




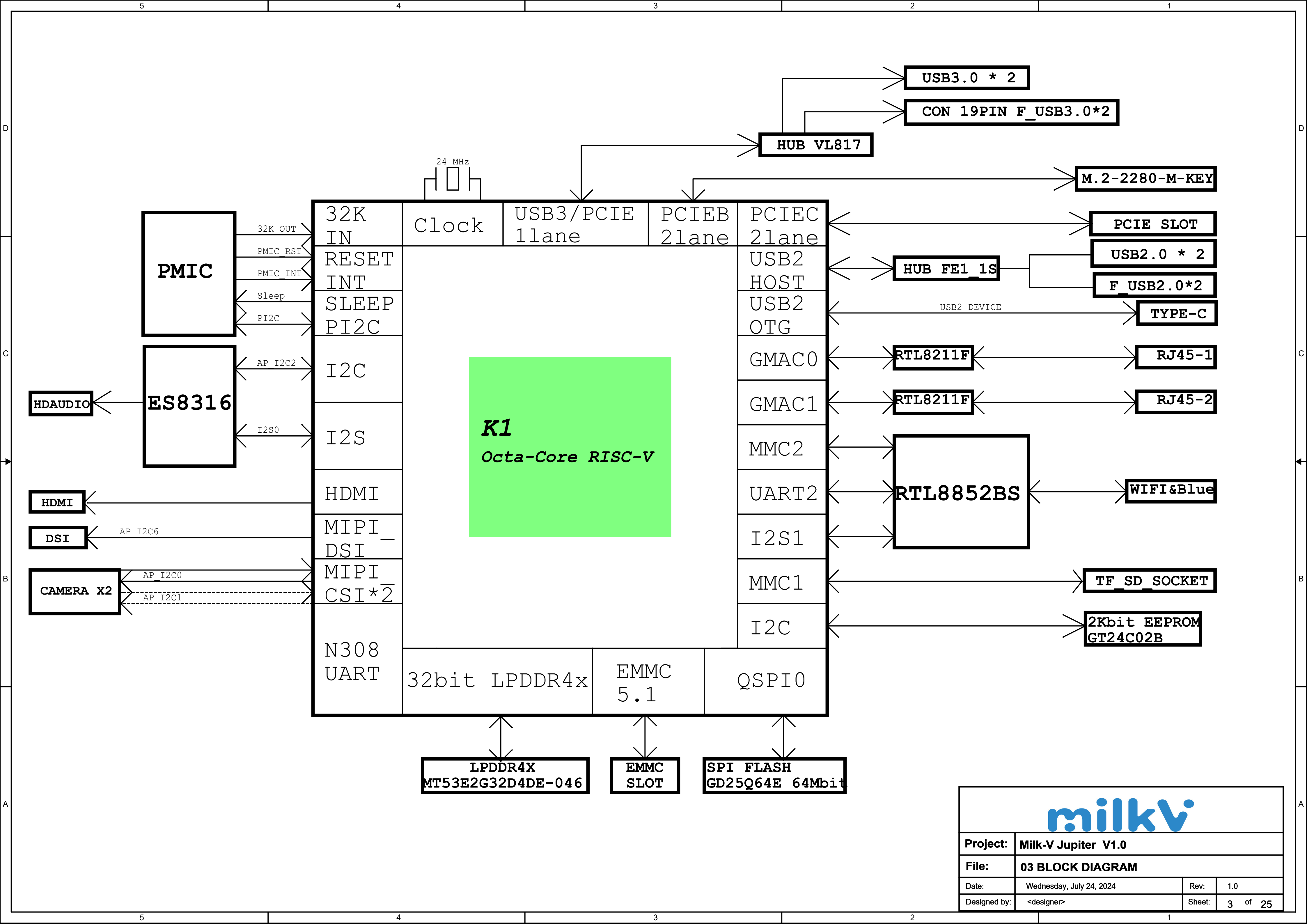
# Milk-V Jupiter schematic

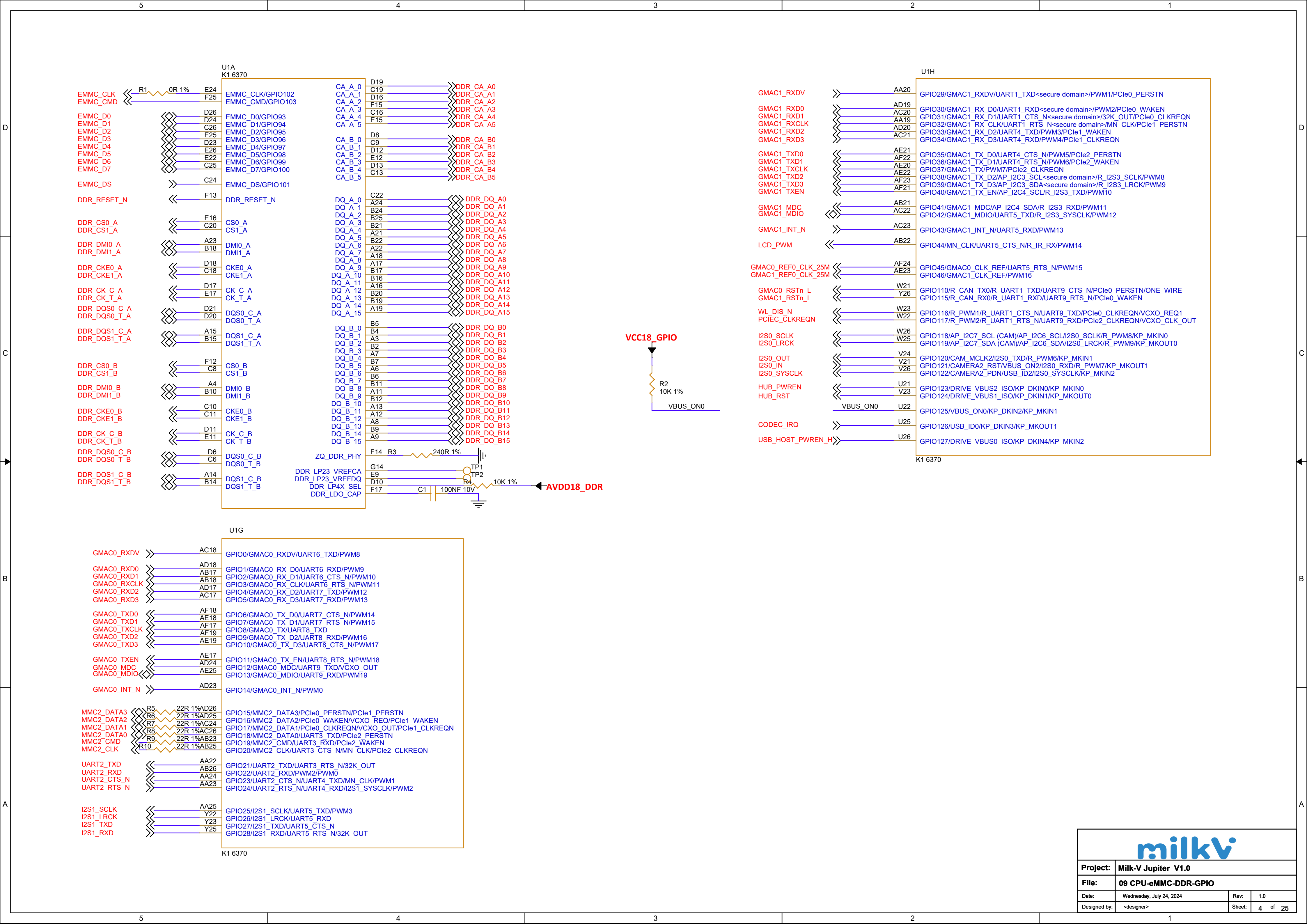
V1.0

# Index

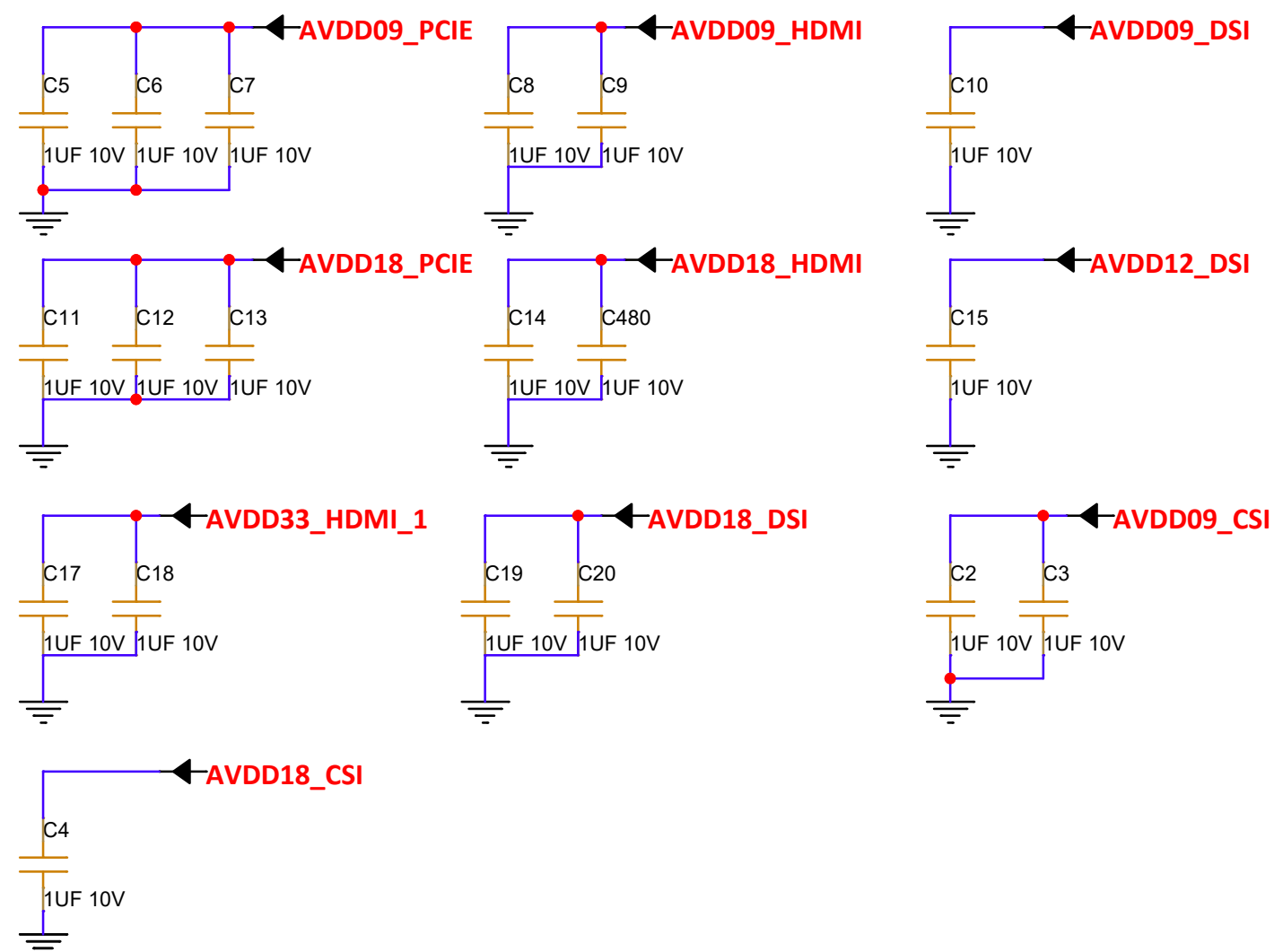
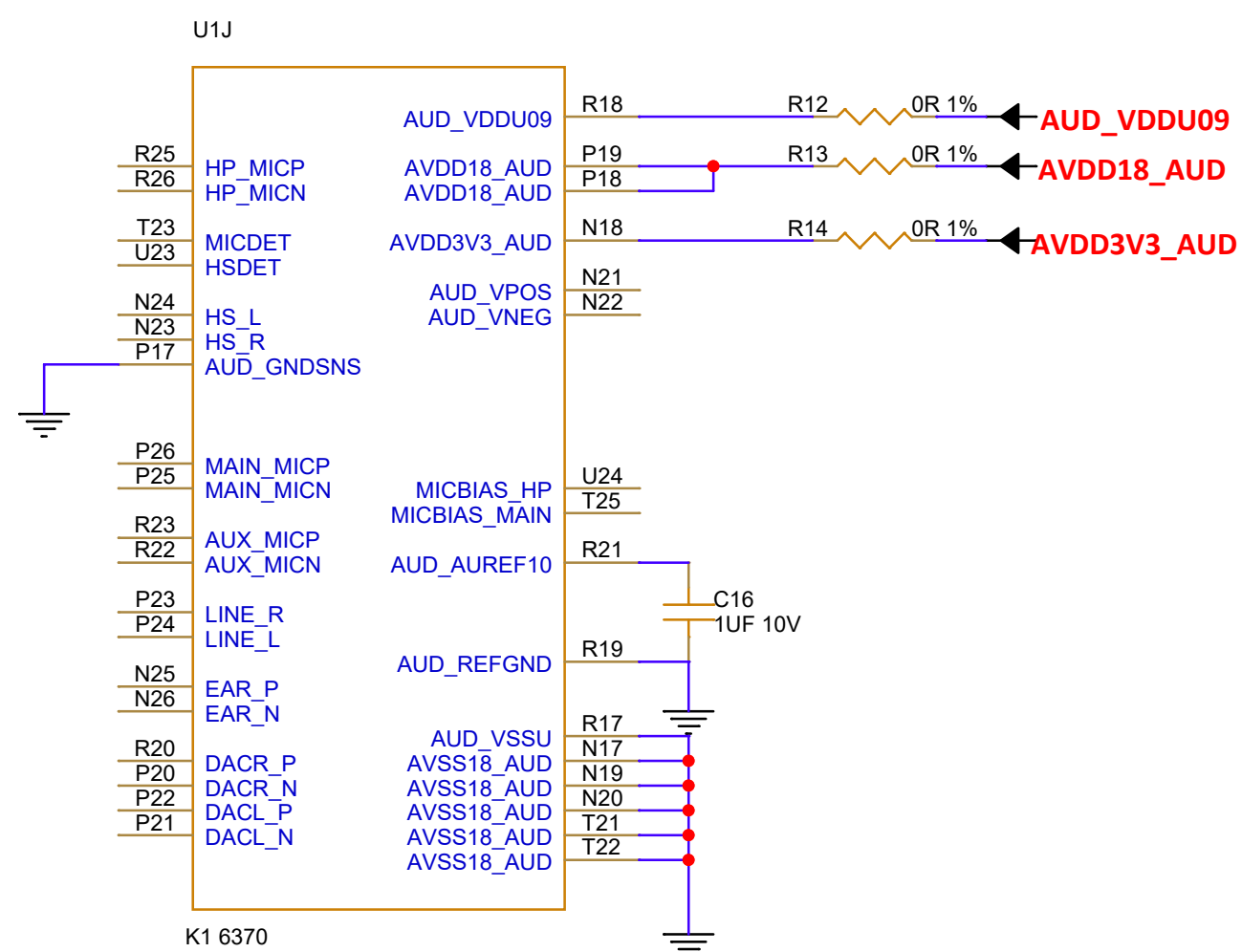
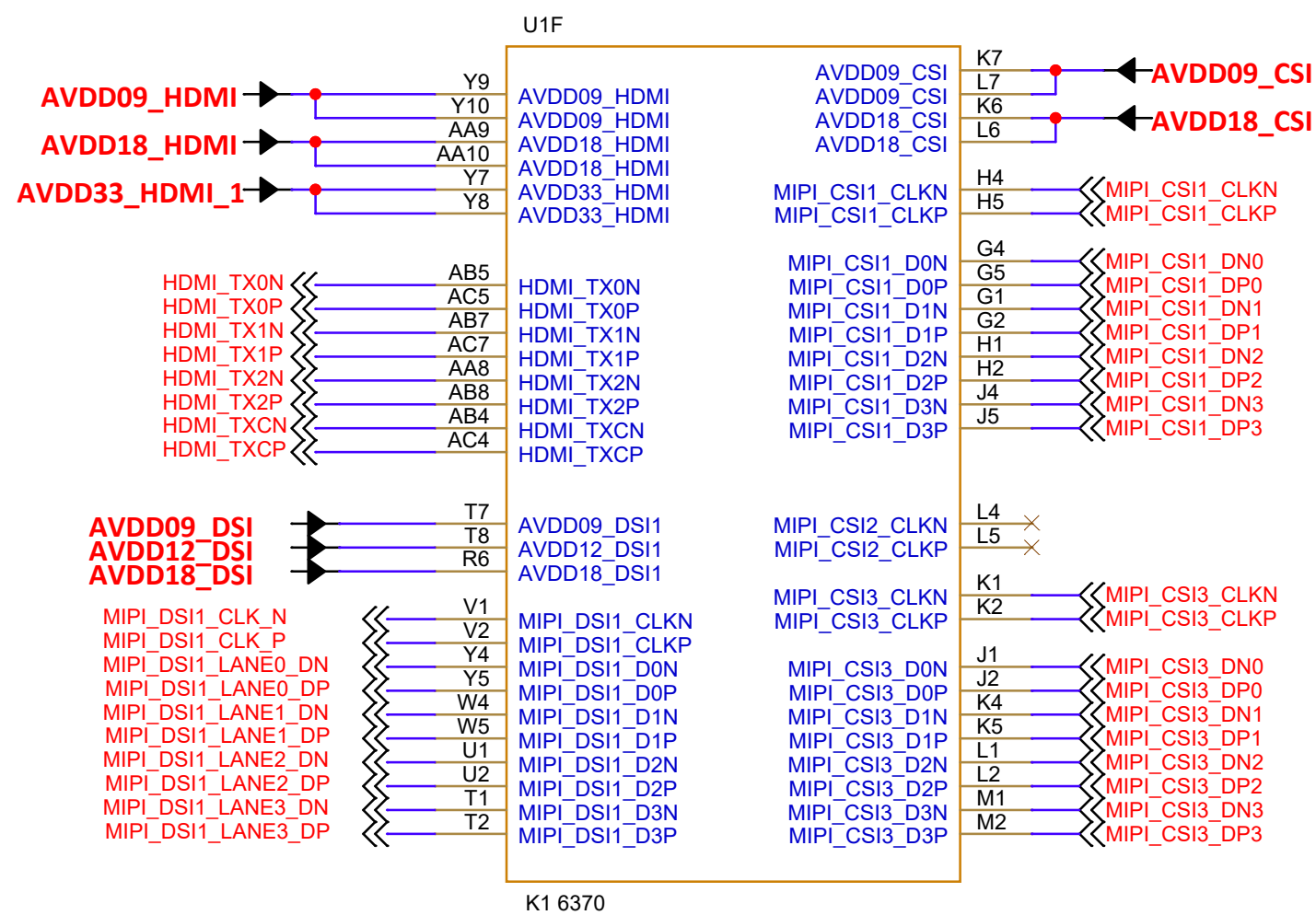
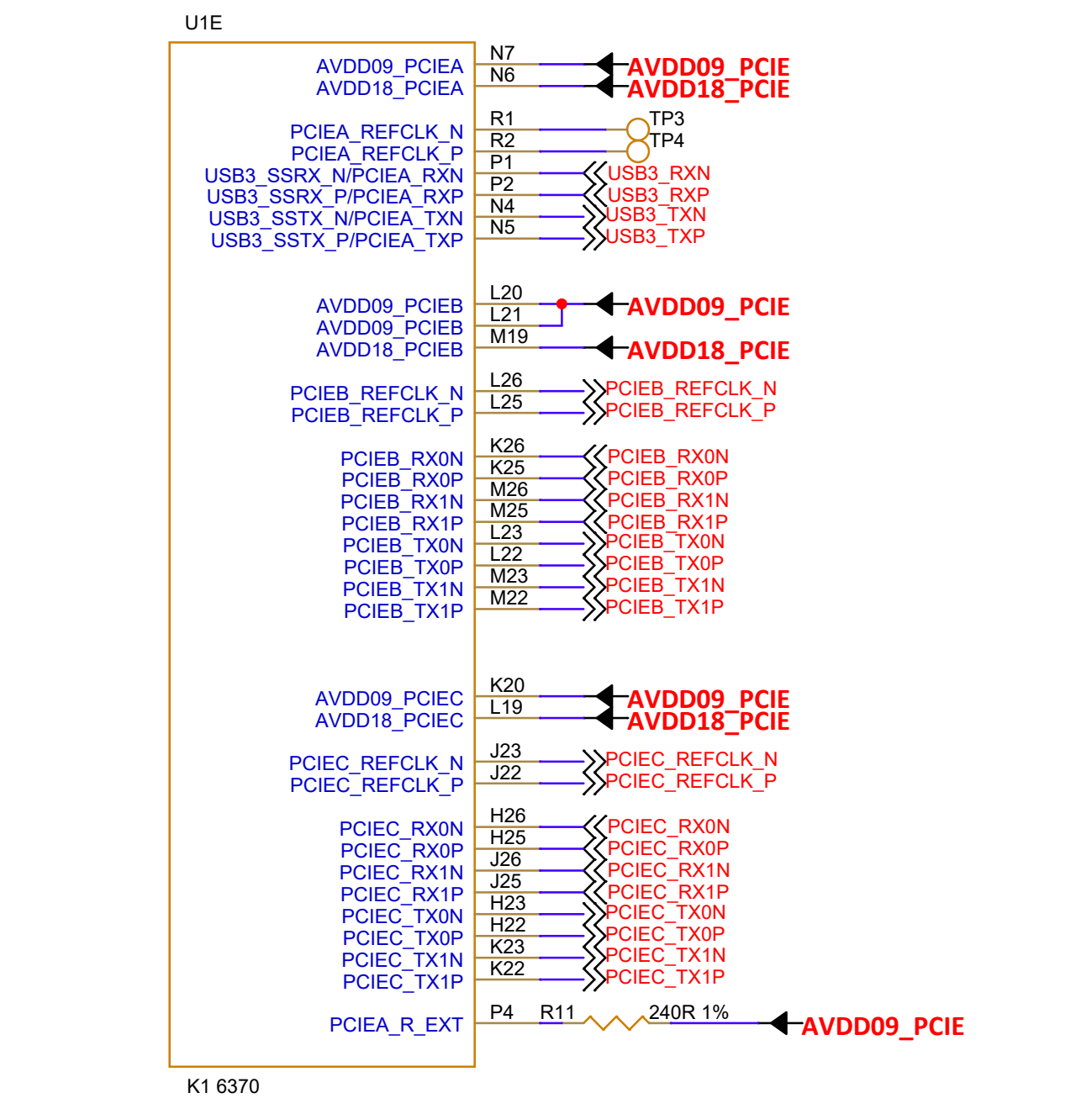
01	Cover
02	Index
03	BLOCK DIAGRAM
04	CPU-EMMC-DDR-GPIO
05	CPU-Perphery
06	CPU-PWR
07	CPU-SYS-GPIO
08	POWER-DCDC
09	POWER-PMIC
10	LPDDR4x
11	eMMC
12	FLASH-SD-EEPROM
13	Camera
14	HDMI
15	VO-MIPI DSI
16	WiFi/BT-SDIO 2T2R/UART
17	Ethernet-GMAC0
18	Ethernet-GMAC1
19	POE_ATXPWR_DCIN
20	USB3 HUB
21	USB2 HUB
22	PCIEB M.2 KEY M
23	PCIEC x8 Slot
24	Audio ES8316
25	CON/OTG/DEBUG

