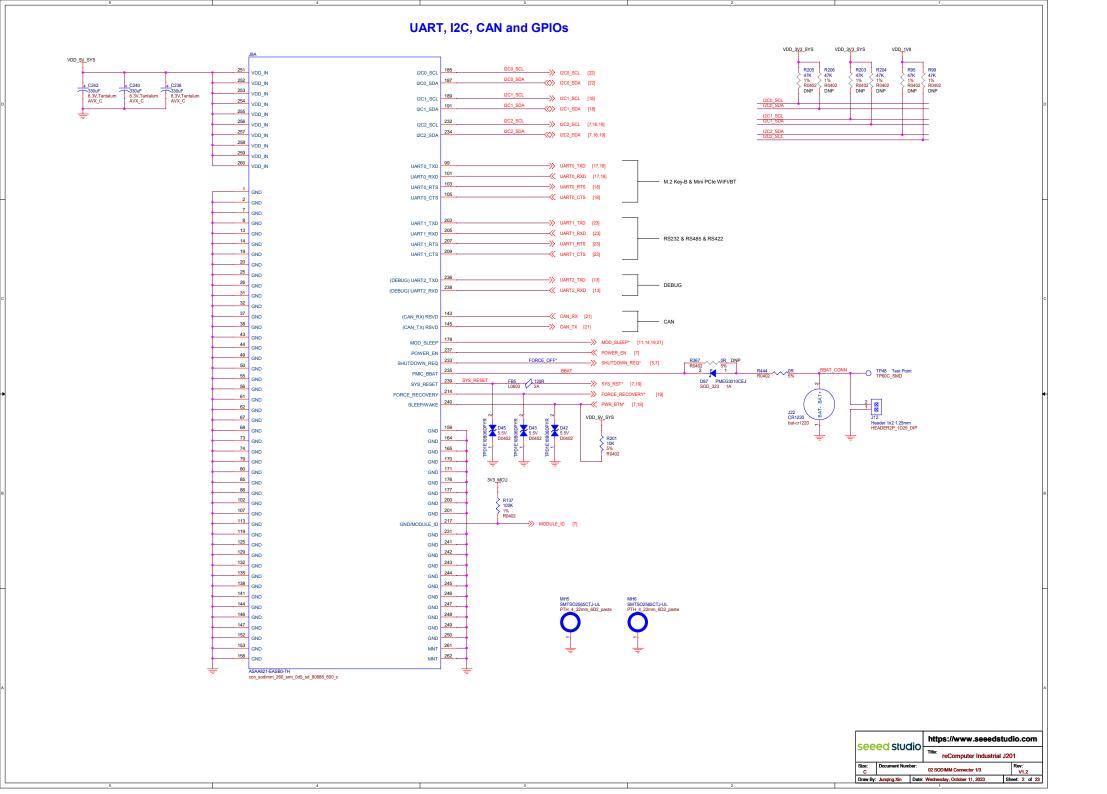
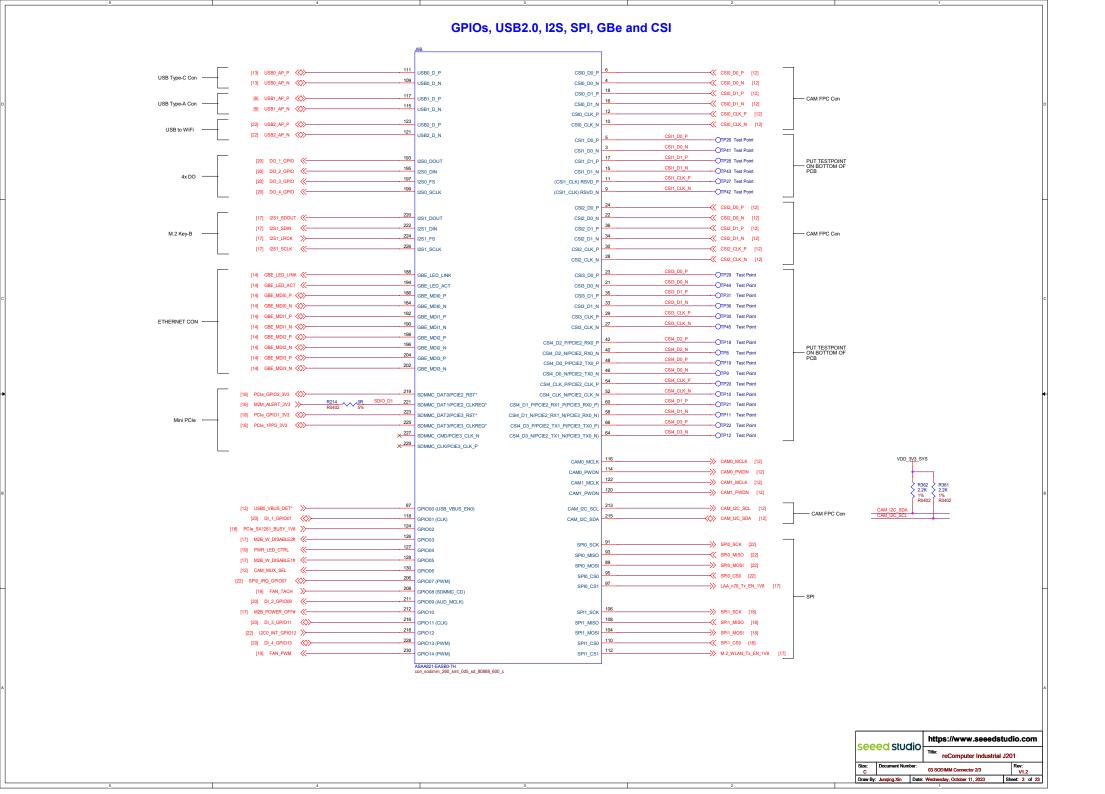
Schematic: reComputer Industrial J201

