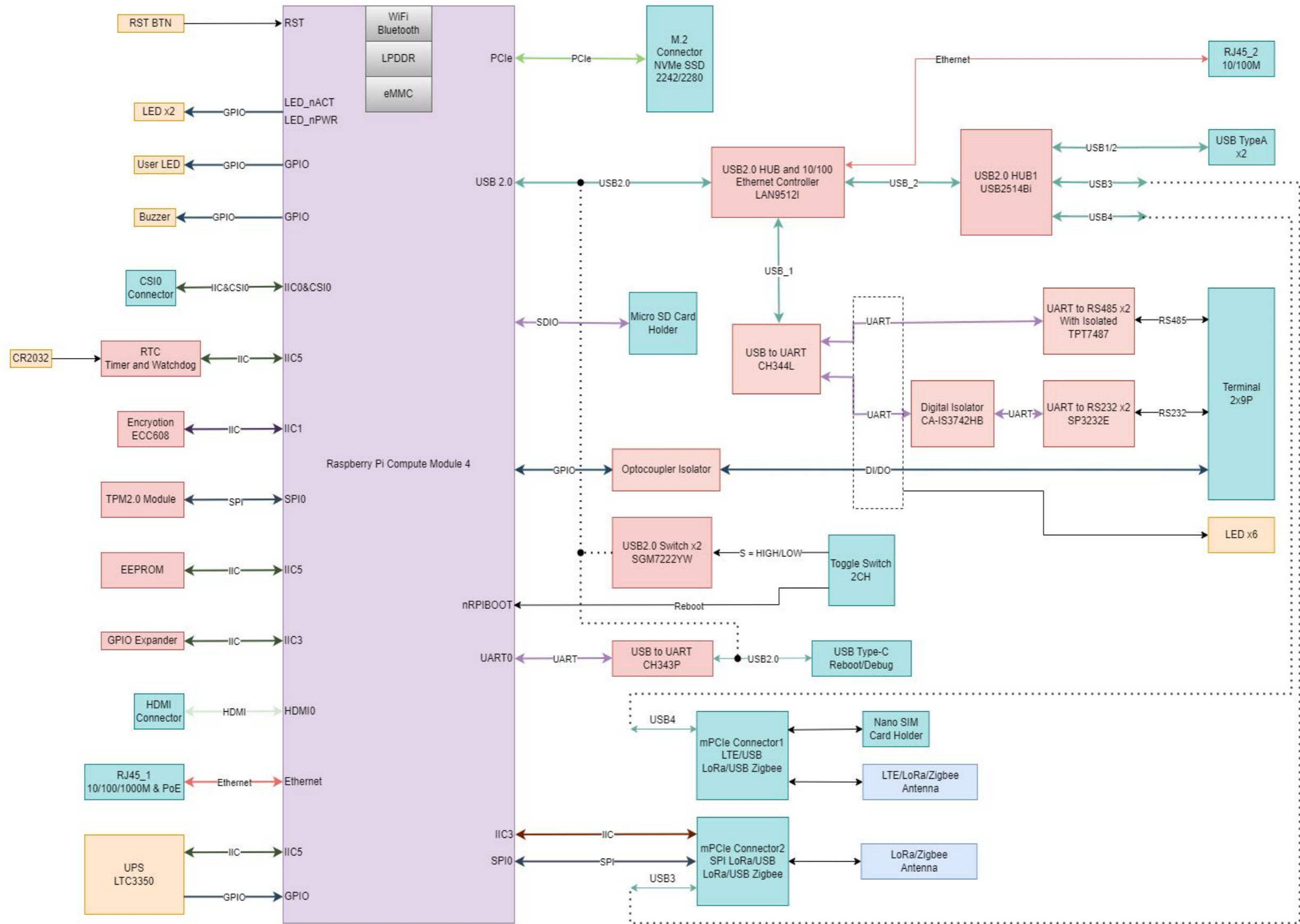


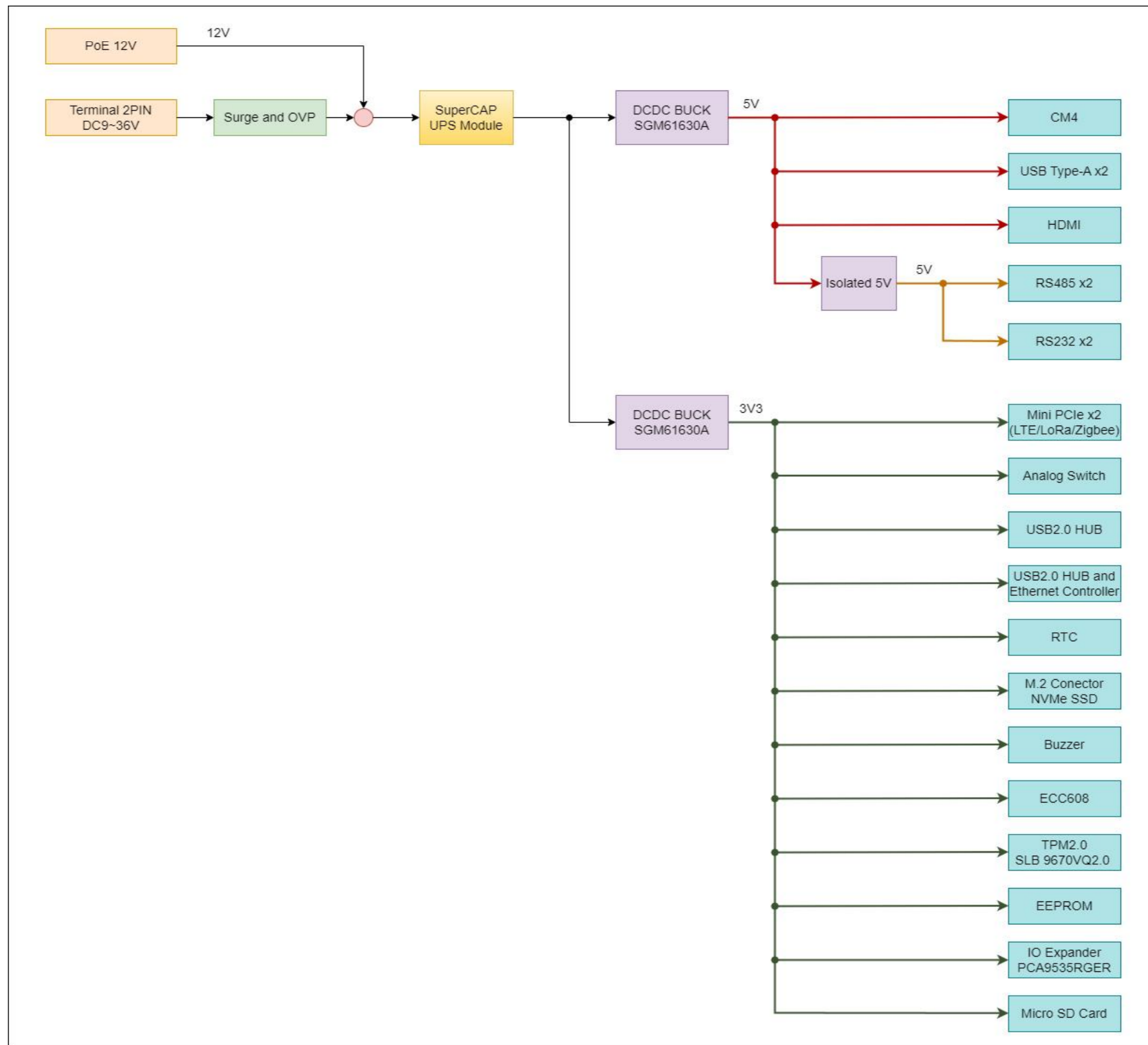
Schematic: reTerminal DM

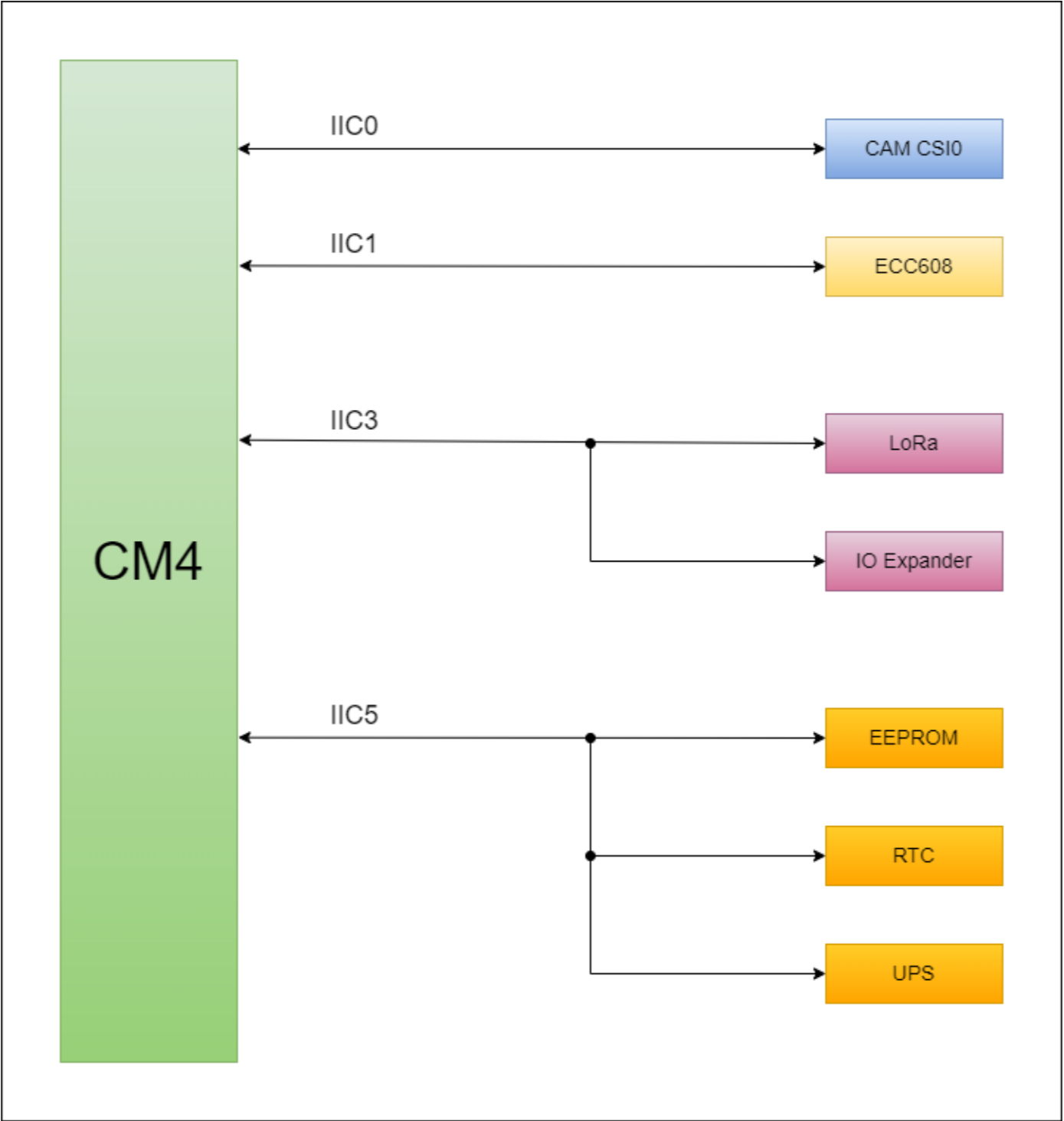
SHEET	SHEET NAME
01	Title/Revision History
02	Block Diagram
03	Power Block Diagram
04	IIC TREE
05	Power IN
06	Power Management
07	BTB-200PIN
08	USB2.0 Switch & RST Button
09	USB2.0 HUB1
10	USB2.0 HUB2 & USB A
11	HDMI & CSI0
12	IO Expand & 10/100M Ethernet
13	Type-C Debug
14	RTC & Encryption & EEPROM
15	Mini PICE
16	Gigabit PoE
17	Terminal
18	M.2 SSD