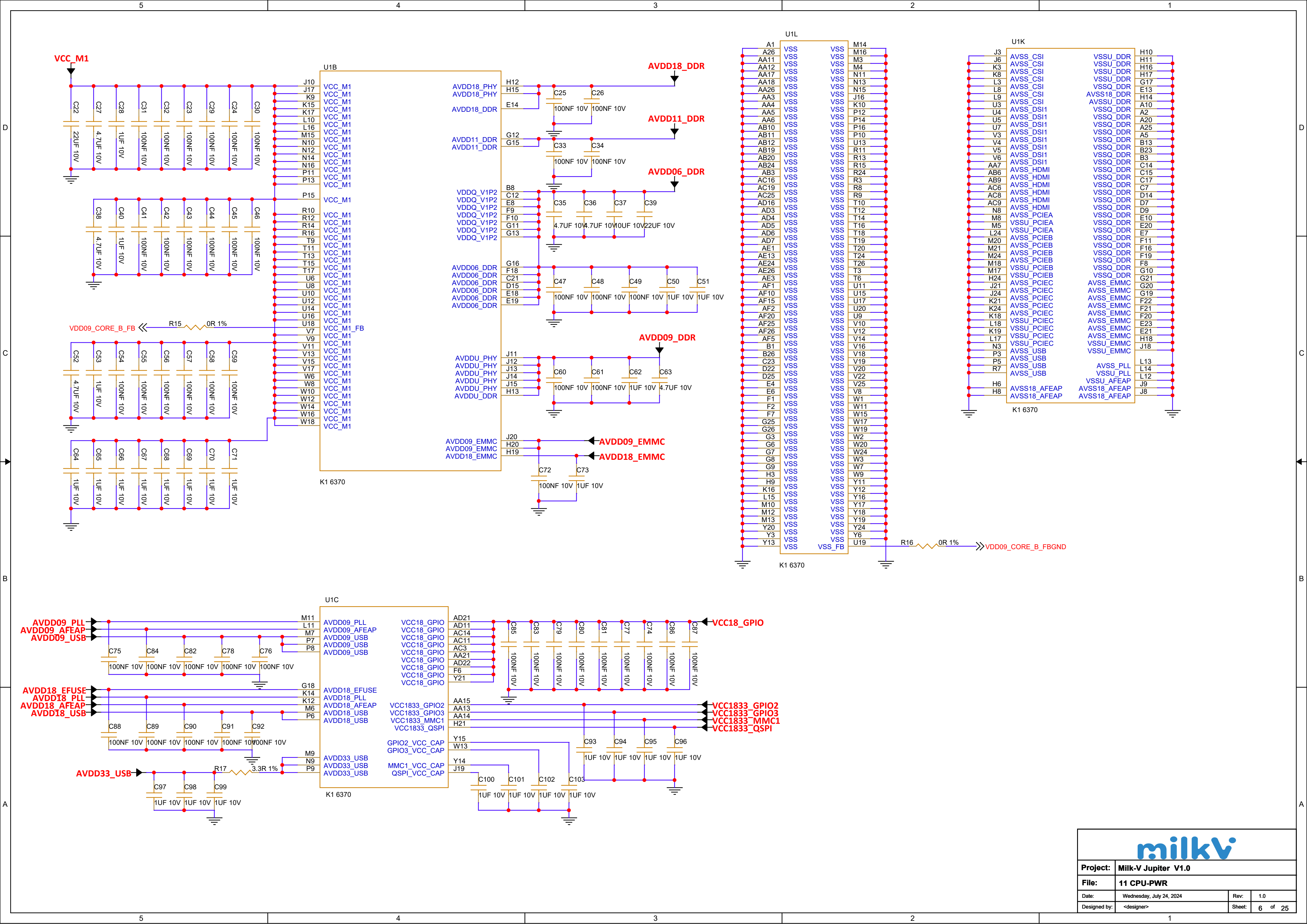
			
Project:	Milk-V Jupiter V1.0		
File:	02 Index		
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Project: Milk-V Jupiter V1.0

File: 11 CPU-PWR

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Designed by: <designer>

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D

D

C

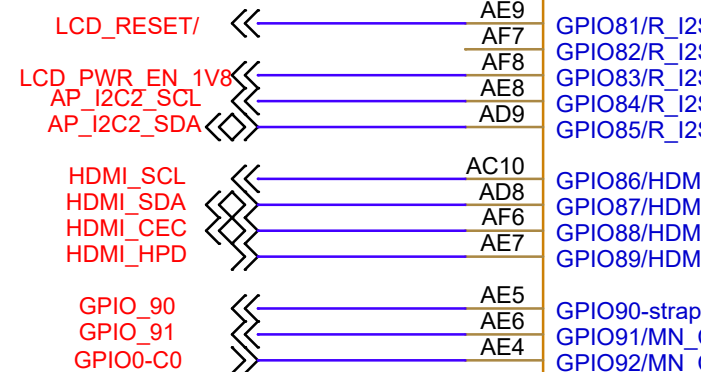
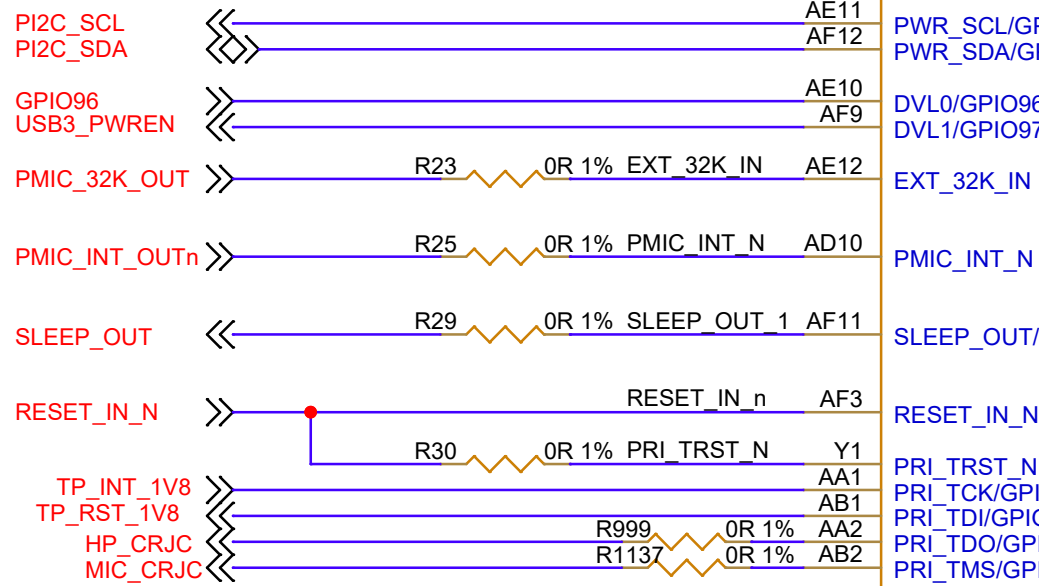
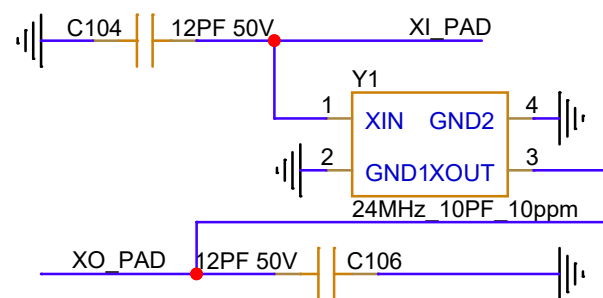
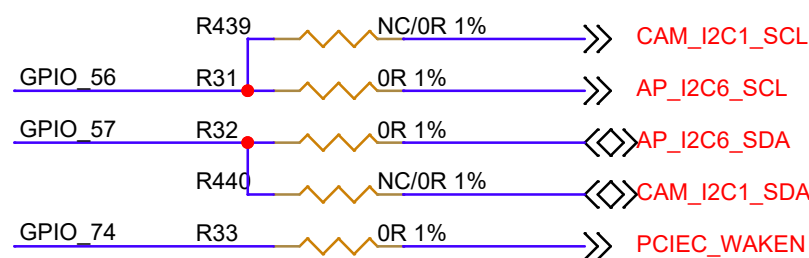
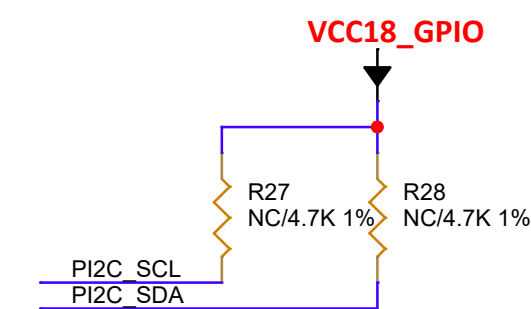
C