Rev	risi	on	His	tory
116	131	.011	1113	COLY

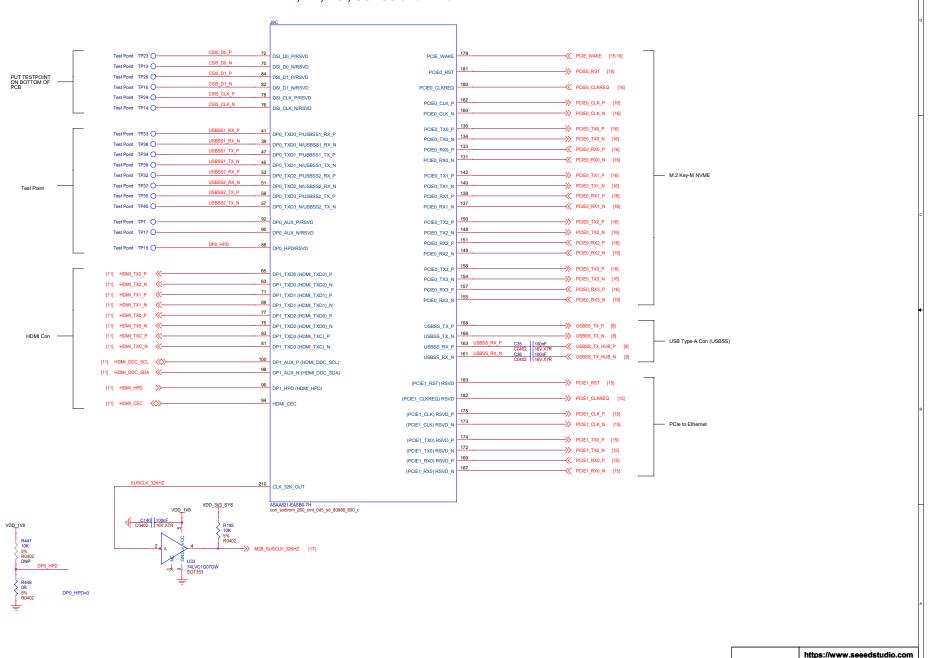
DOMESTIC C.	- recompacer rhadscriat
SHEET	SHEET NAME
01	Table of Contents
02	SODIMM Connector 1/3
03	SODIMM Connector 2/3
04	SODIMM Connector 3/3
05	Power In, 5V, 3.3V_MCU
06	3.3V, 1.8V, 1.2V
07	Button MCU For Power Up
08	USB3.1 HUB
09	USB3.1 Type-A x2 (A)
10	USB3.1 Type-A x1 (B)
11	HDMI
12	CAM Connector
13	Type C, Debug UART
14	Gigabit Ethernet, POE
15	PCIe to Ethernet
16	M.2 KEY-M (NVME)
17	M.2 KEY-B (4G/5G)
18	Mini PCIe (4G/LoRa)
19	Fan, EEPROM, Debug
20	DI, DO
21	CAN, Isolated 5V
22	TPM, USB to WiFi, IIC to IO
23	RS232/422/485
	T

J201		Revision niscory	
VER	DATE	REVISION	DESCRIPTION
V1.0	04/23/2023	reComputer Industrial J201_V1.0_SCH_230423	Initial Version.
V1.1	06/15/2023	reComputer Industrial J201_V1.1_SCH_230615	Page 04:Added R448=0R in net DPO_HPD. Page 14:Added TVS D102,D103,D104 in PoE. Page 18:Added series diode D101 to R287.
V1.2	10/11/2023	reComputer Industrial J201_V1.2_SCH_231011	Page 07:Changed R107 from 499R to 0R; Changed X2 12MHz from CL=18pF to CL=10pF; Changed C73,C75 from 27pF to 12pF. Page 05:Moved R373,C248 from the Drain of Q17 to Source for "reverse polarity protection".