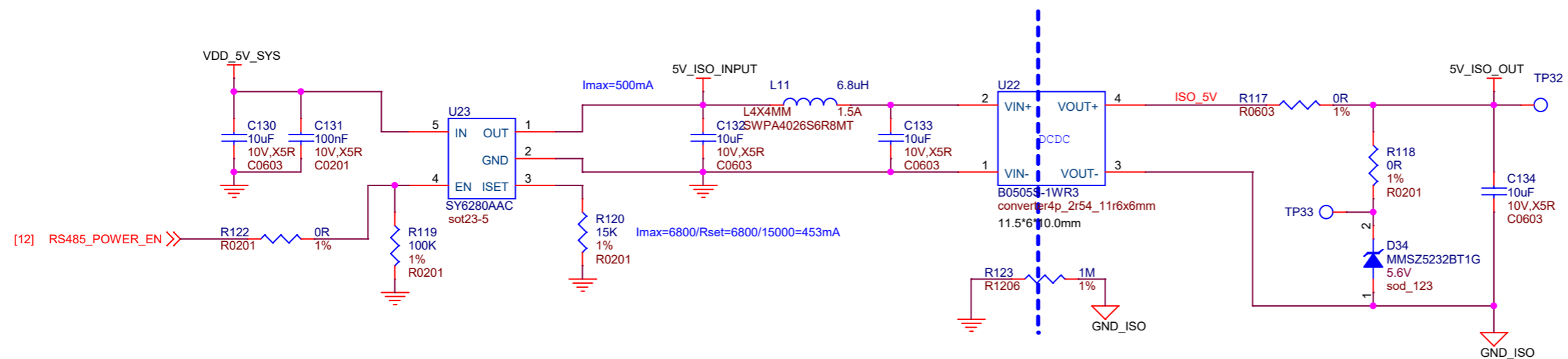
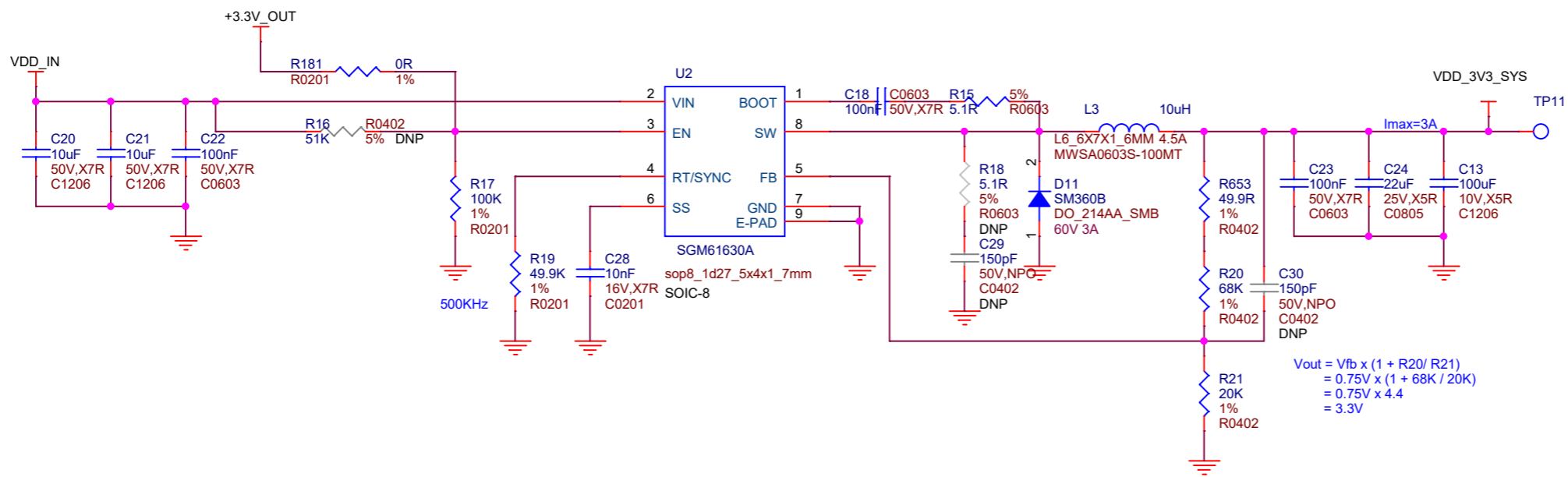
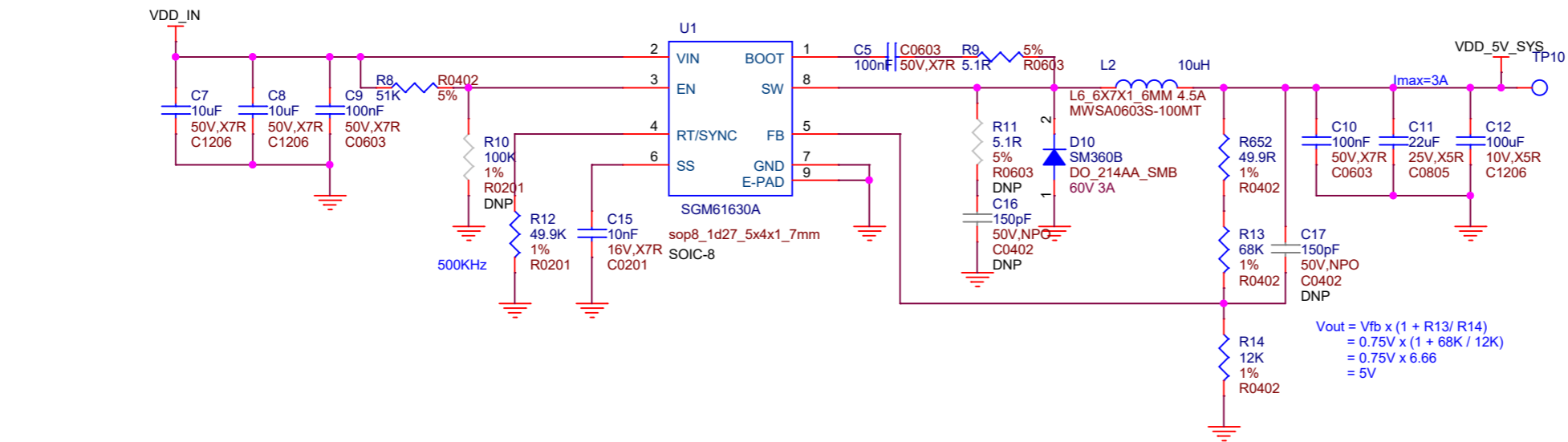
Revision History