B

B

A

A



PCIEC\_PRSENT

FAN\_PWM

SD\_CD\_3V3

R\_UART0\_TXD\_3V3

R\_UART0\_RXD\_3V3

PCIEC\_I2C\_SCL

PCIEC\_I2C\_SDA

CAM\_MCLK0

CAM\_I2C0\_SCL

CAM\_I2C0\_SDA

CAM\_MCLK1

CAMERA0\_RST

CAMERA1\_RST

CAMERA0\_PDN

CAMERA1\_PDN

BT\_RESETN

AP\_WAKE\_BT

BT\_WAKE\_AP

WL\_WAKE\_AP

WL\_REG\_ON

UART0\_TXD

UART0\_RXD

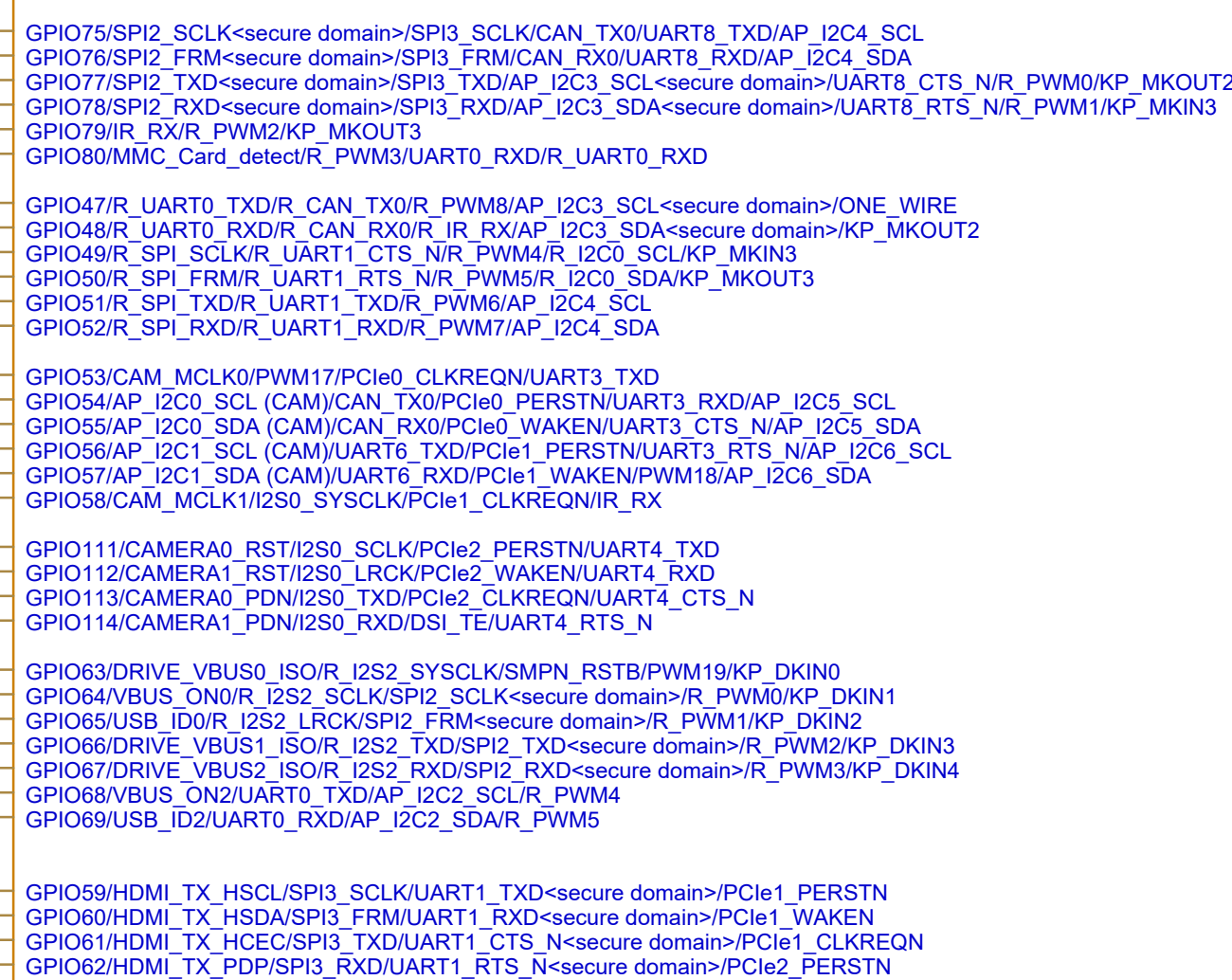
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PCIEB\_WAKEN