HDMI, DP, DSI, USBSS and PCle



seeed studio

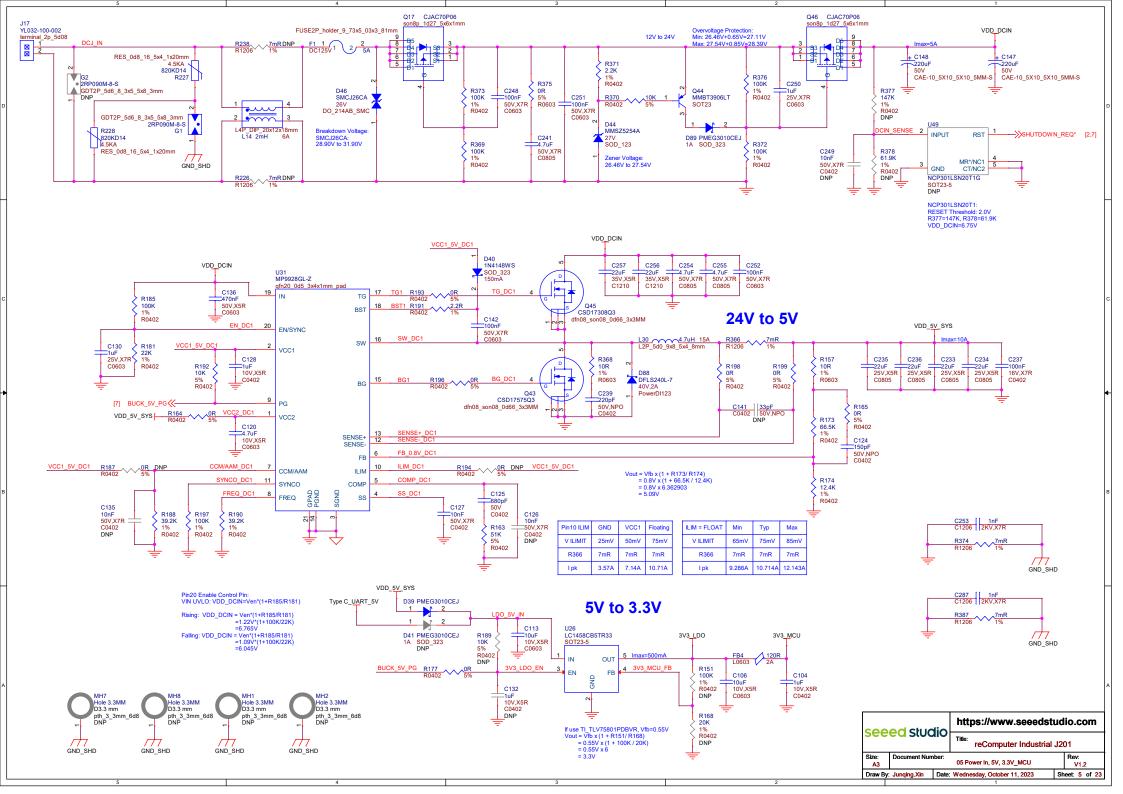
Title: reComputer Industrial J201