DATE	REVISION	DESCRIPTION
08/20/24	v1.0	1. Initial

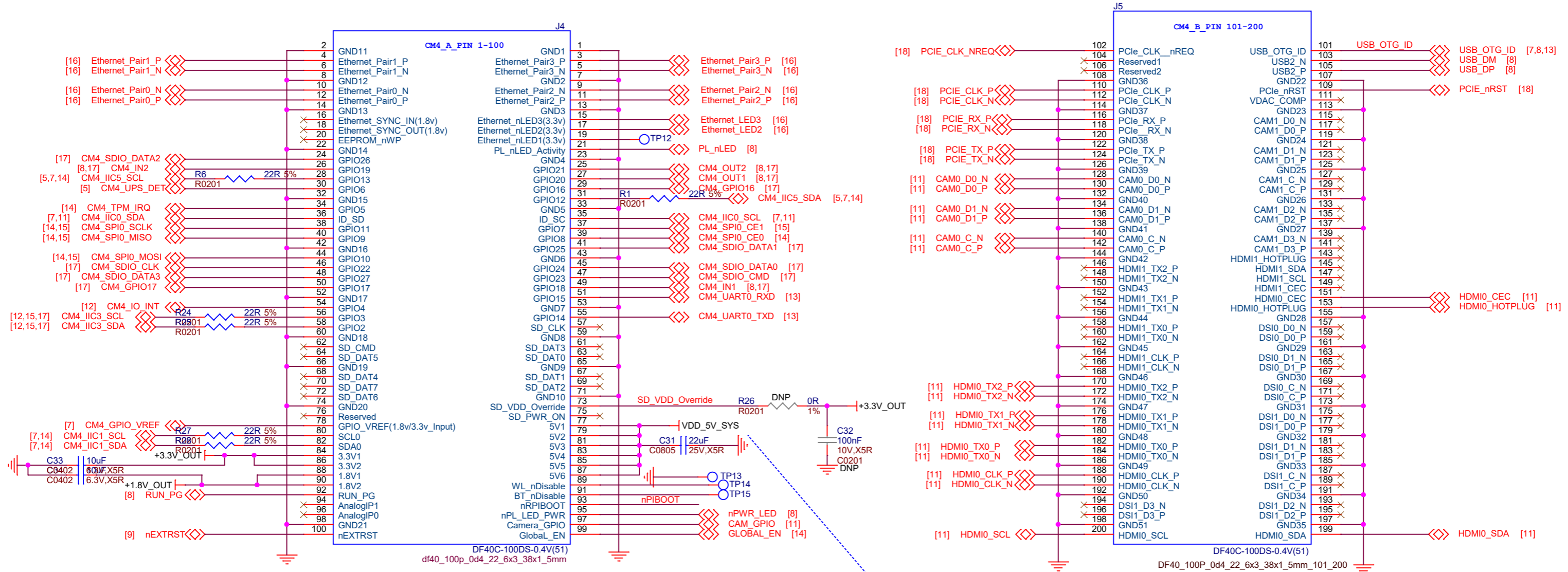




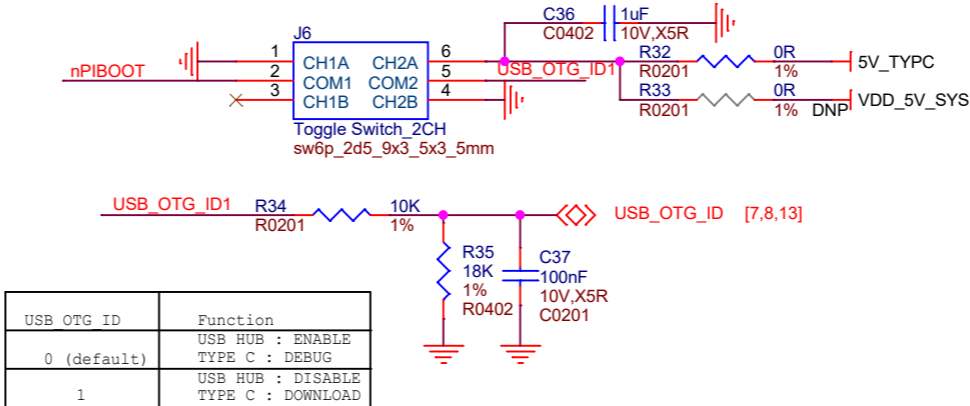




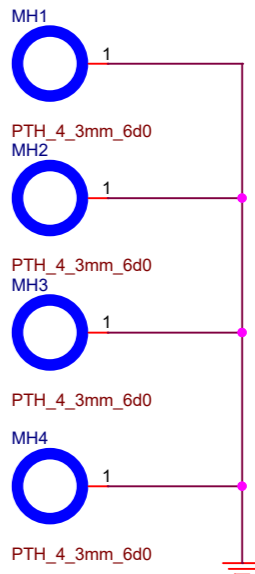
CM4 Core Board Interface 200PIN



USB UBOOT KEY

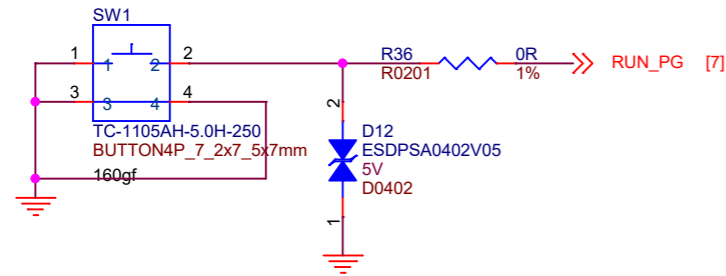


USB OTG ID	Function
0 (default)	USB HUB : ENABLE TYPE C : DEBUG
1	USB HUB : DISABLE TYPE C : DOWNLOAD