PCIEB\_CLKREQN

PCIEC\_PERSTN

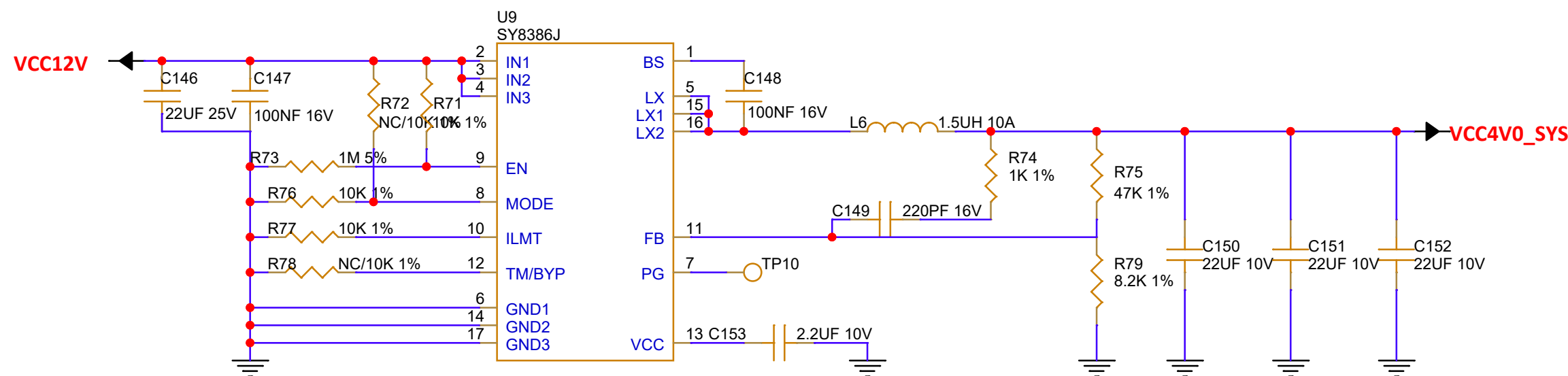
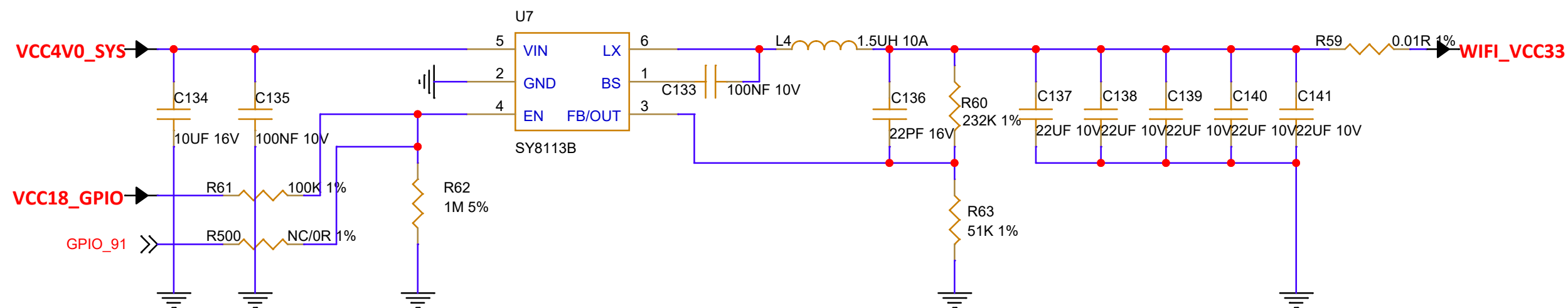
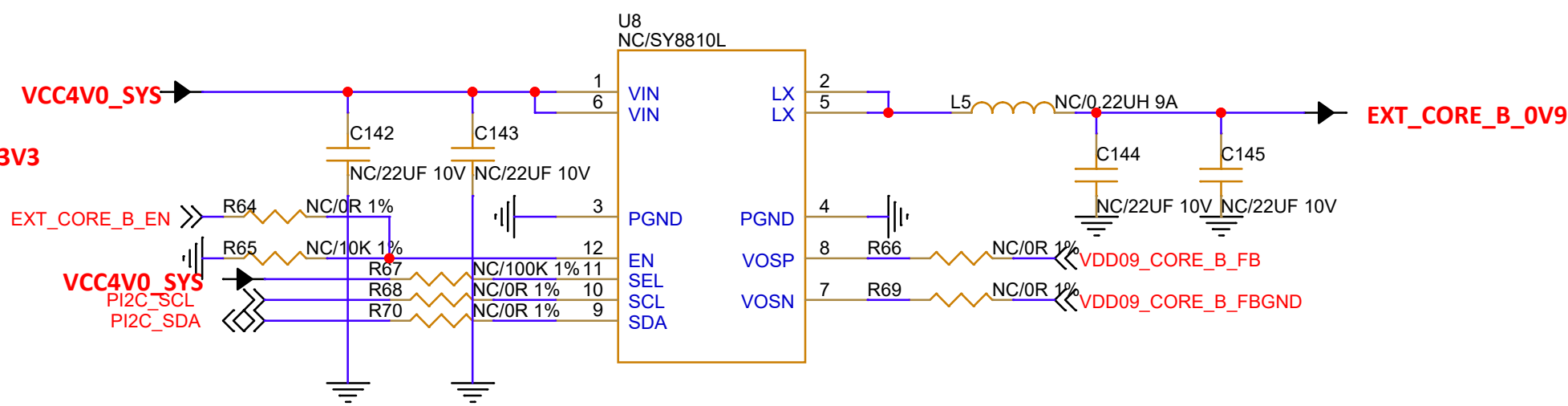
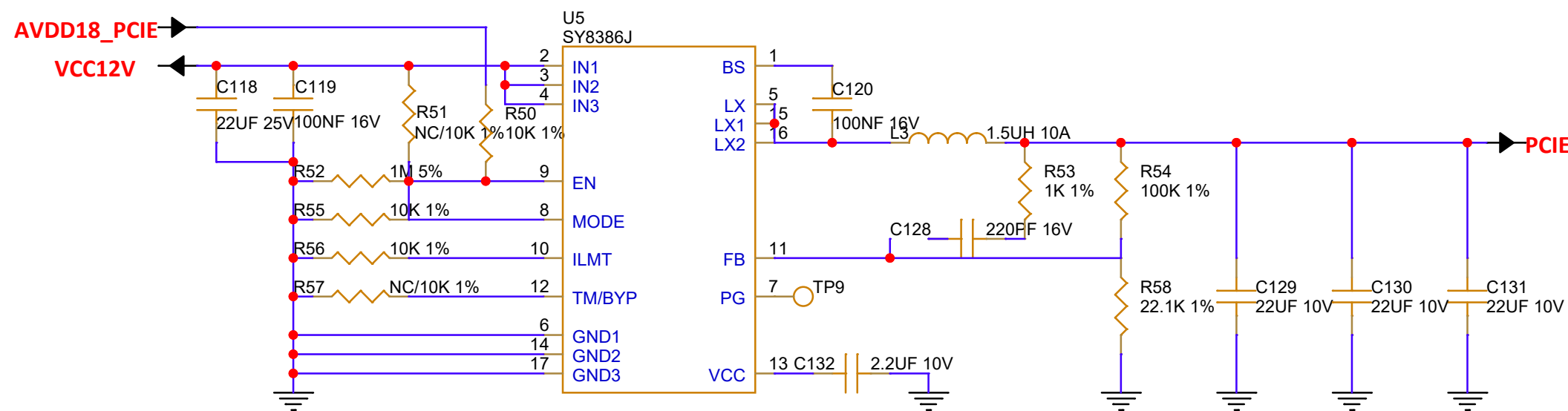
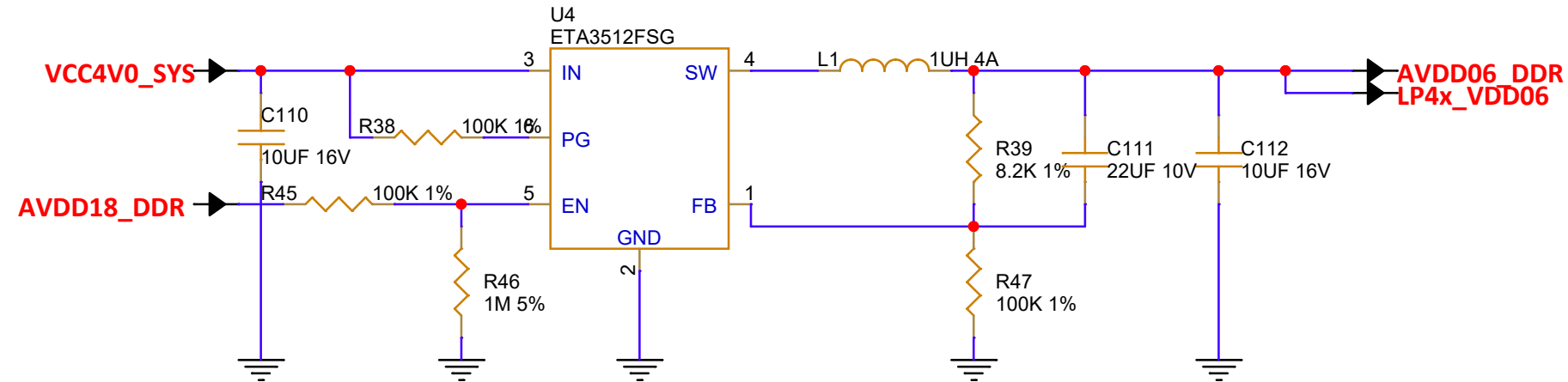
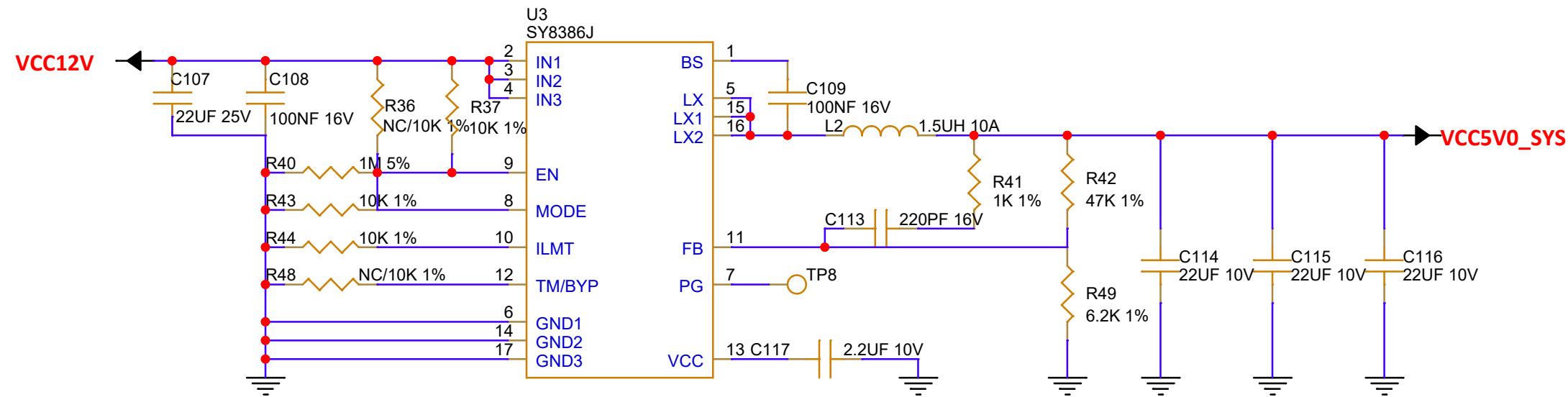
U1I



K1 6370



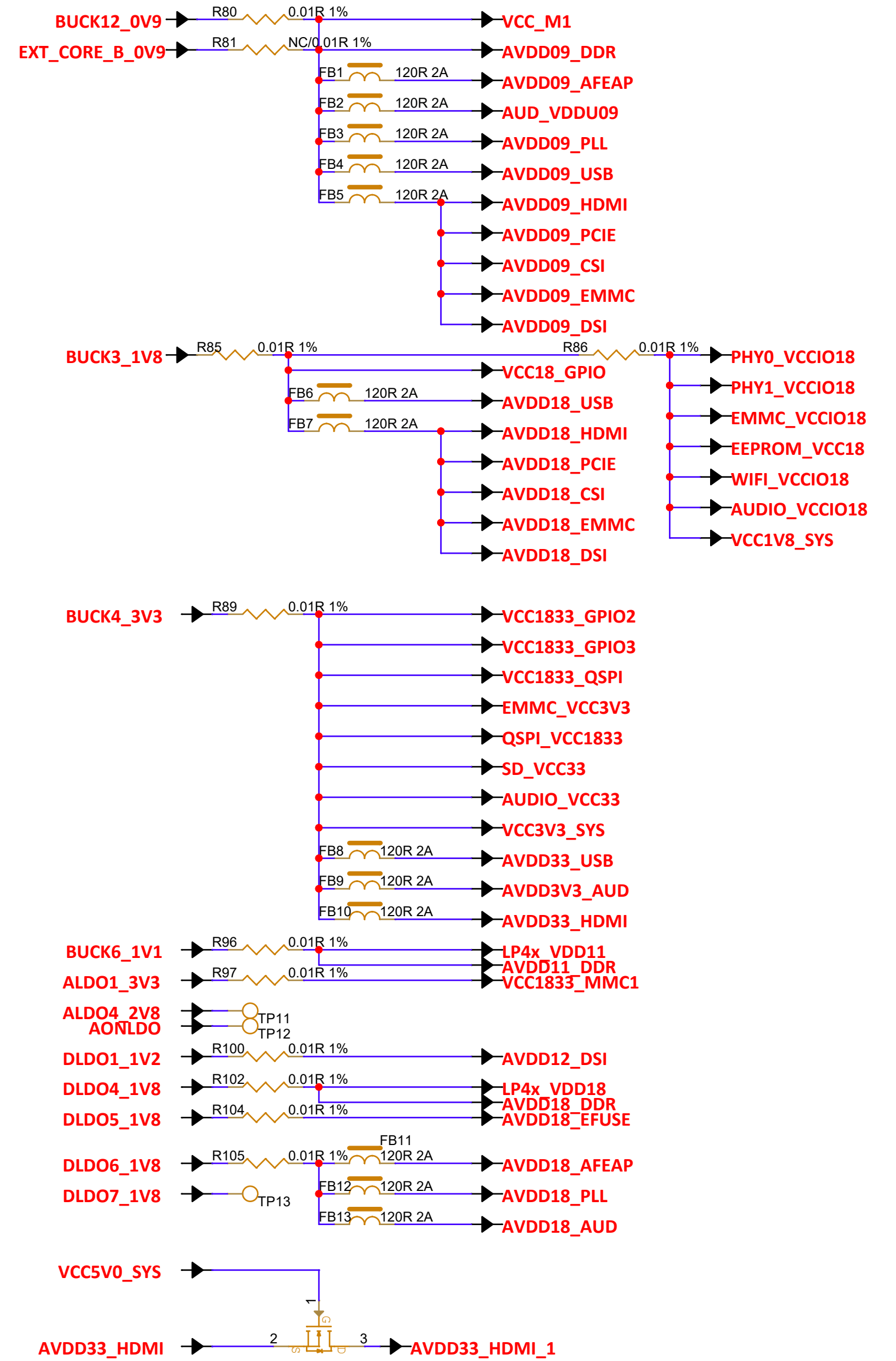
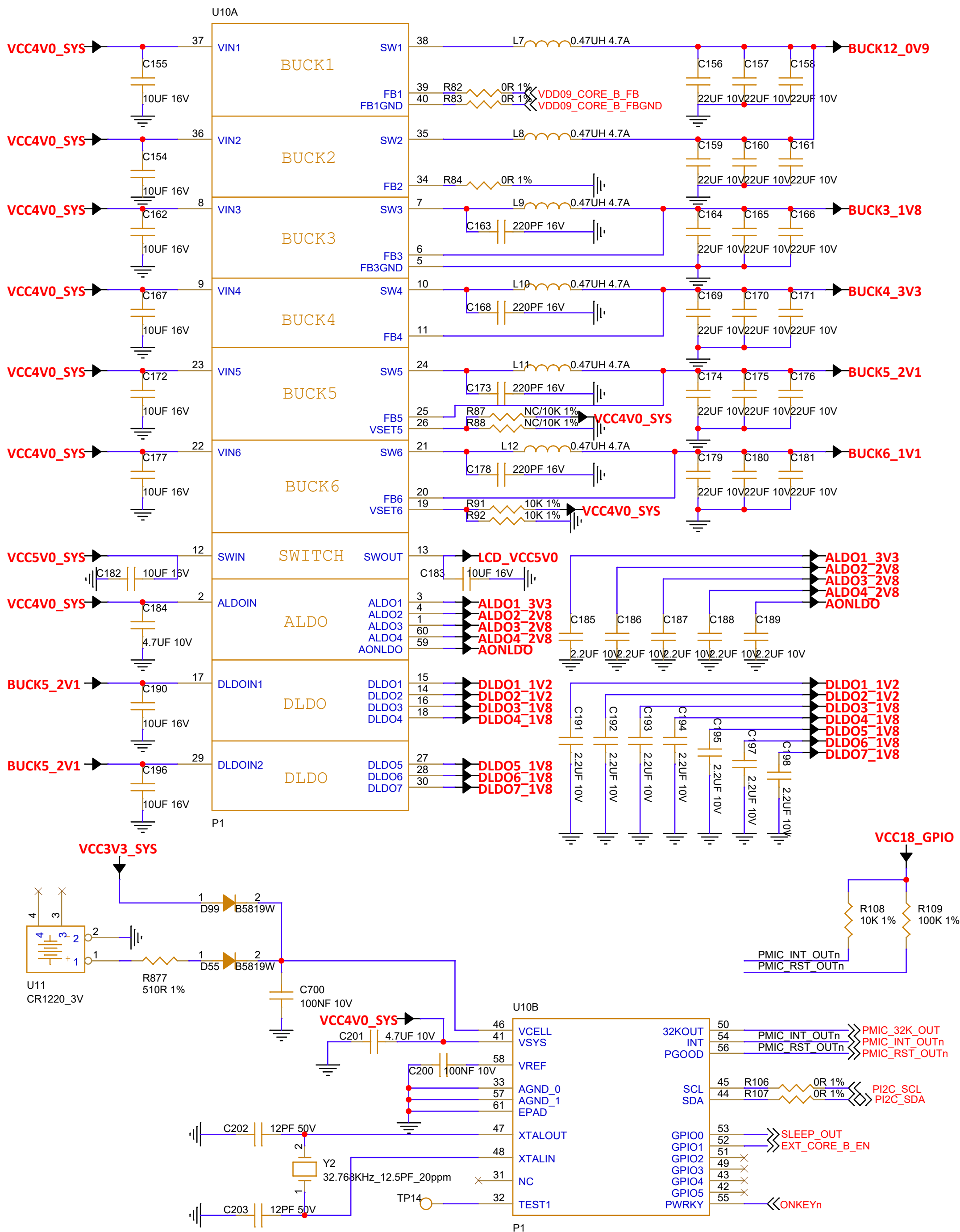
Project: Milk-V Jupiter V1.0				
File: 12 CPU-SYS-GPIO				
Date:	Wednesday, July 24, 2024	Rev:	1.0	
Designed by:	<designer>	Sheet:	7 of 25	