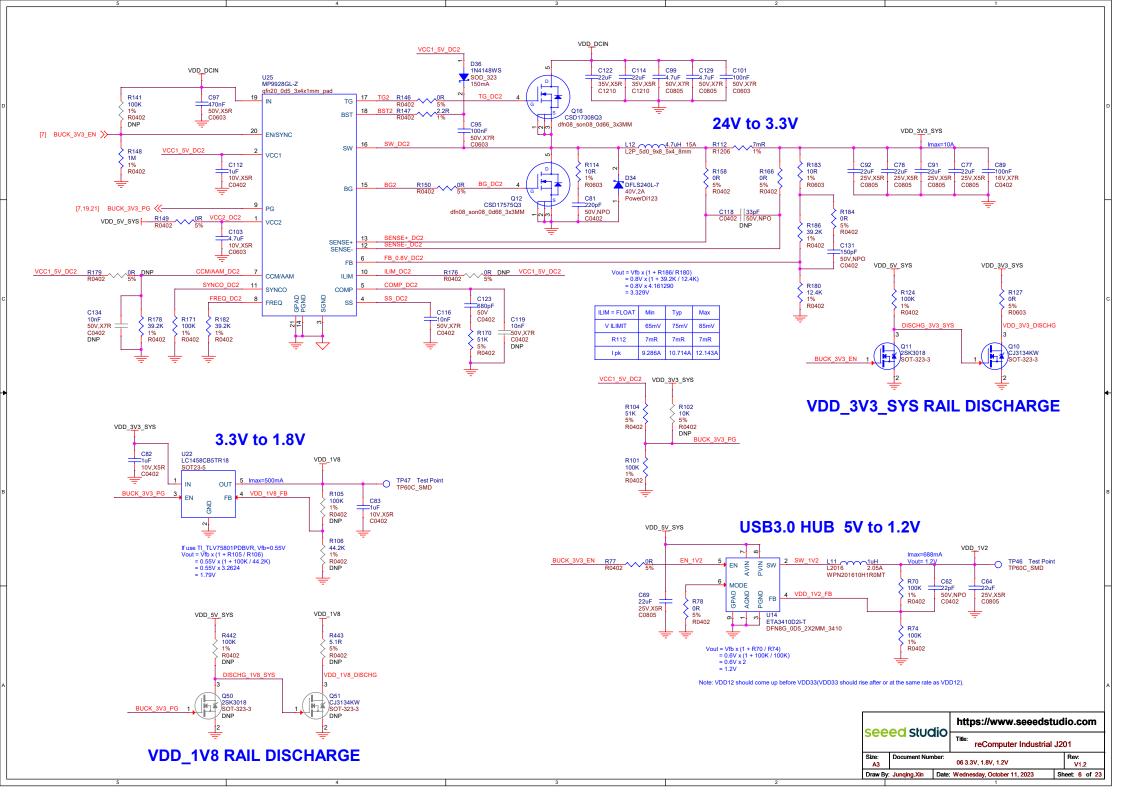
04 SODIMM Connector 3/3

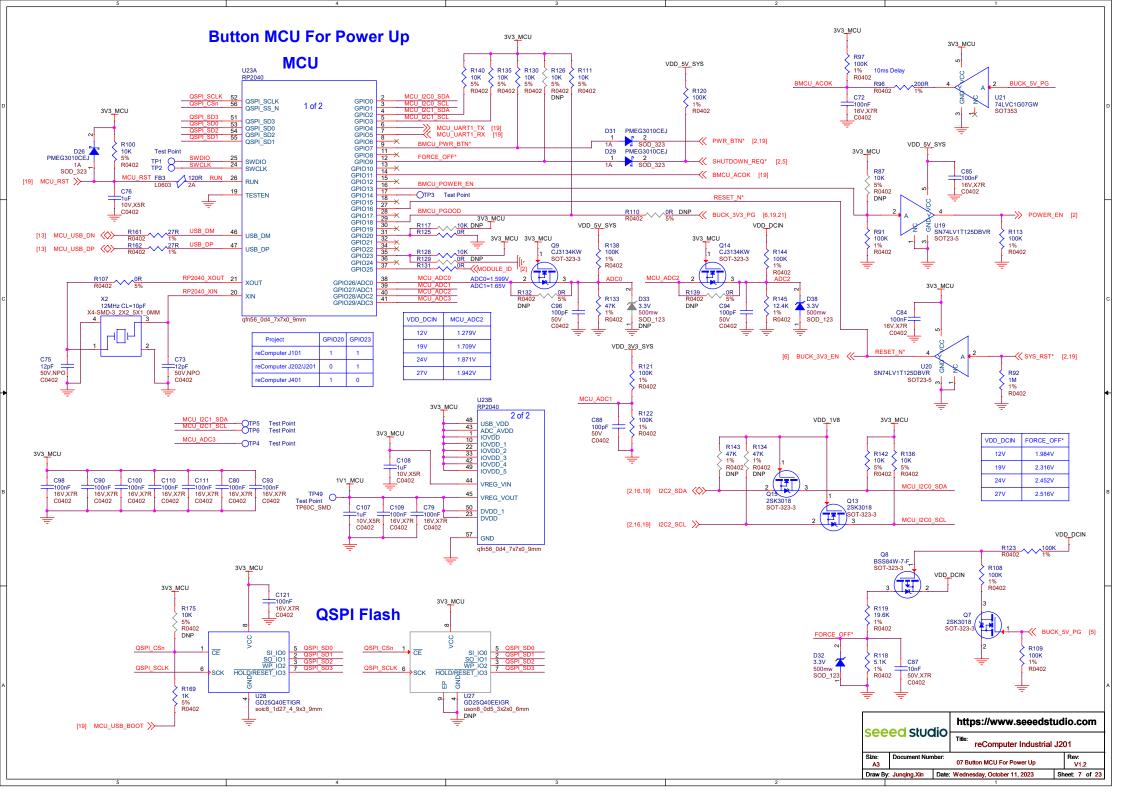
Draw By: Junqing.Xin Date: Wednesday, October 11, 2023