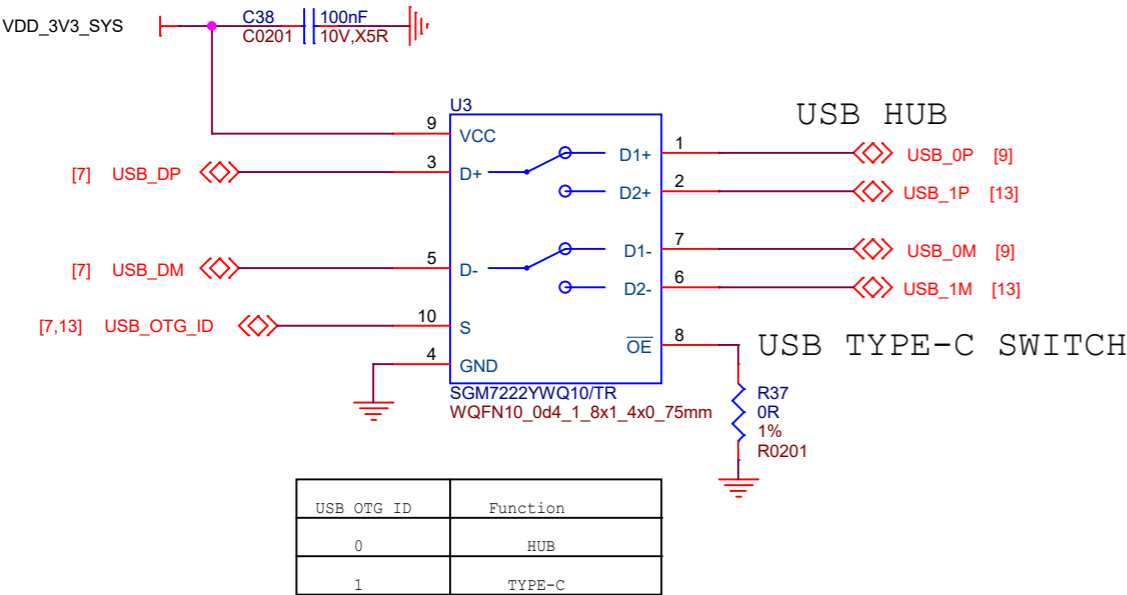


Design Note:
CM4 Patch Nut

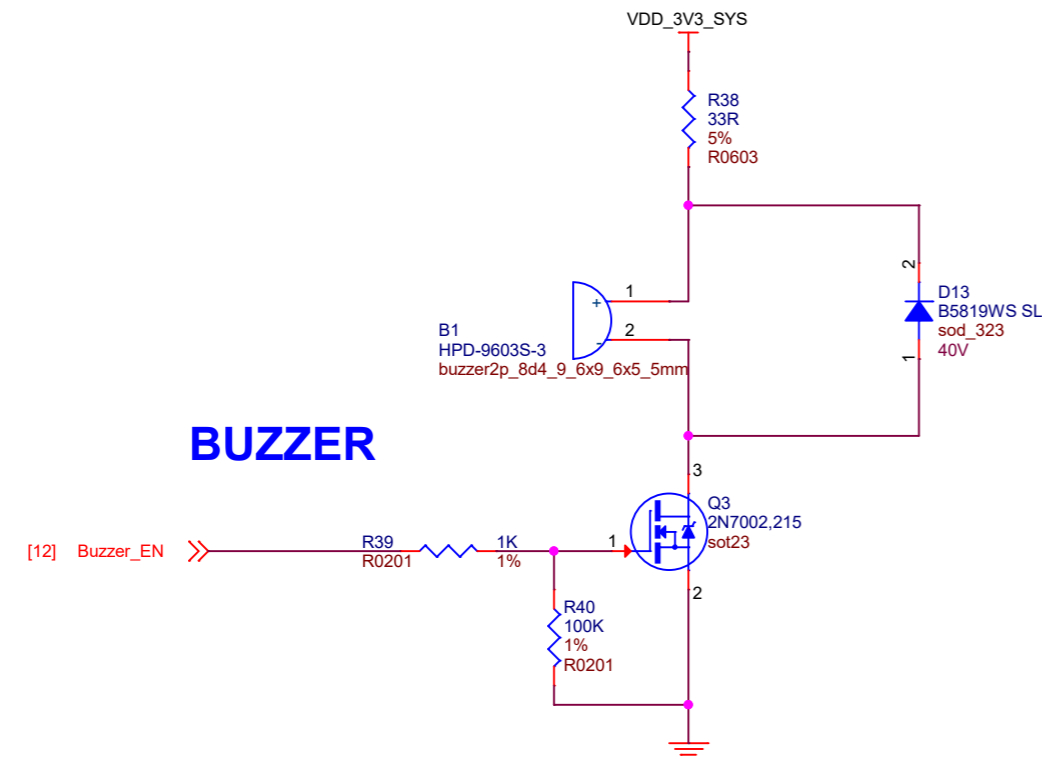
Reset Button



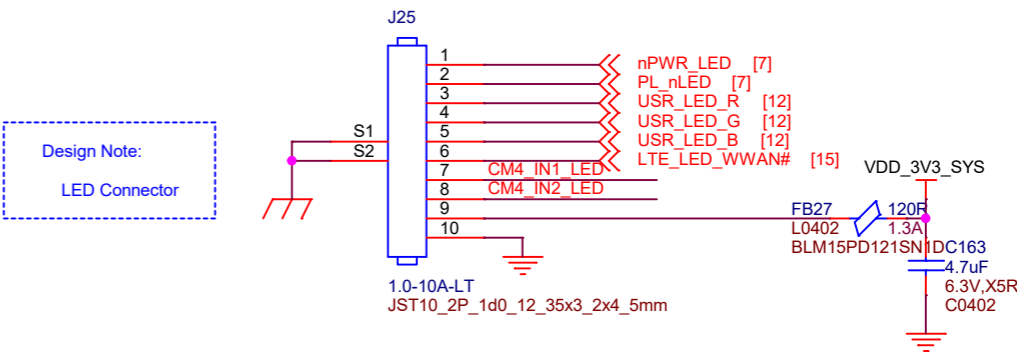
USB 2.0 physical toggle switch



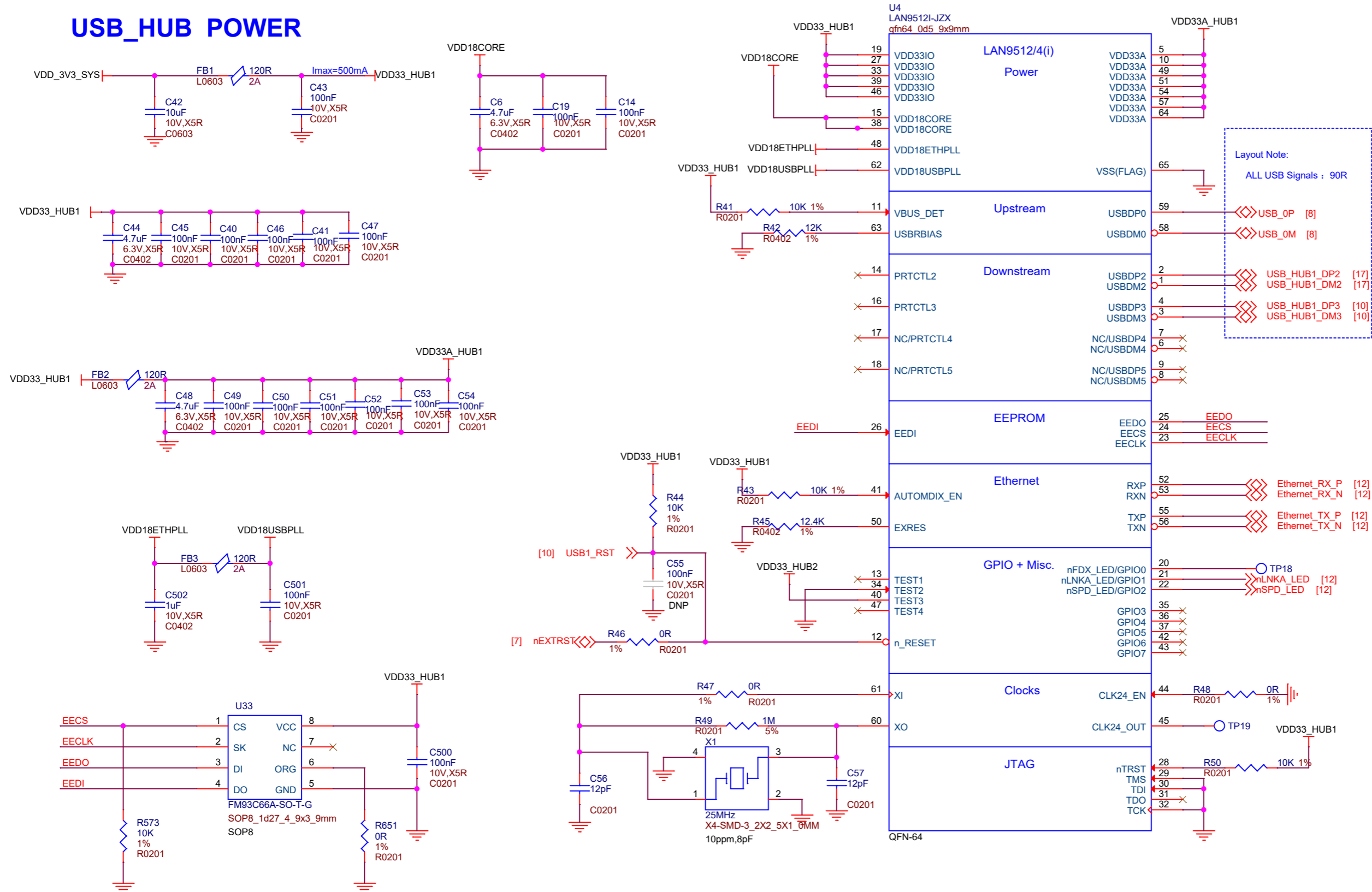
BUZZER



LED Connector

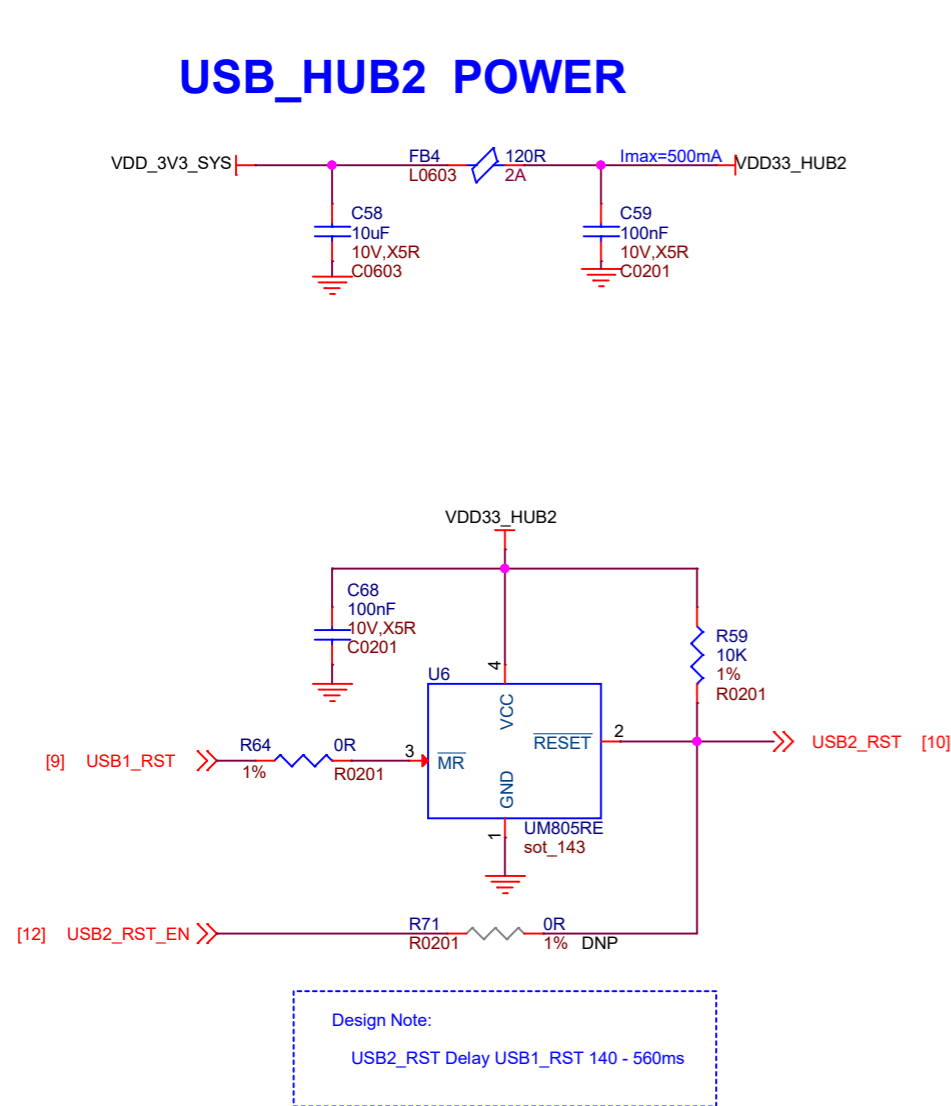


USB_HUB POWER

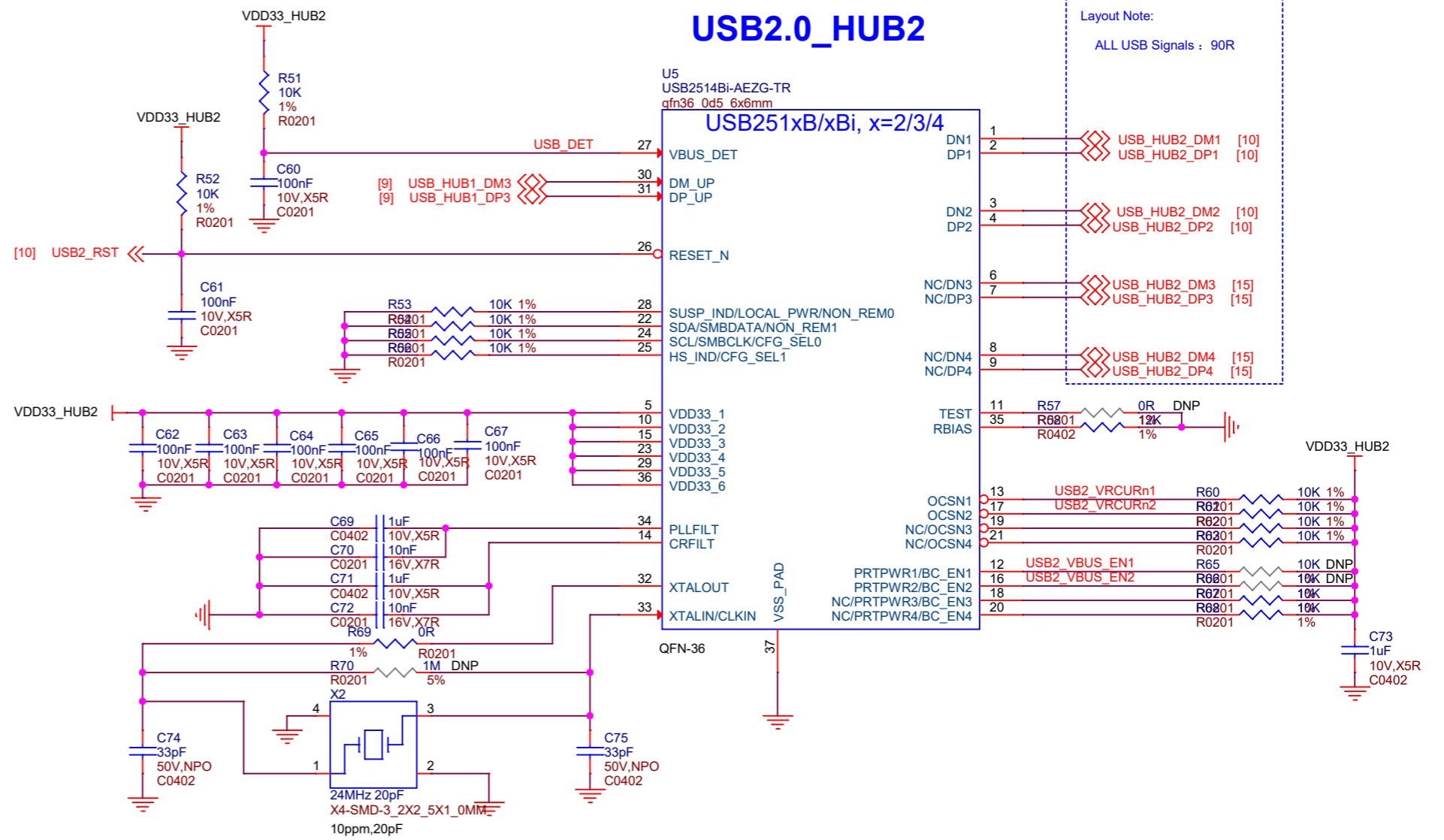


USB2.0_HUB1 & 100M Ethernet