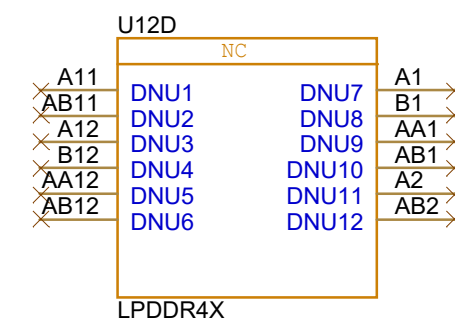
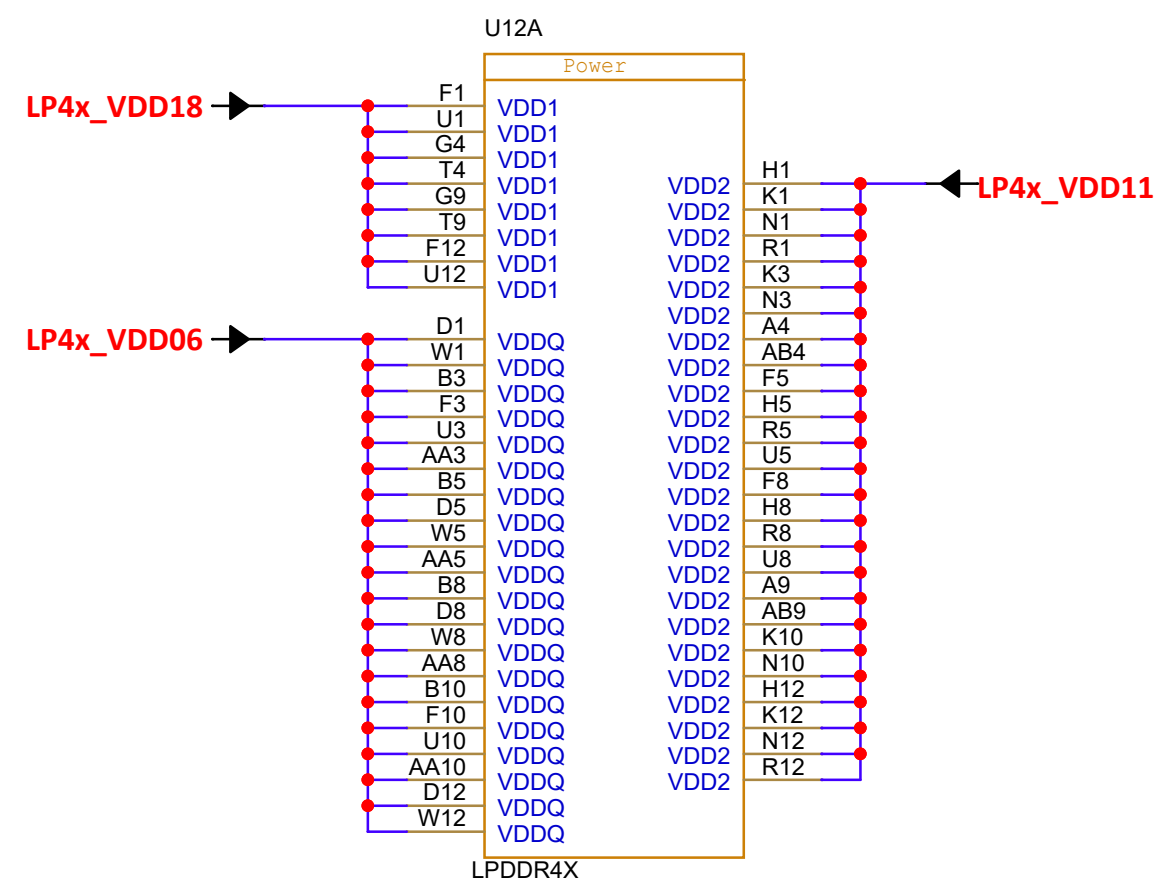
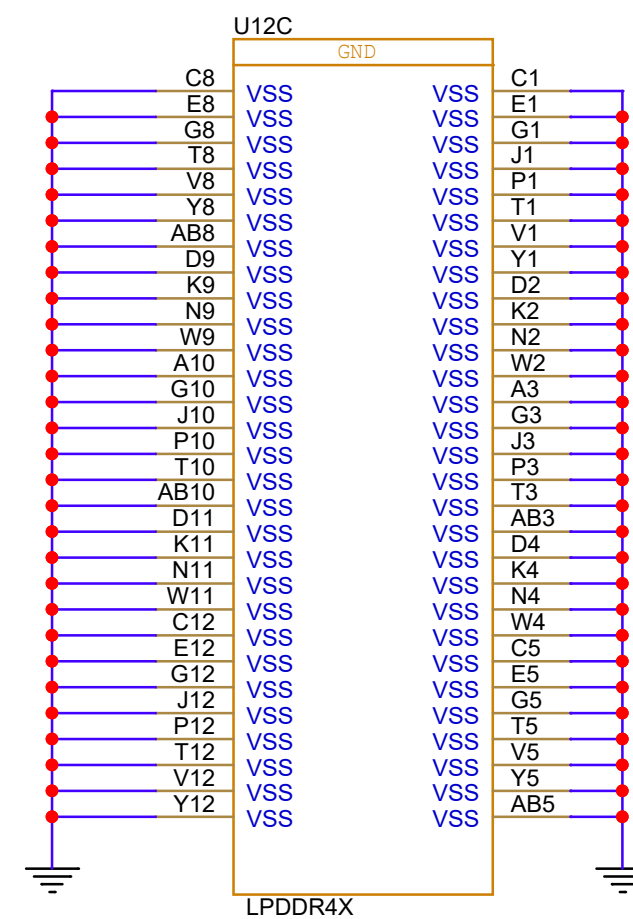
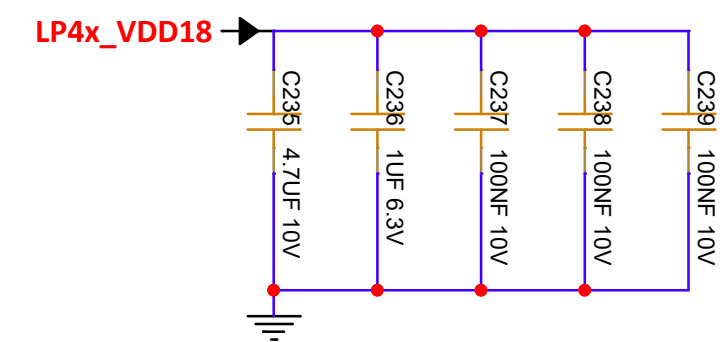
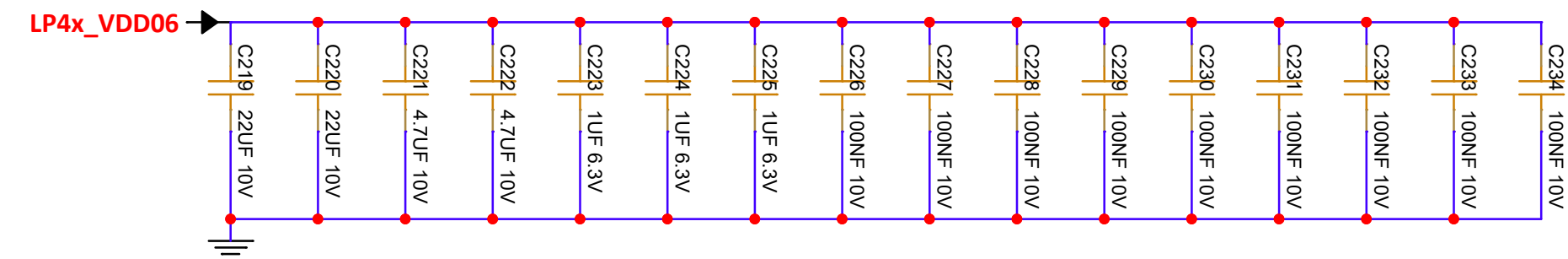
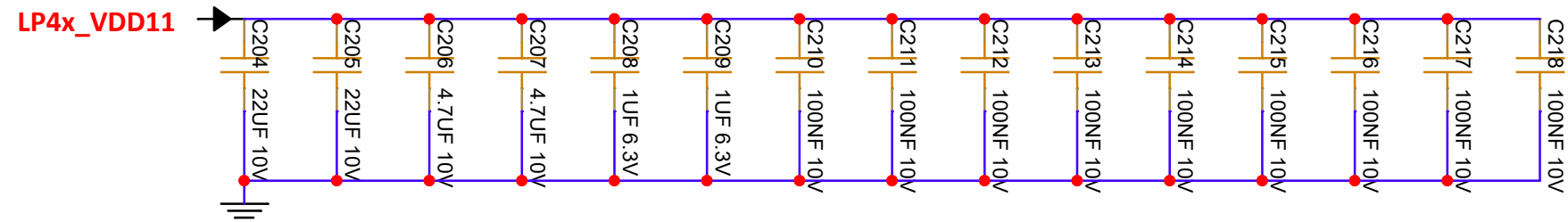
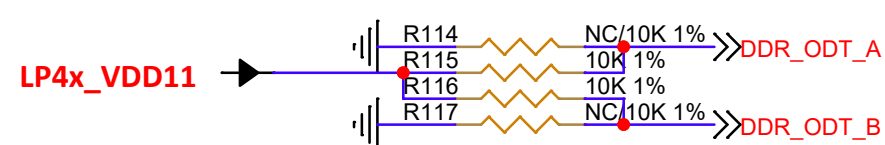
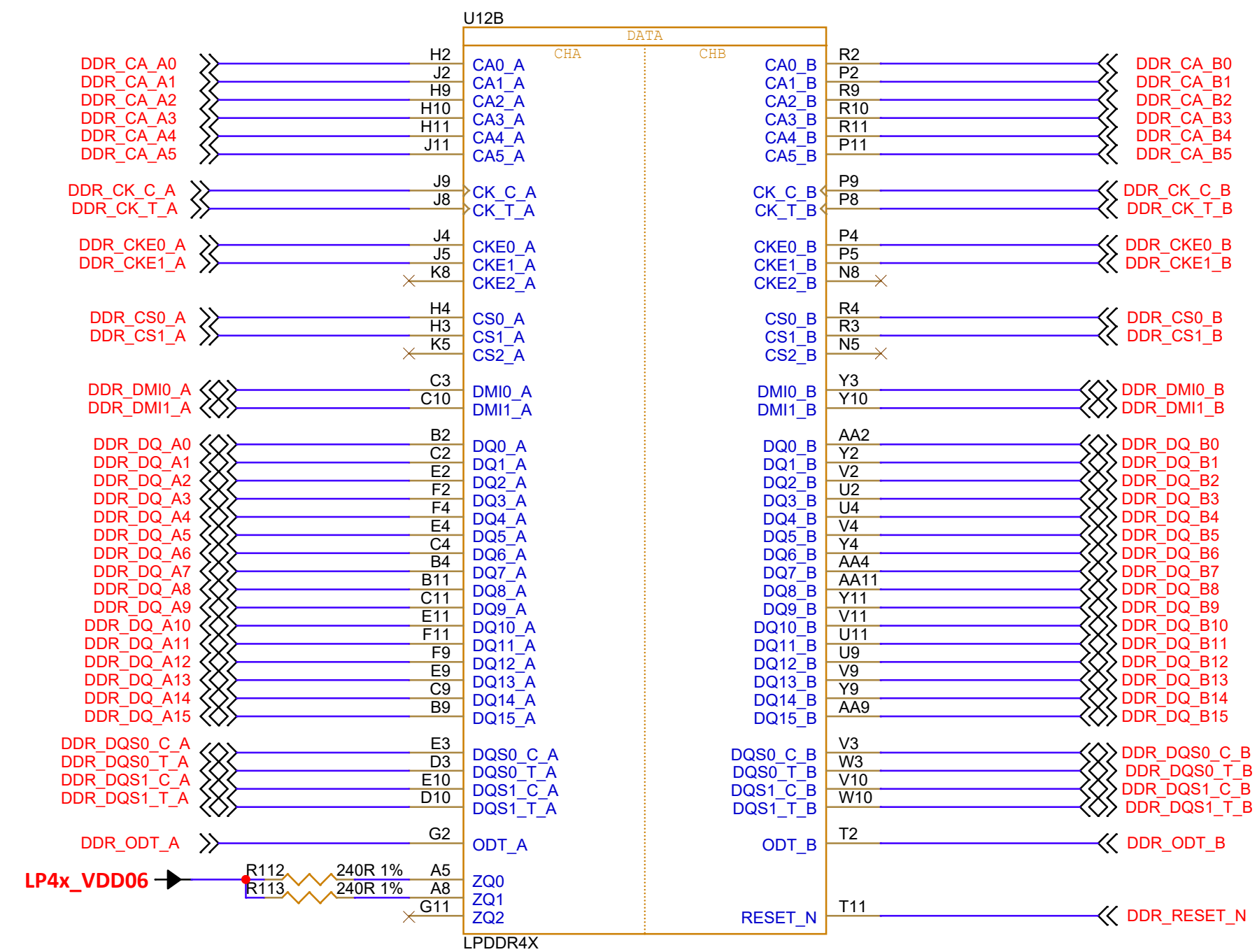
milkv