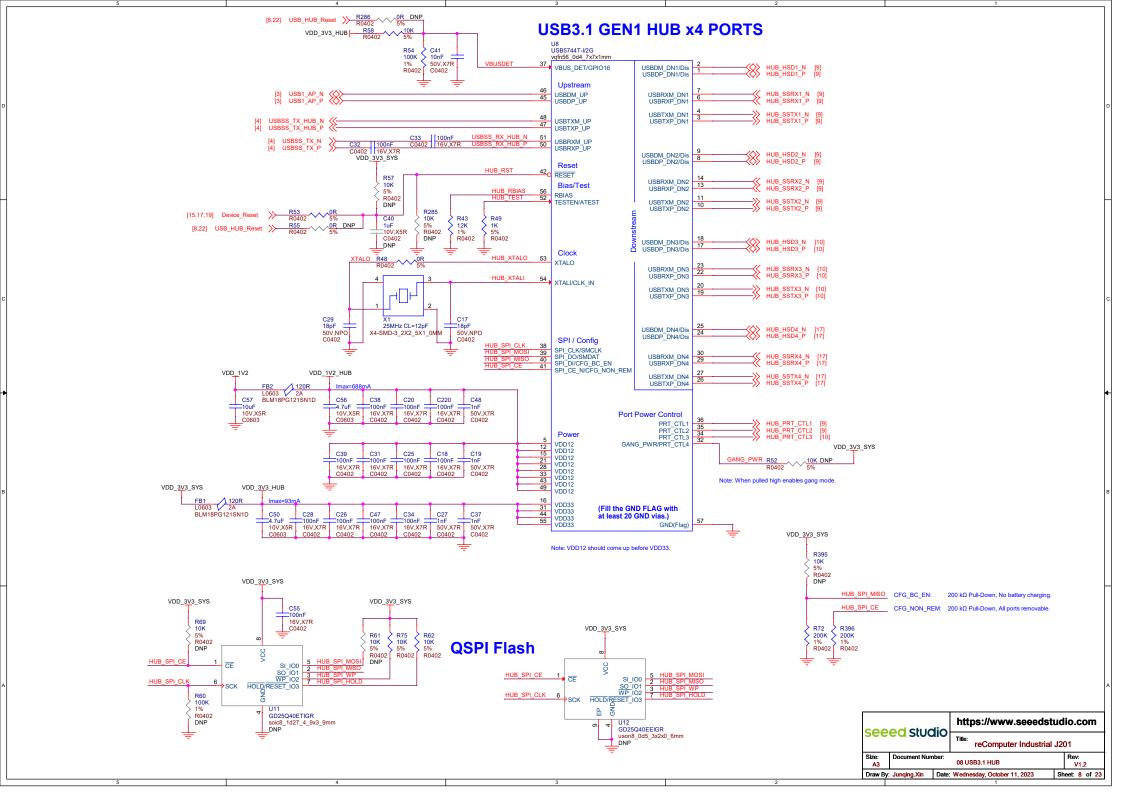
Rev: V1.2

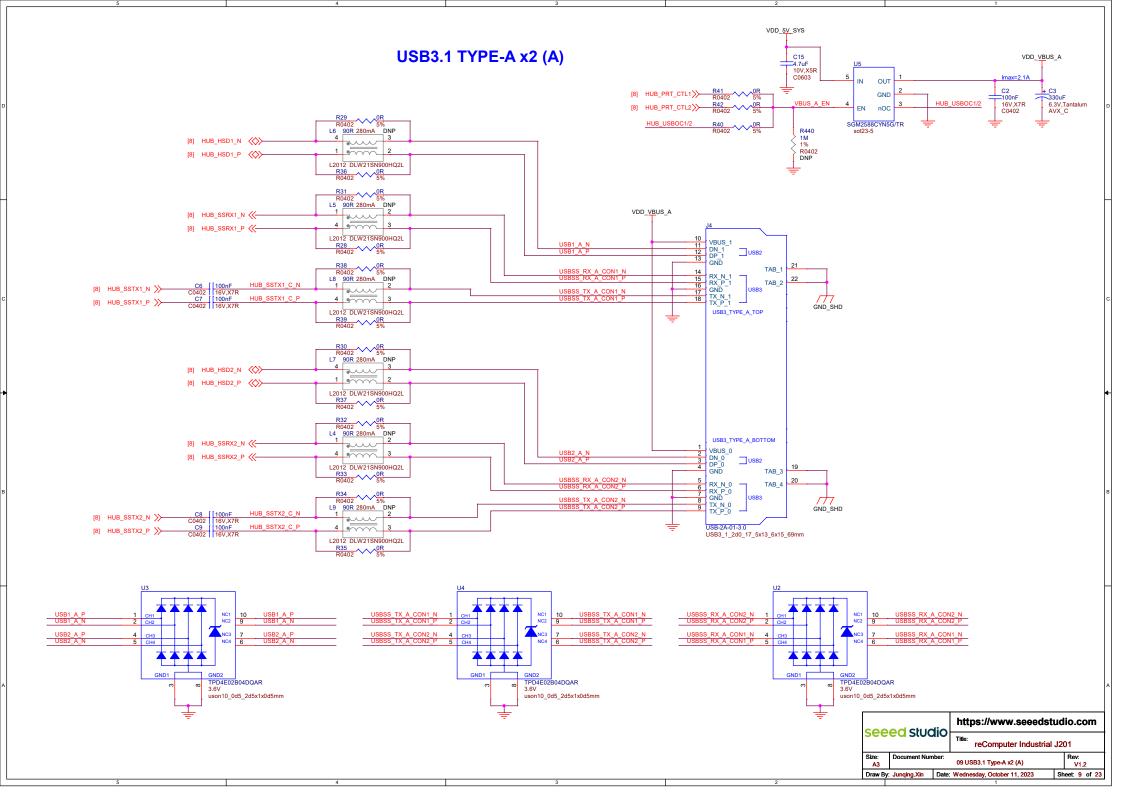
Sheet: 4 of 23

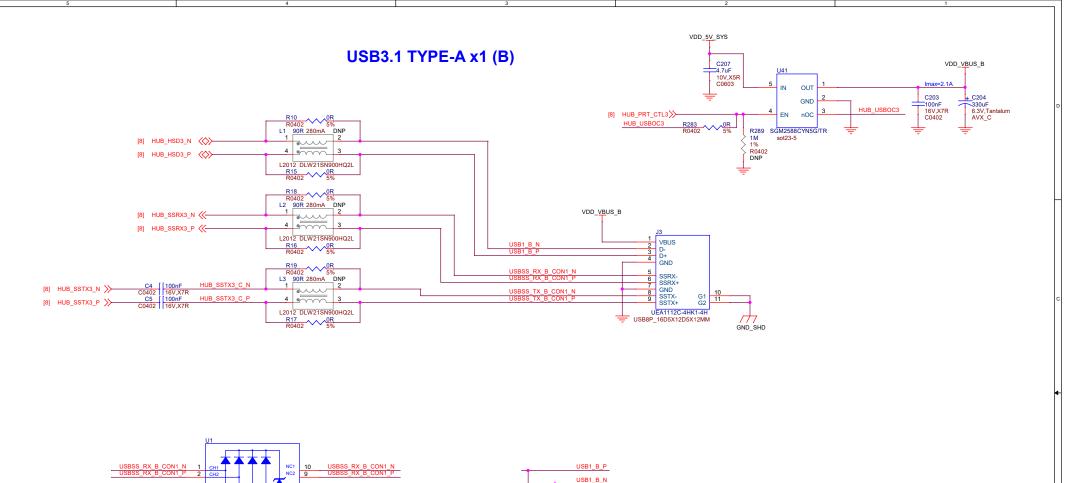


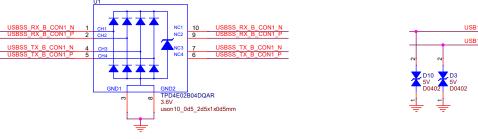