USB_HUB2 POWER

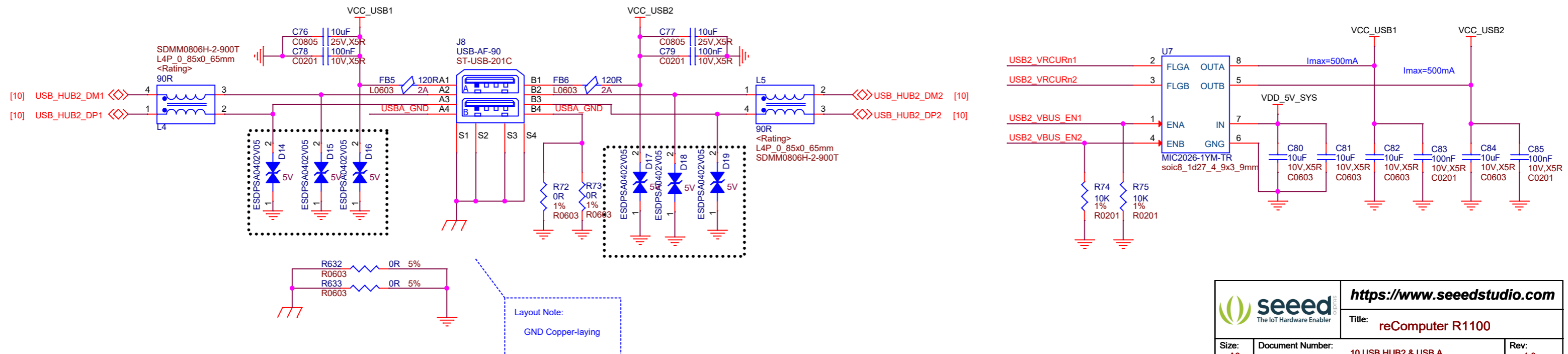


USB2.0_HUB2



DOUBLE_USB2.0_HOST_POWER

DOUBLE_USB2.0_HOST



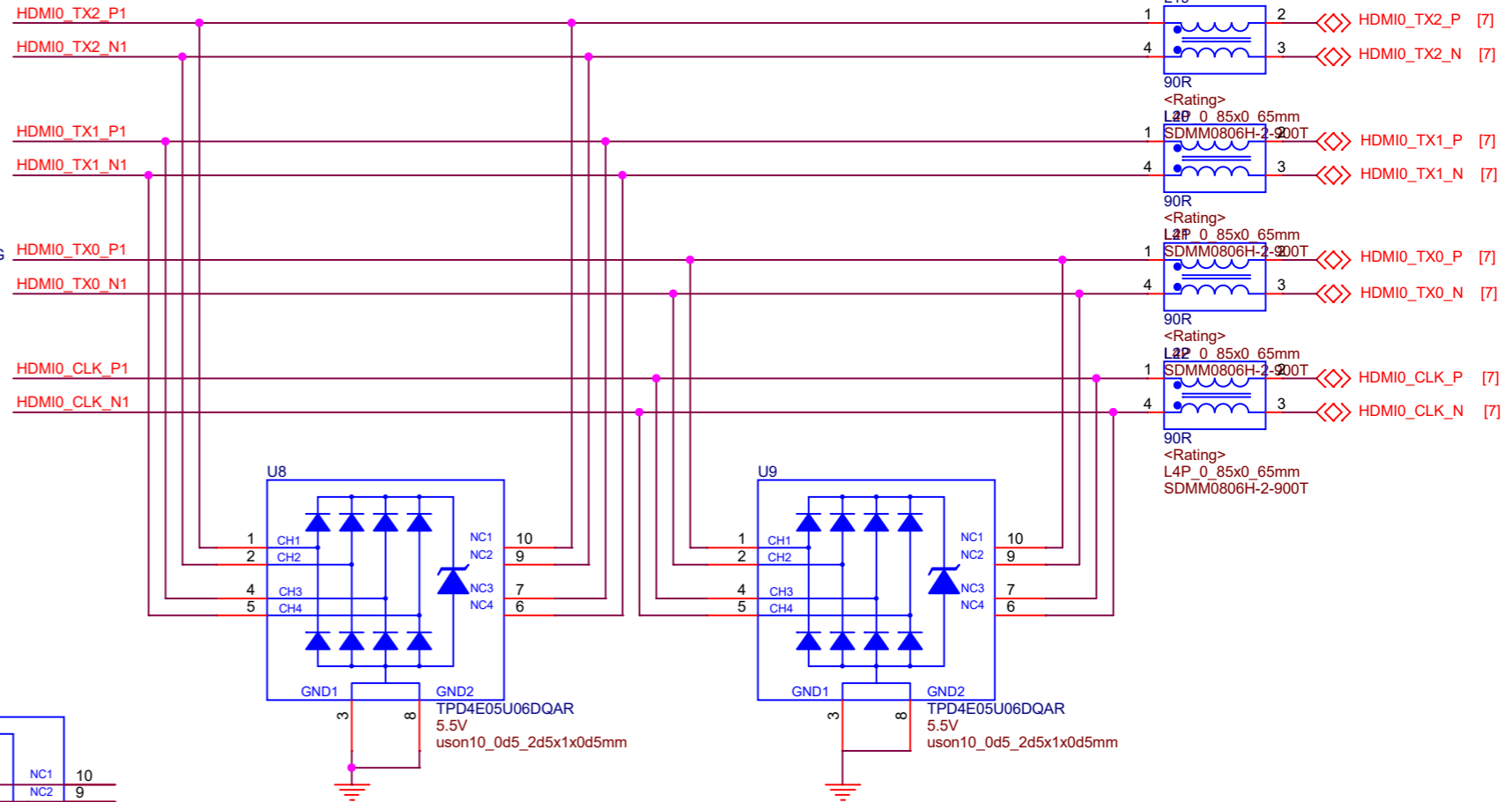
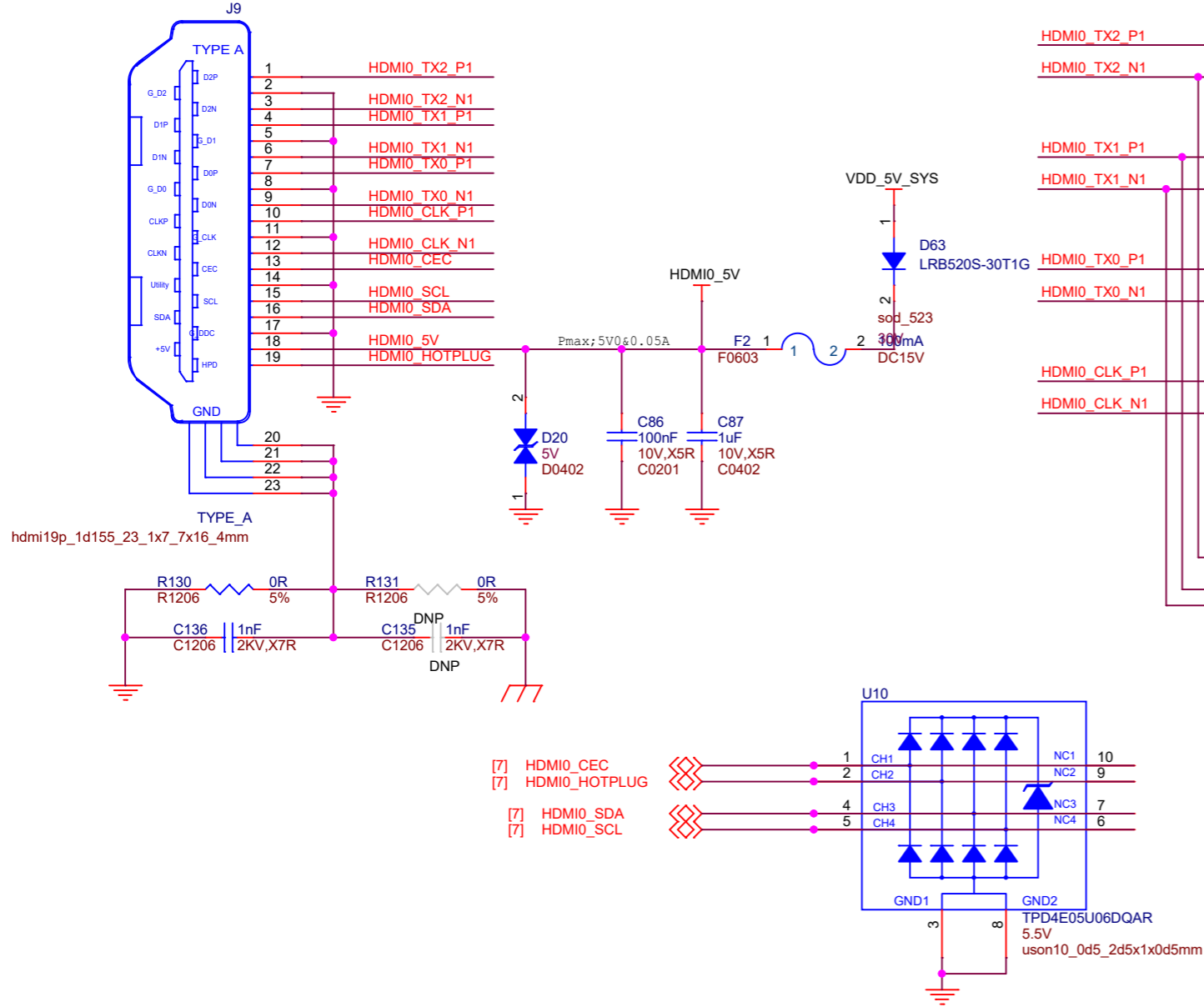
<https://www.seeedstudio.com>

Title: reComputer R1100

Size: A3	Document Number: 10 USB HUB2 & USB A	Rev: v1.0
Draw By: Harry Qin	Date: Thursday, October 24, 2024	Sheet: 10 of 18