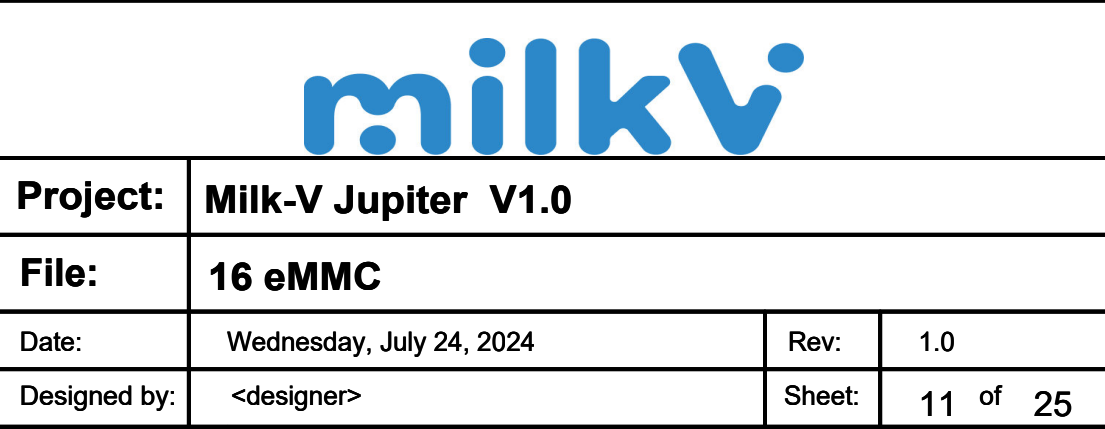
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File:	13 POWER- DCDC			
Date:	Wednesday, July 24, 2024	Rev:	1.0	
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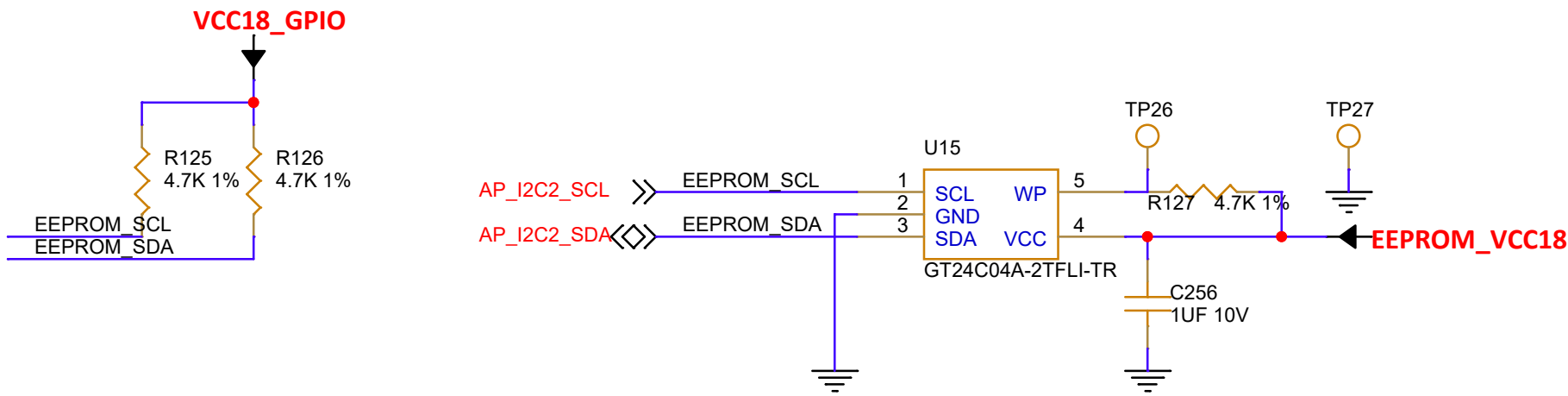