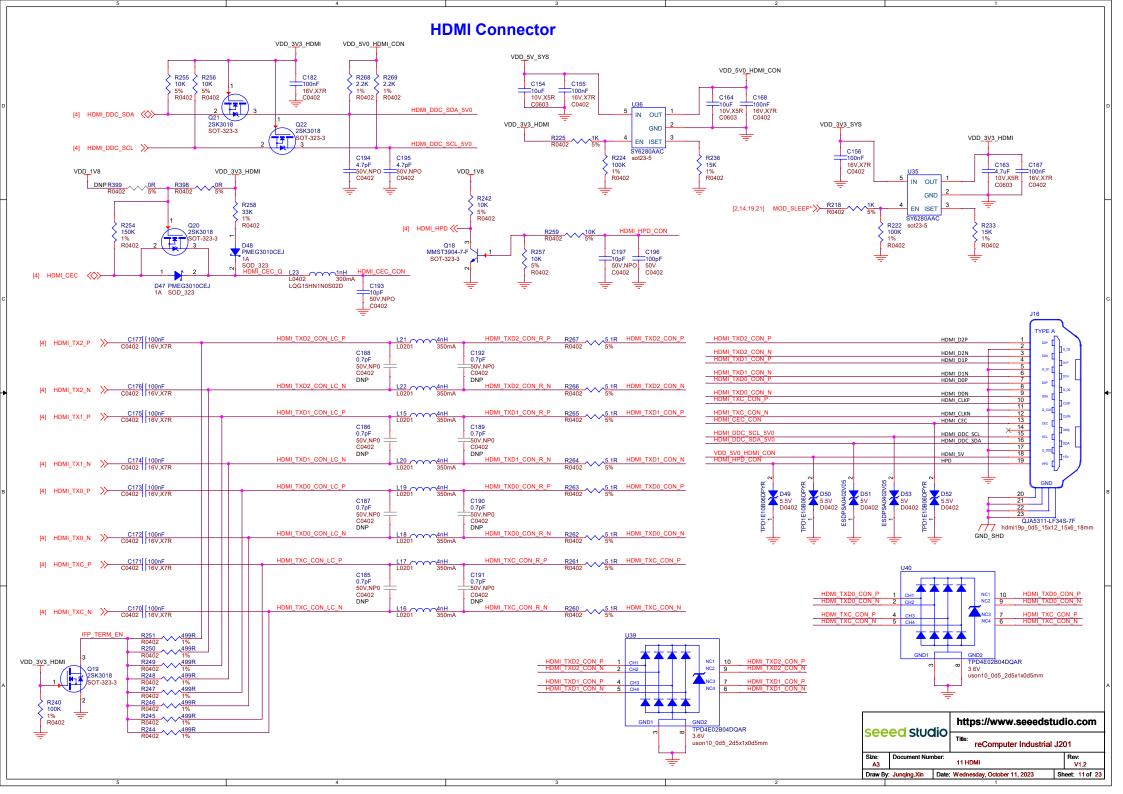


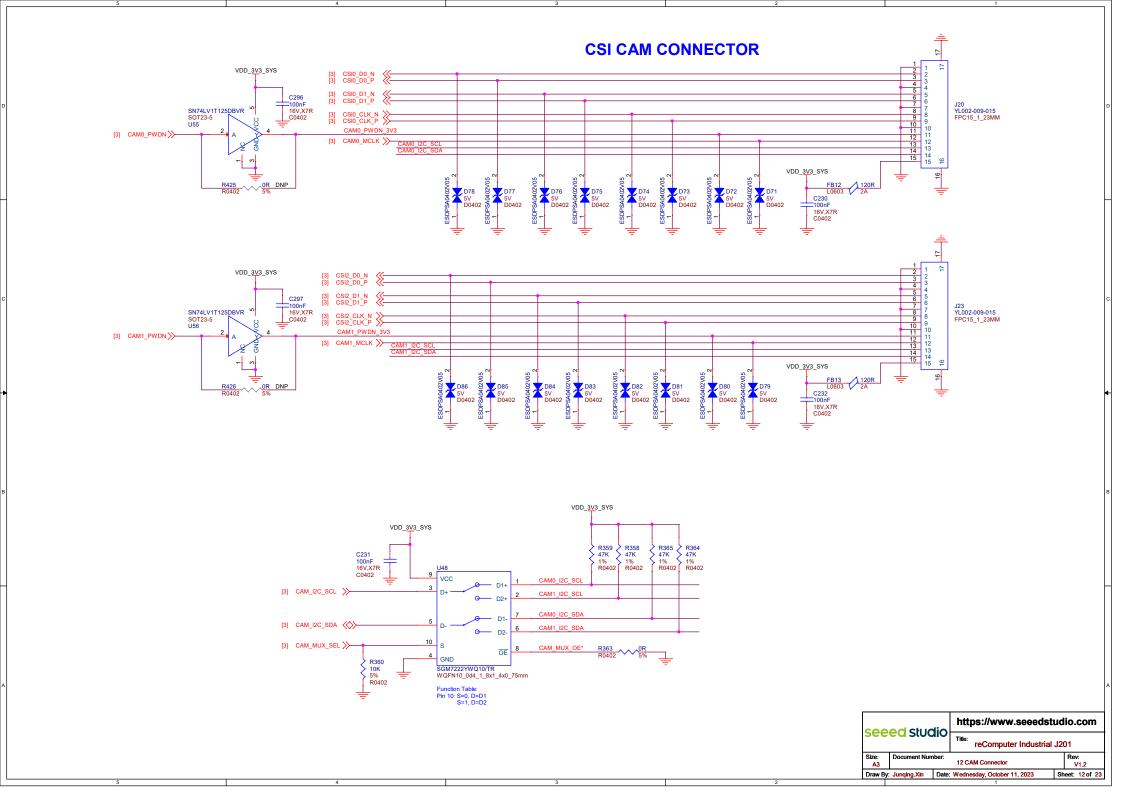


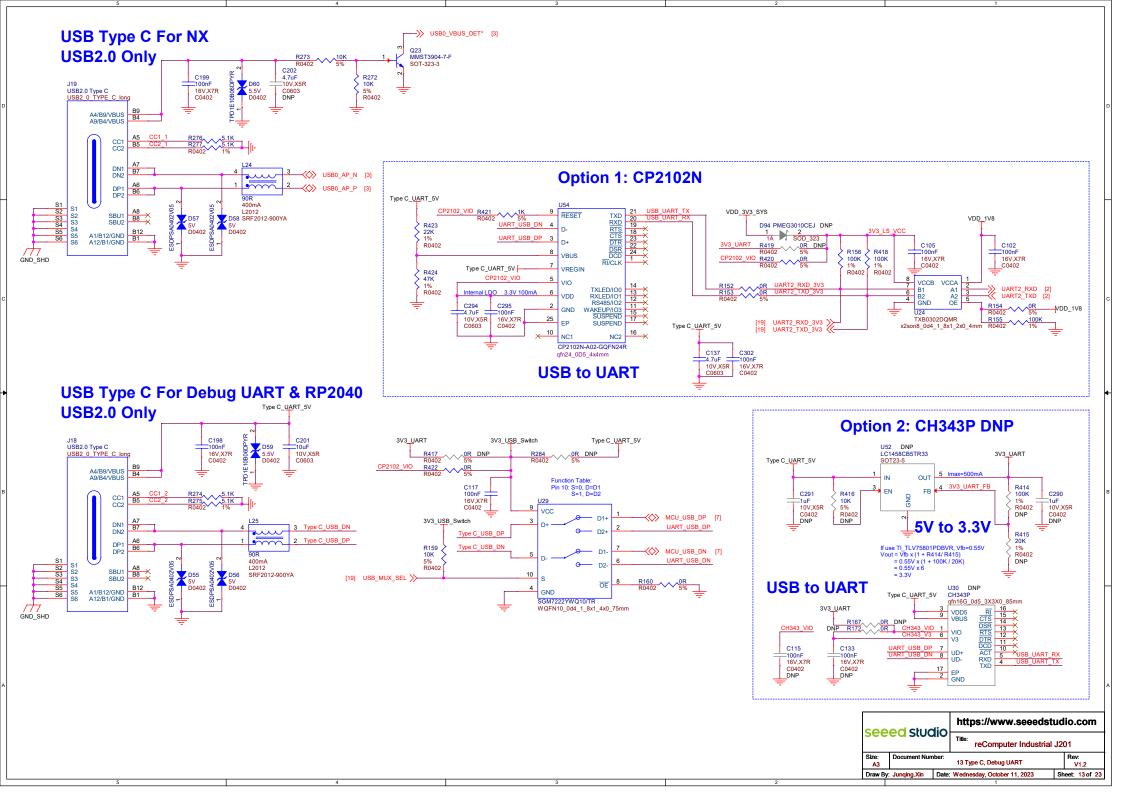


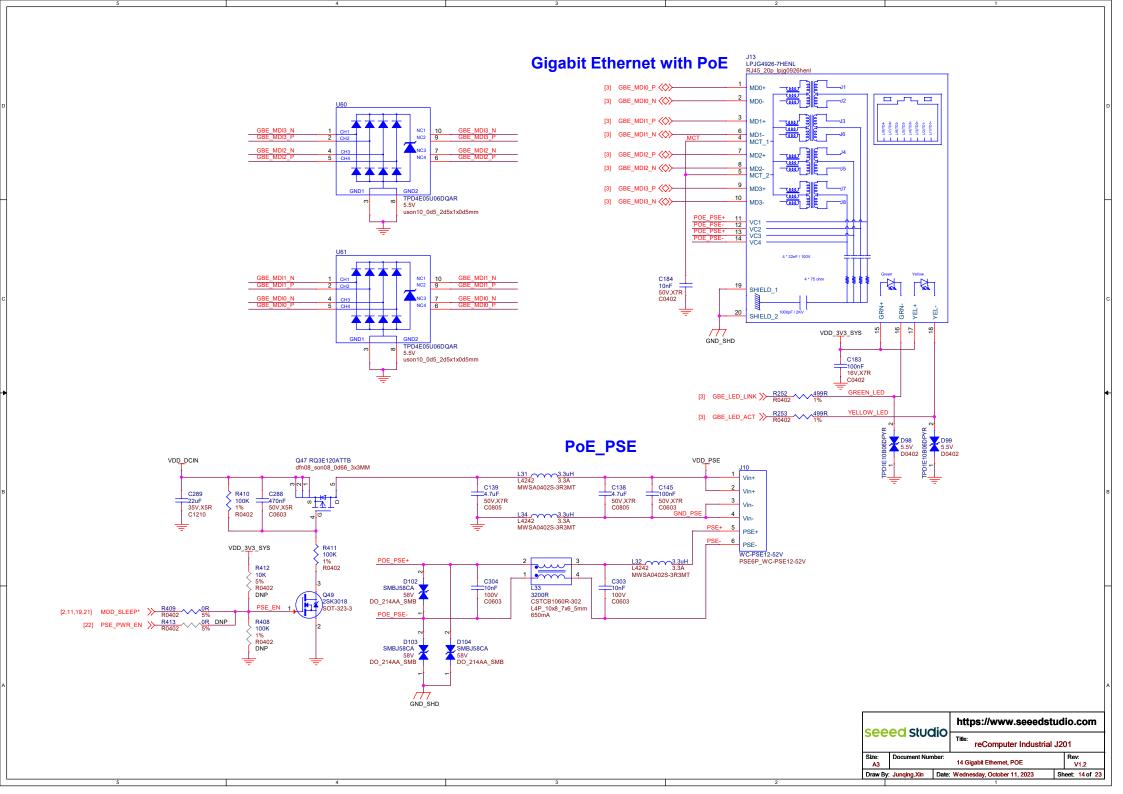