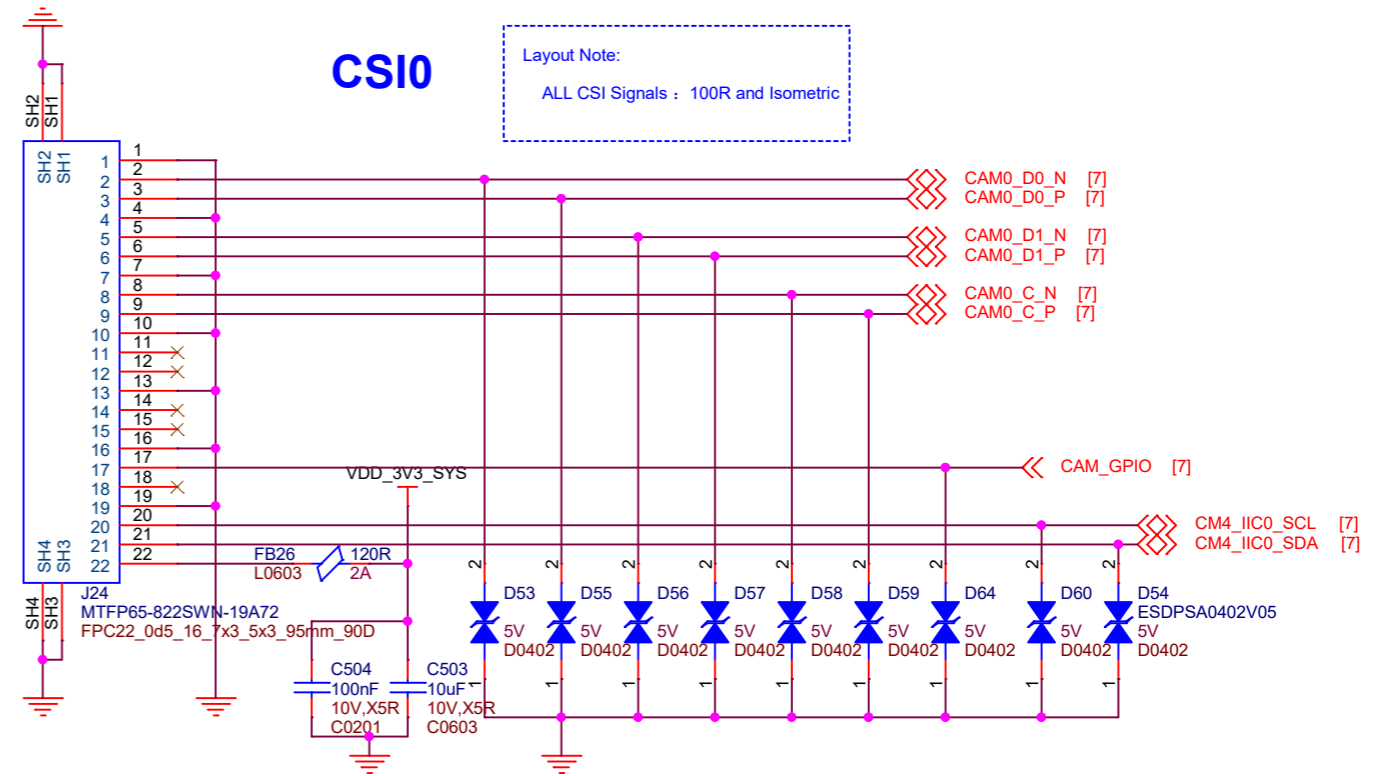
HDMI 2.0

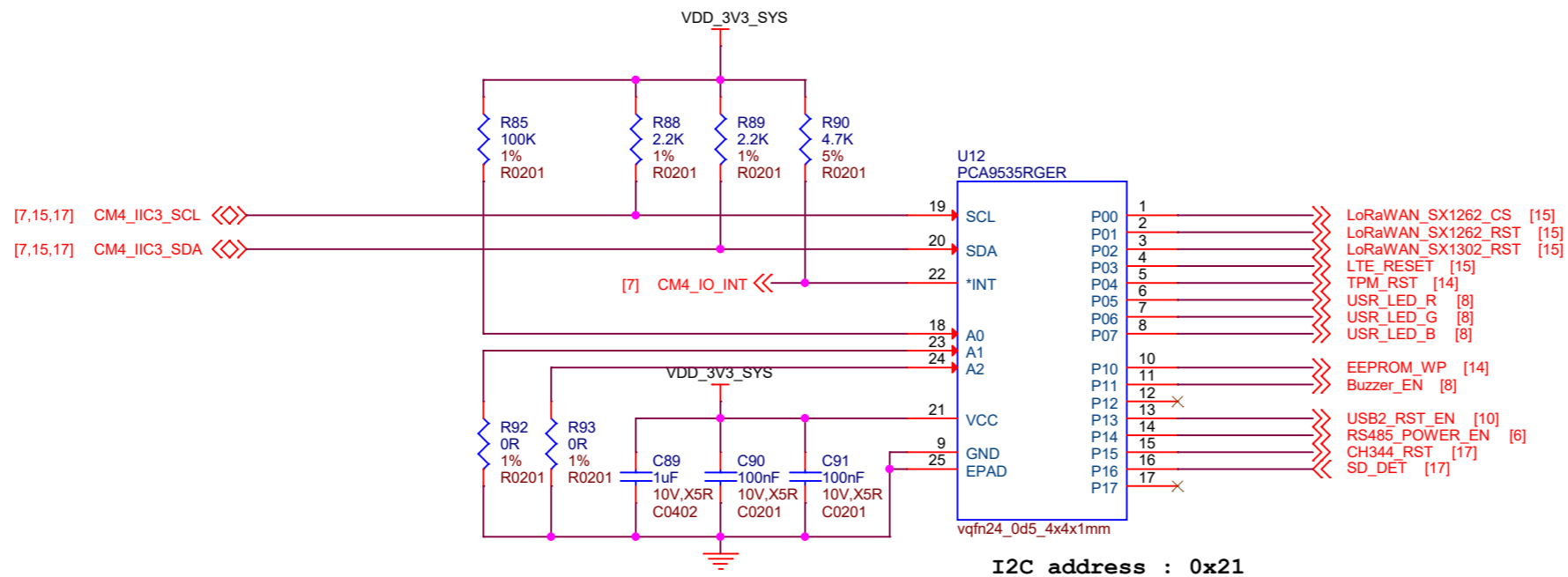
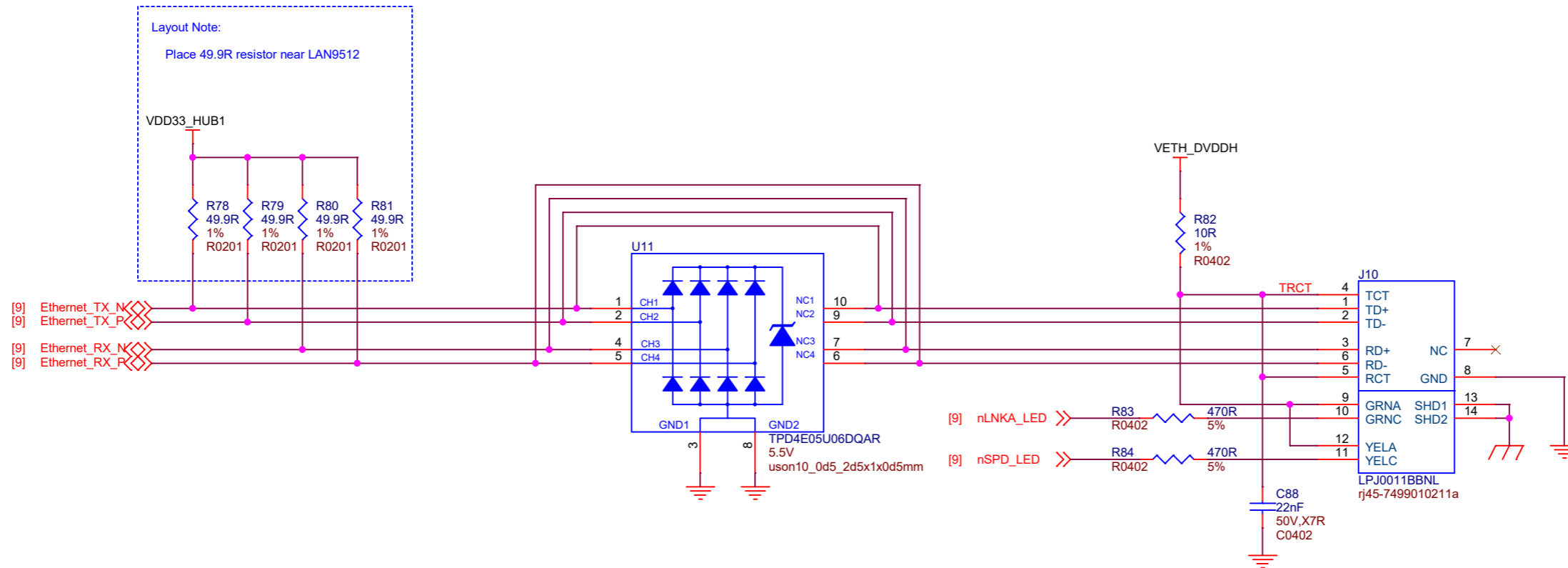
Layout Note:
ALL HDMI Signals : 100R and Isometric



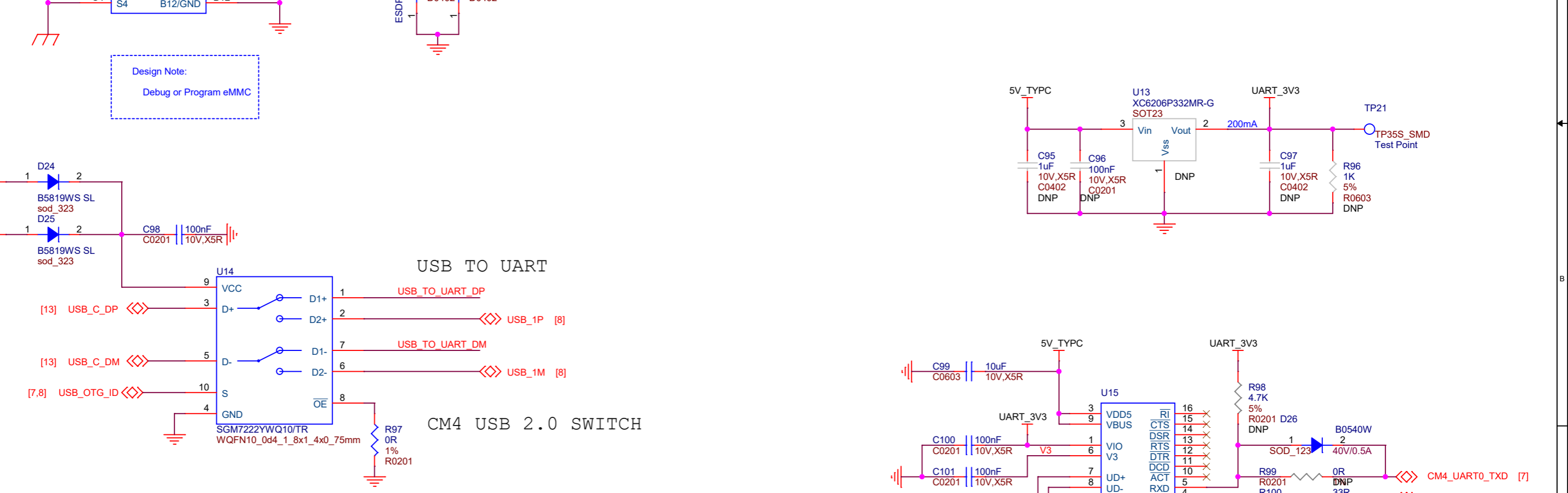
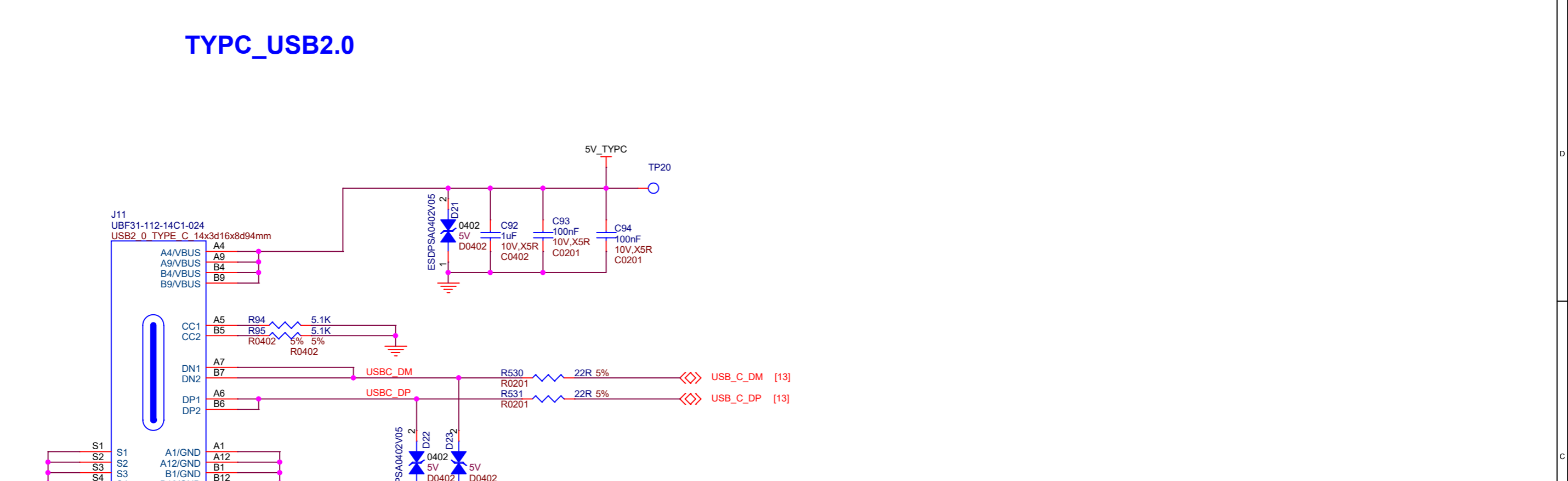
CSI0

Layout Note:
ALL CSI Signals : 100R and Isometric

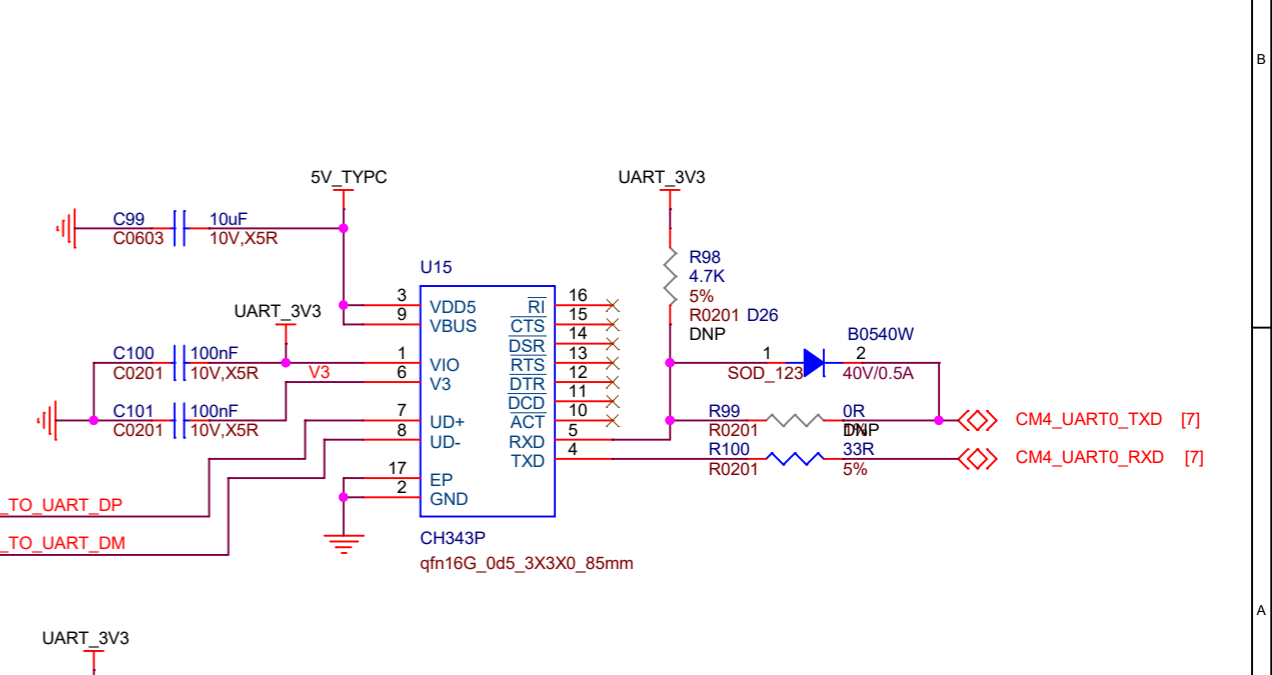
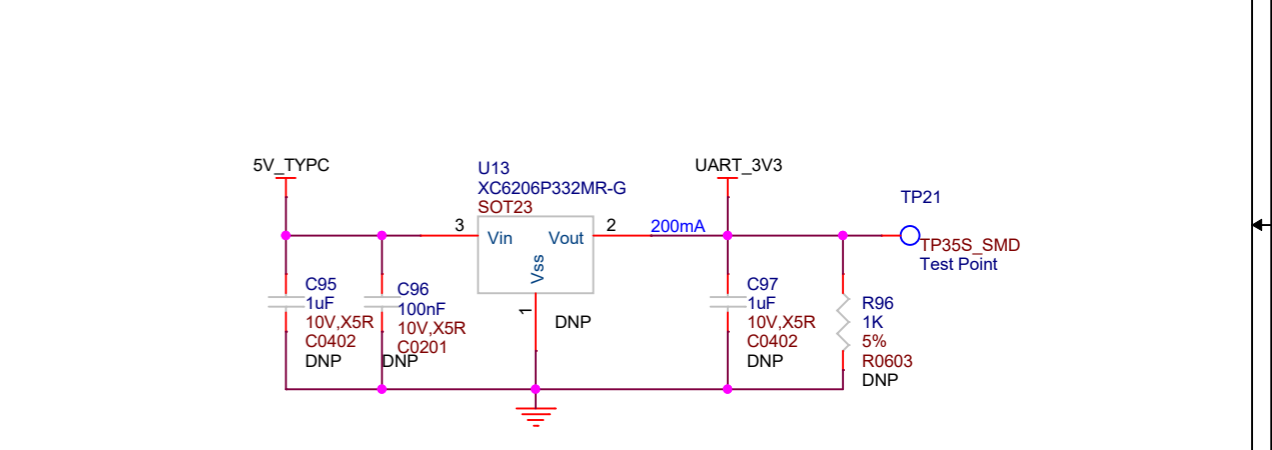