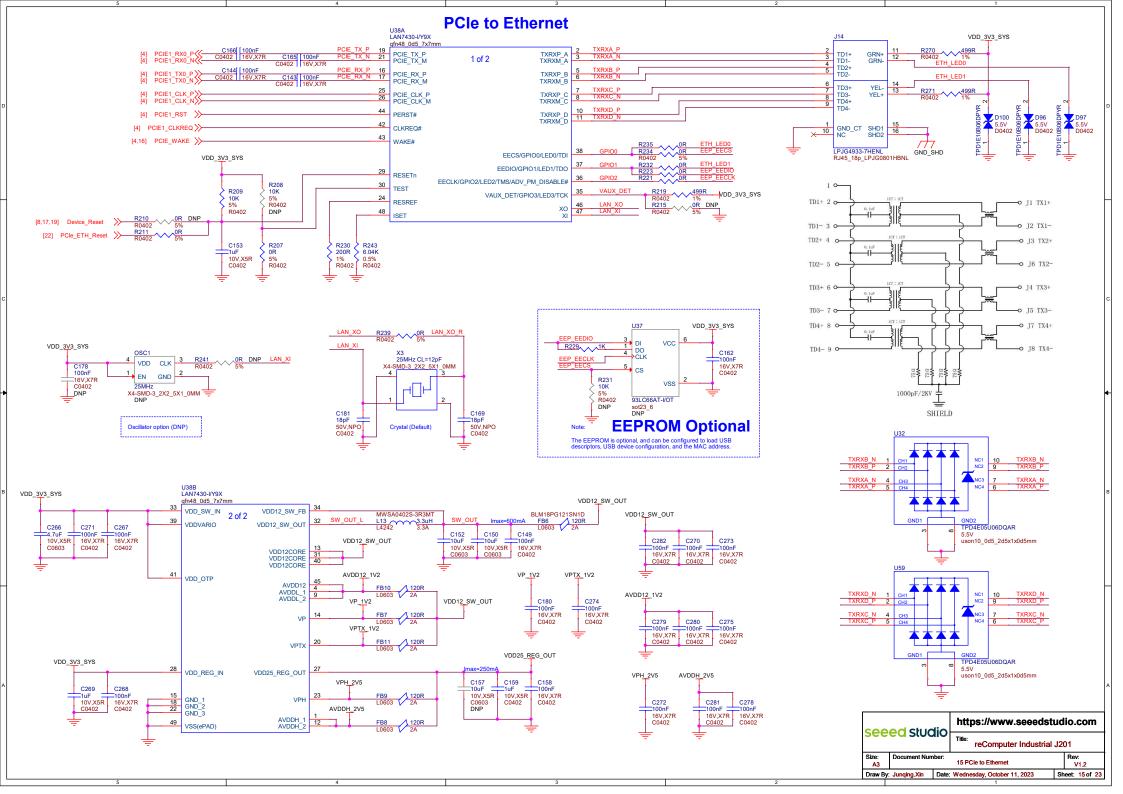




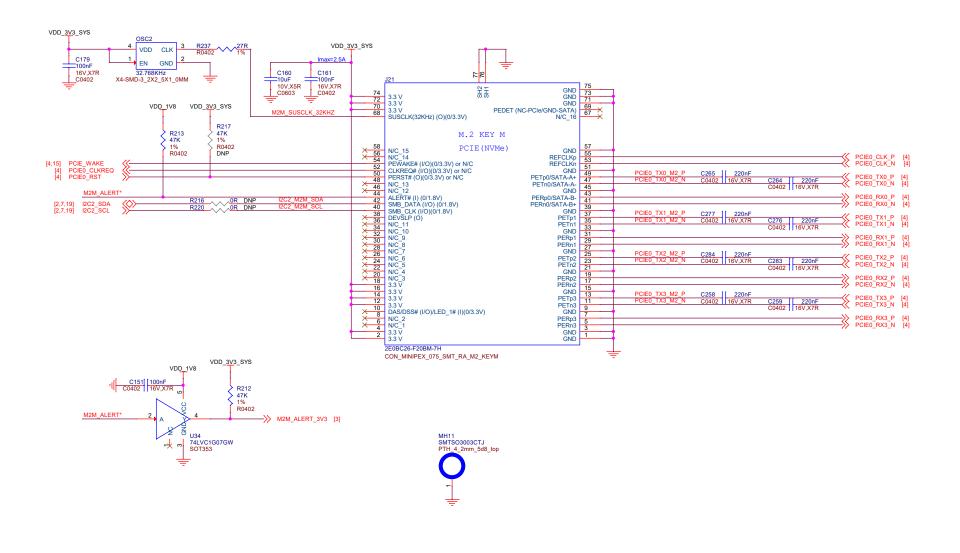








M.2 KEY-M (NVME)



	Seeed Studio Size: Document Number:		https://www.seeedstudio.com				
			Title: reComputer Industrial J201				
			16 M.2 KEY-M (NVME)			Rev: V1.2	
	Draw B	y: Junqing.Xin	Date:	Wedn	esday, October 11, 2023		Sheet: 16 of 23
		•			1		•