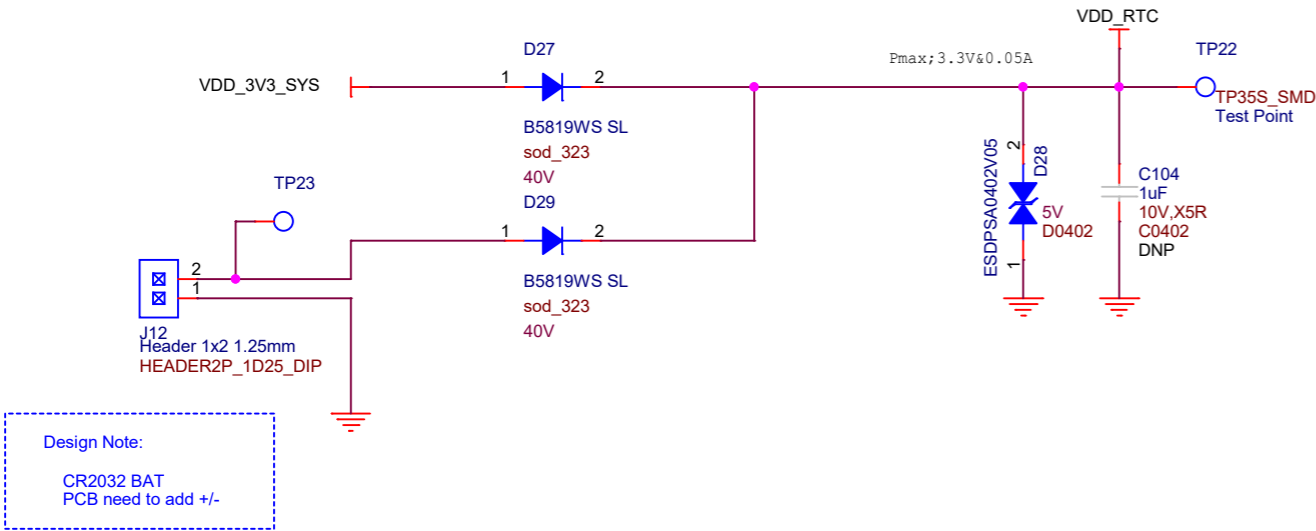
5	4	3	2	1
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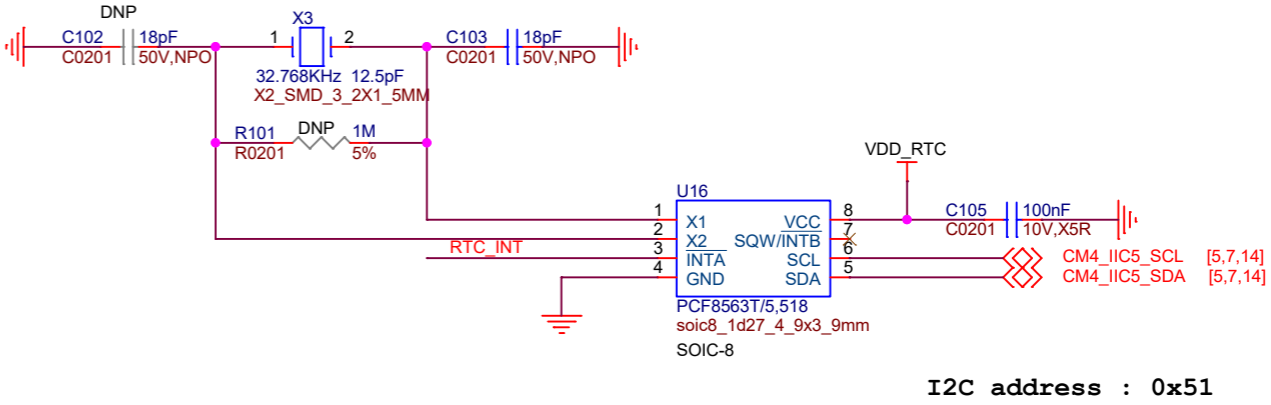
USB OTG ID	Function
0	UART
1	EMMC S. Switch



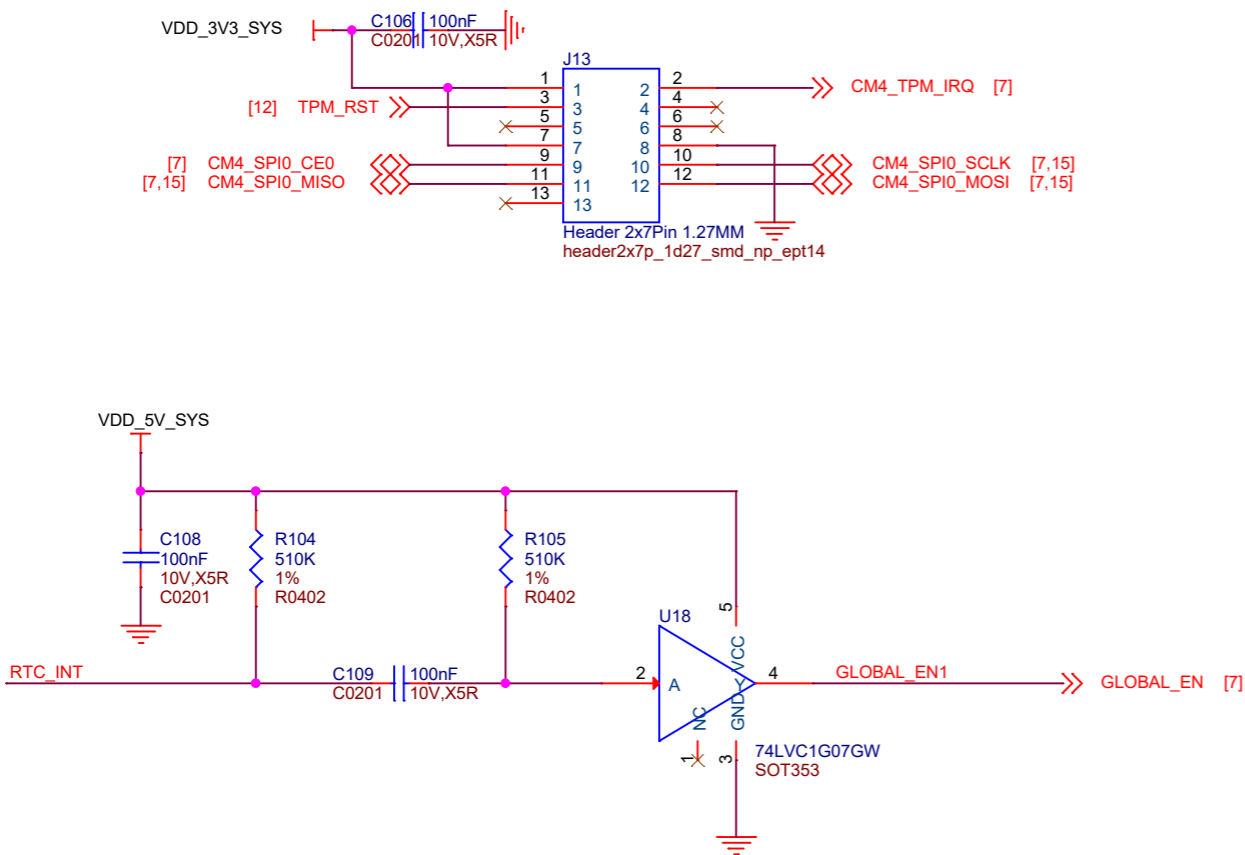
RTC_POWER



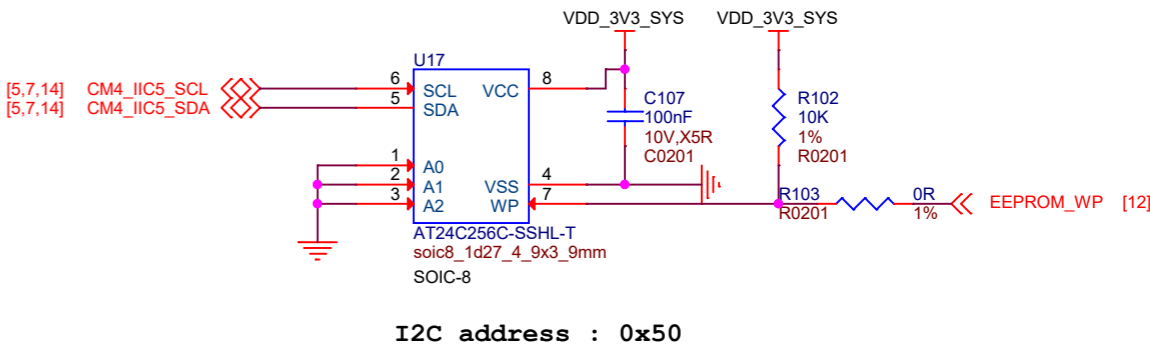
RTC IC



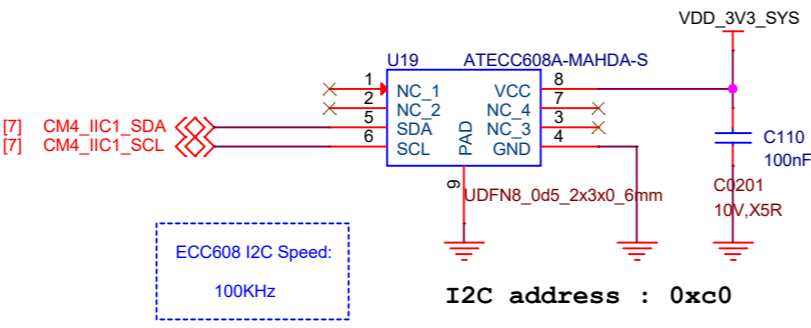
TPM2.0



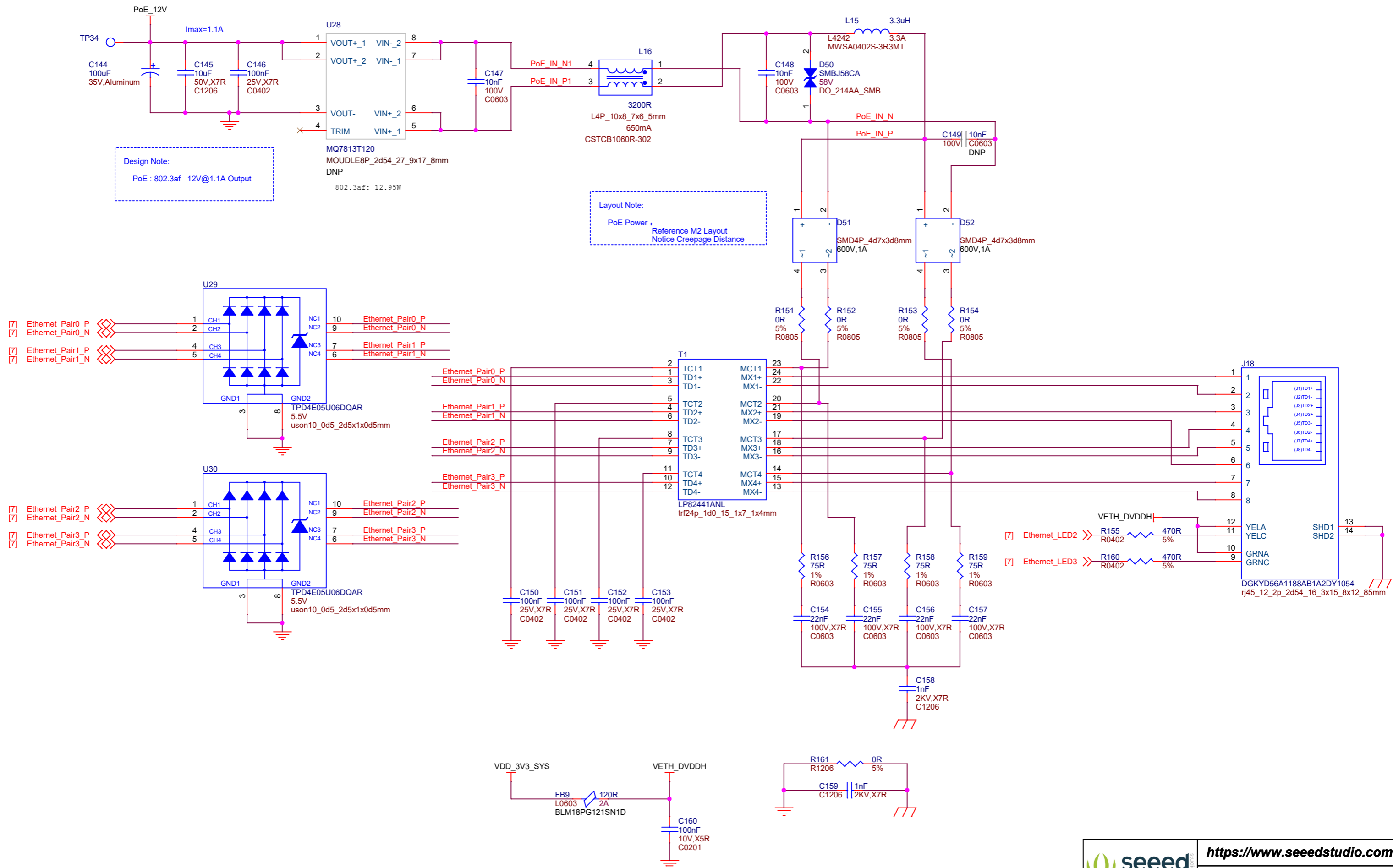
EEPROM

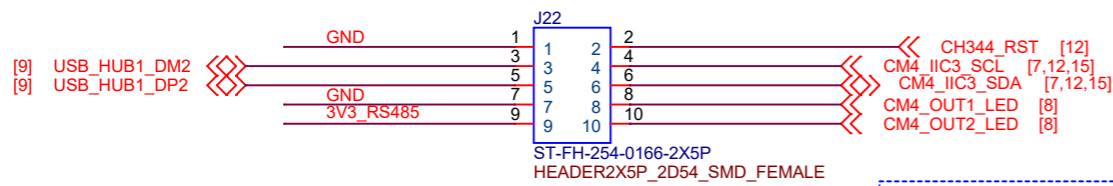


encryption Sensor

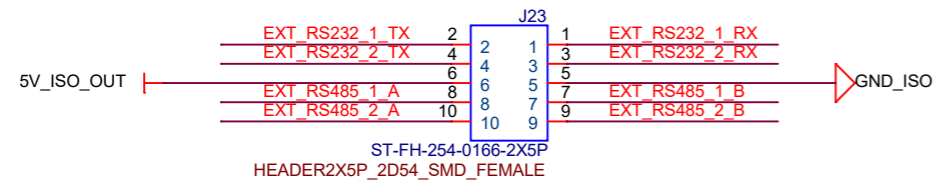




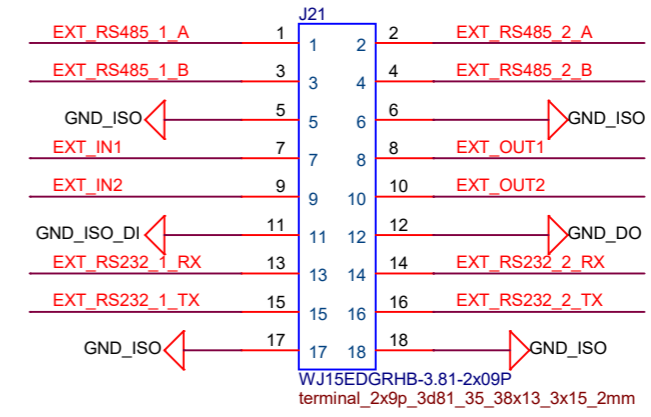
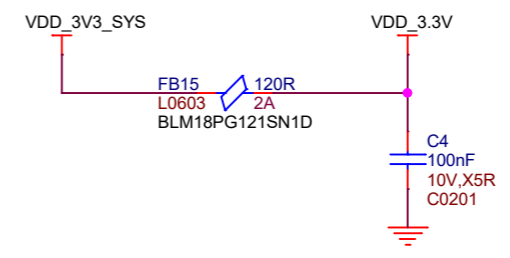
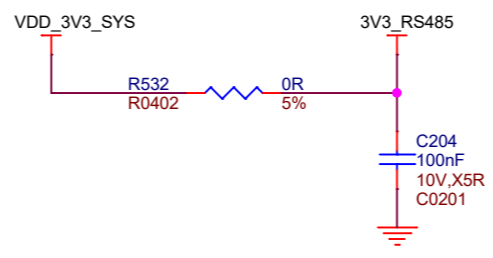




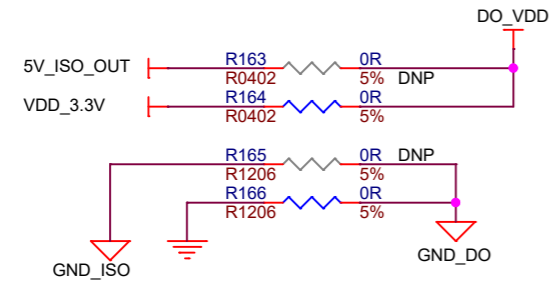
RS485&232 TOP Layer



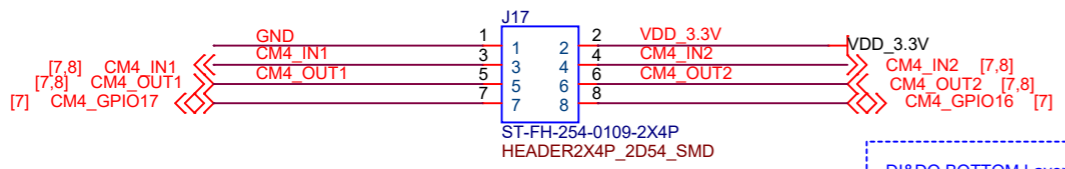
RS485&232 Board Connector



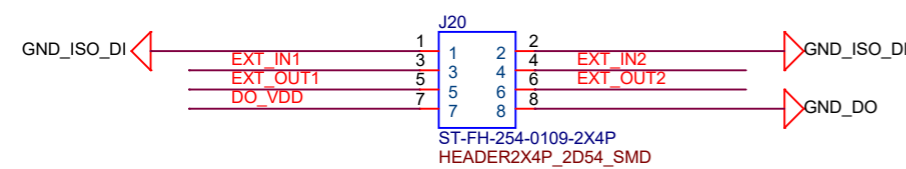
Terminal



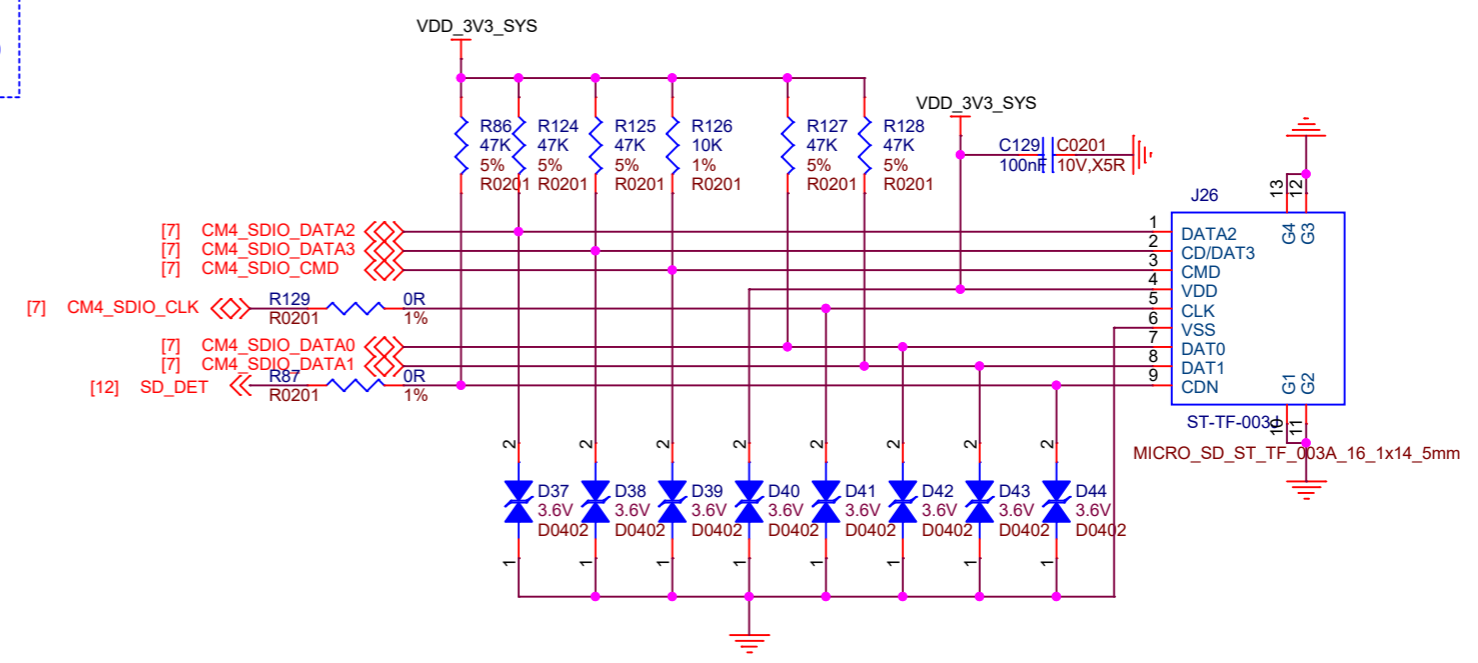
Design Note:
DO Isolated : R163 and R165 fitted
DO no Isolated : R164 and R166 fitted (default)



DI&DO BOTTOM Layer



DI&DO Board Connector



Micro SD Card Holder