Project:	Milk-V Jupiter V1.0		
File:	14 POWER-PMIC		
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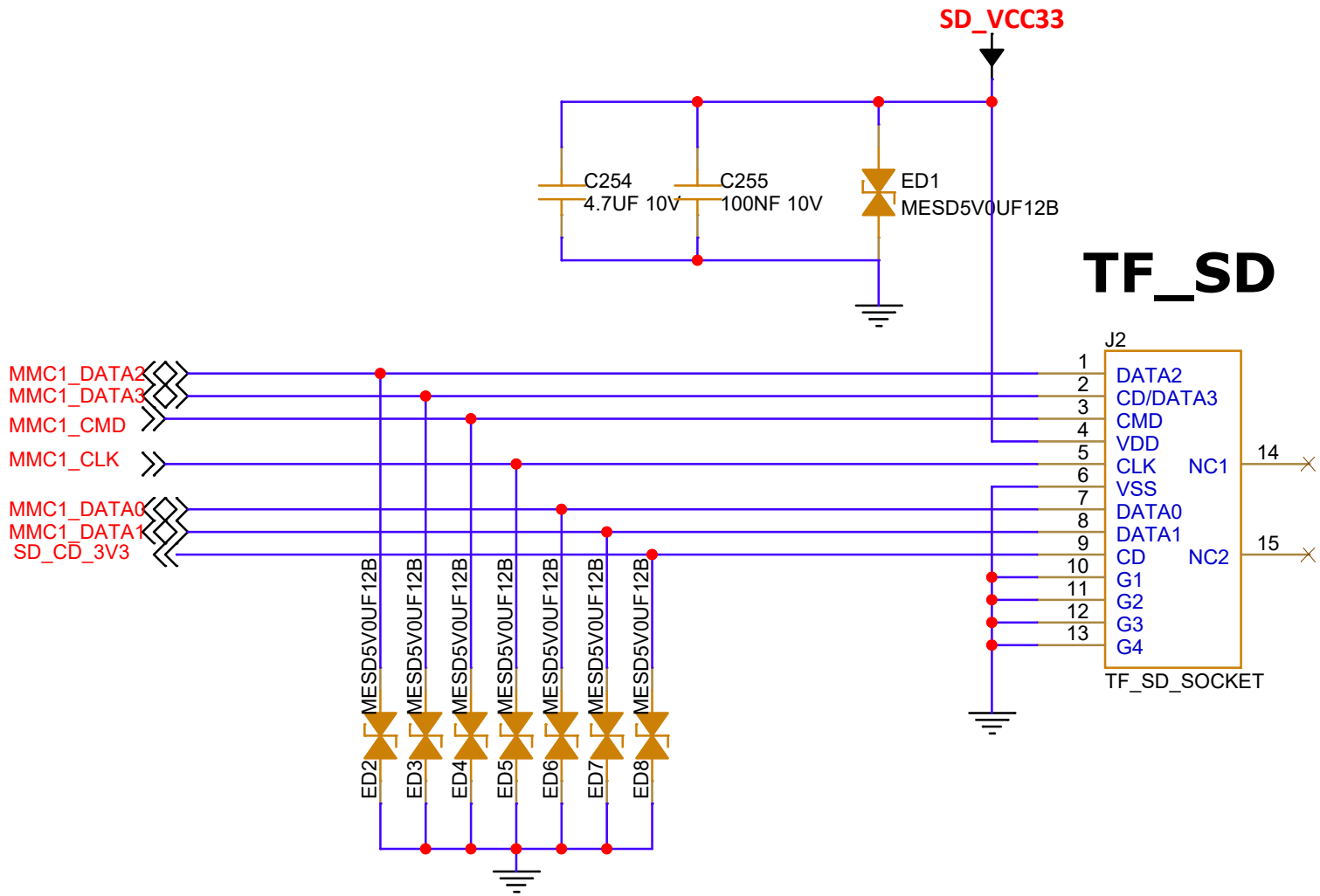




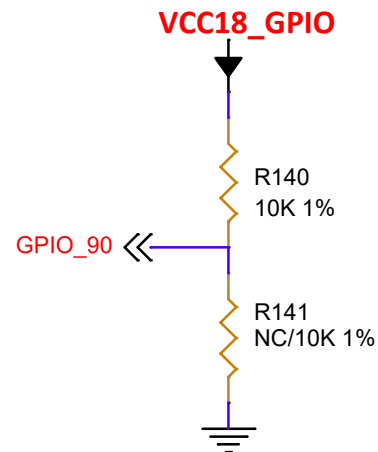
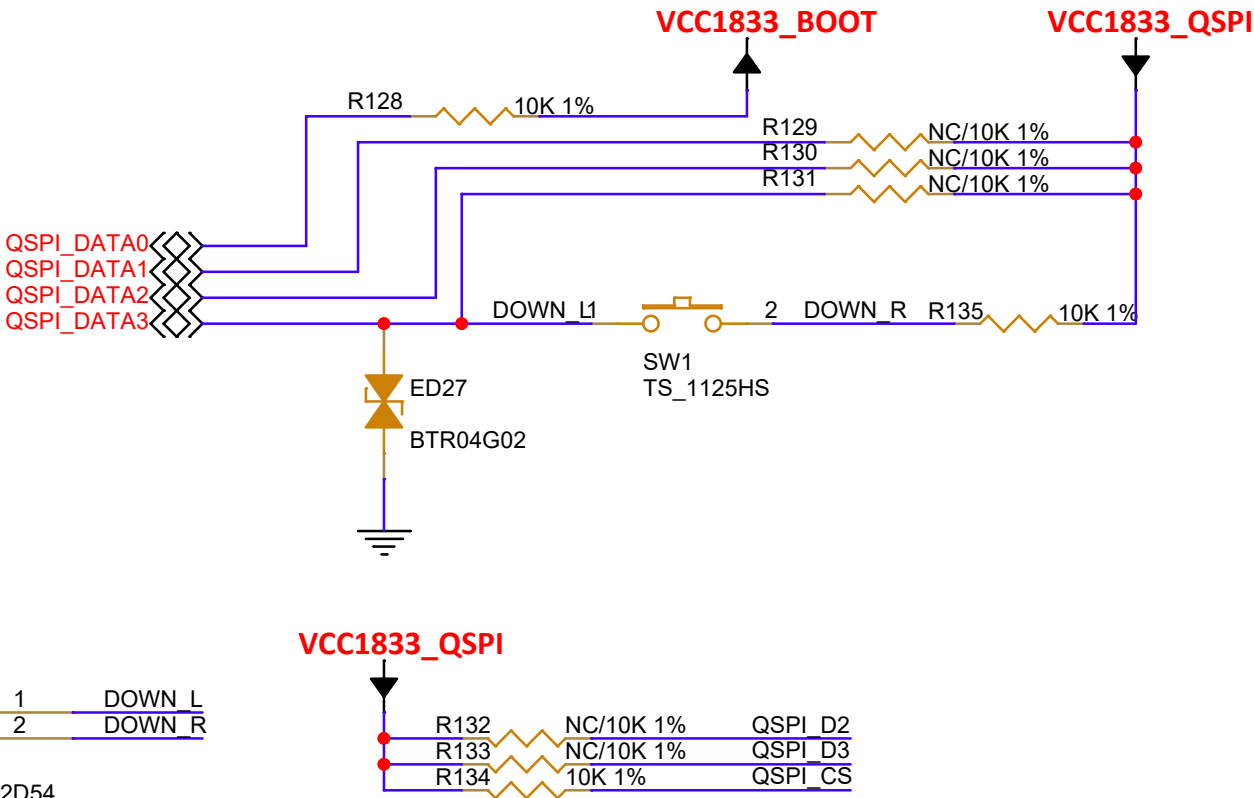
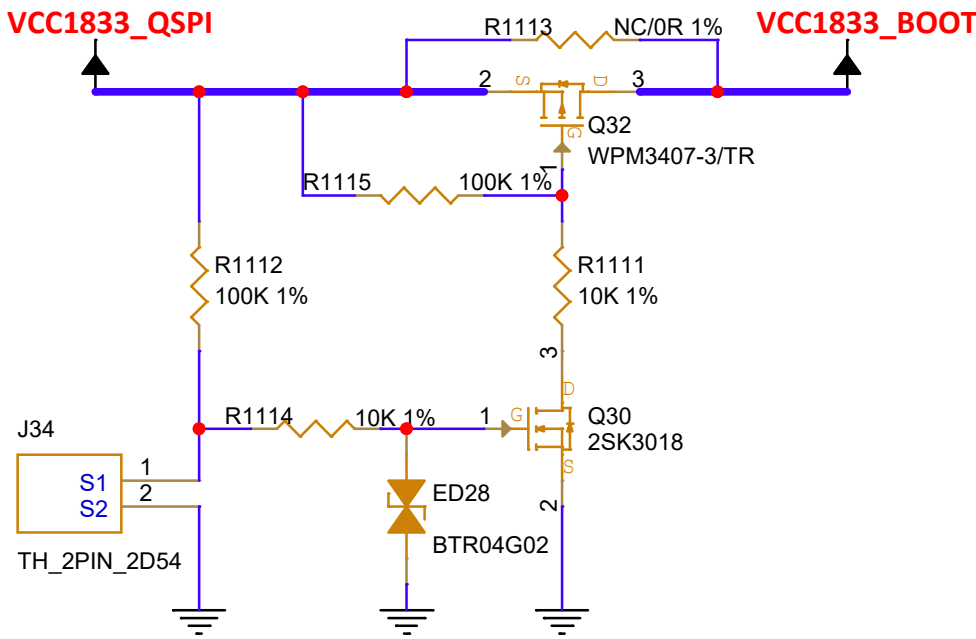
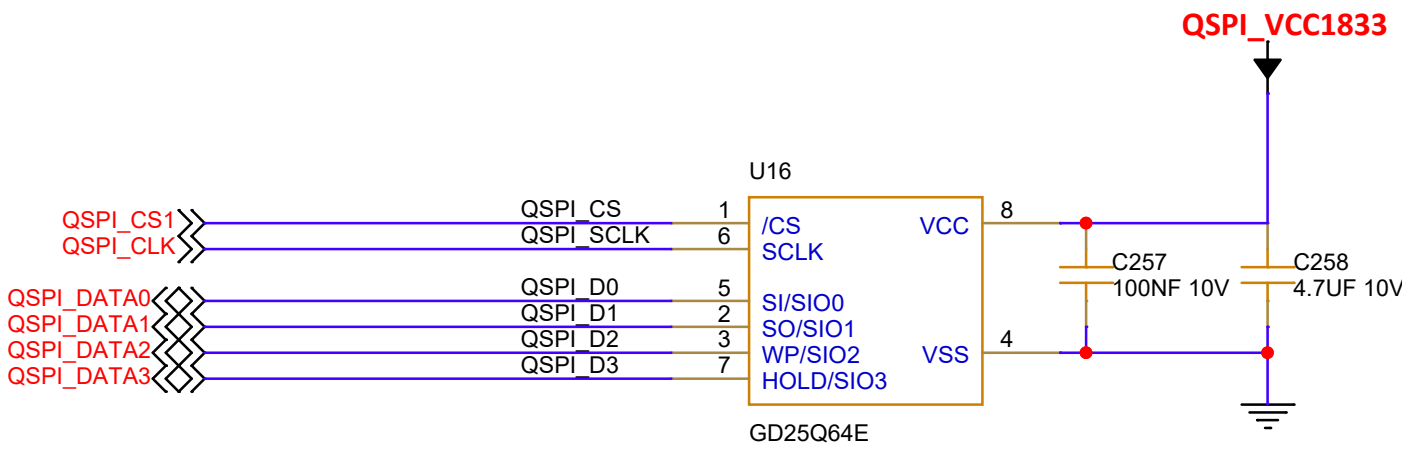
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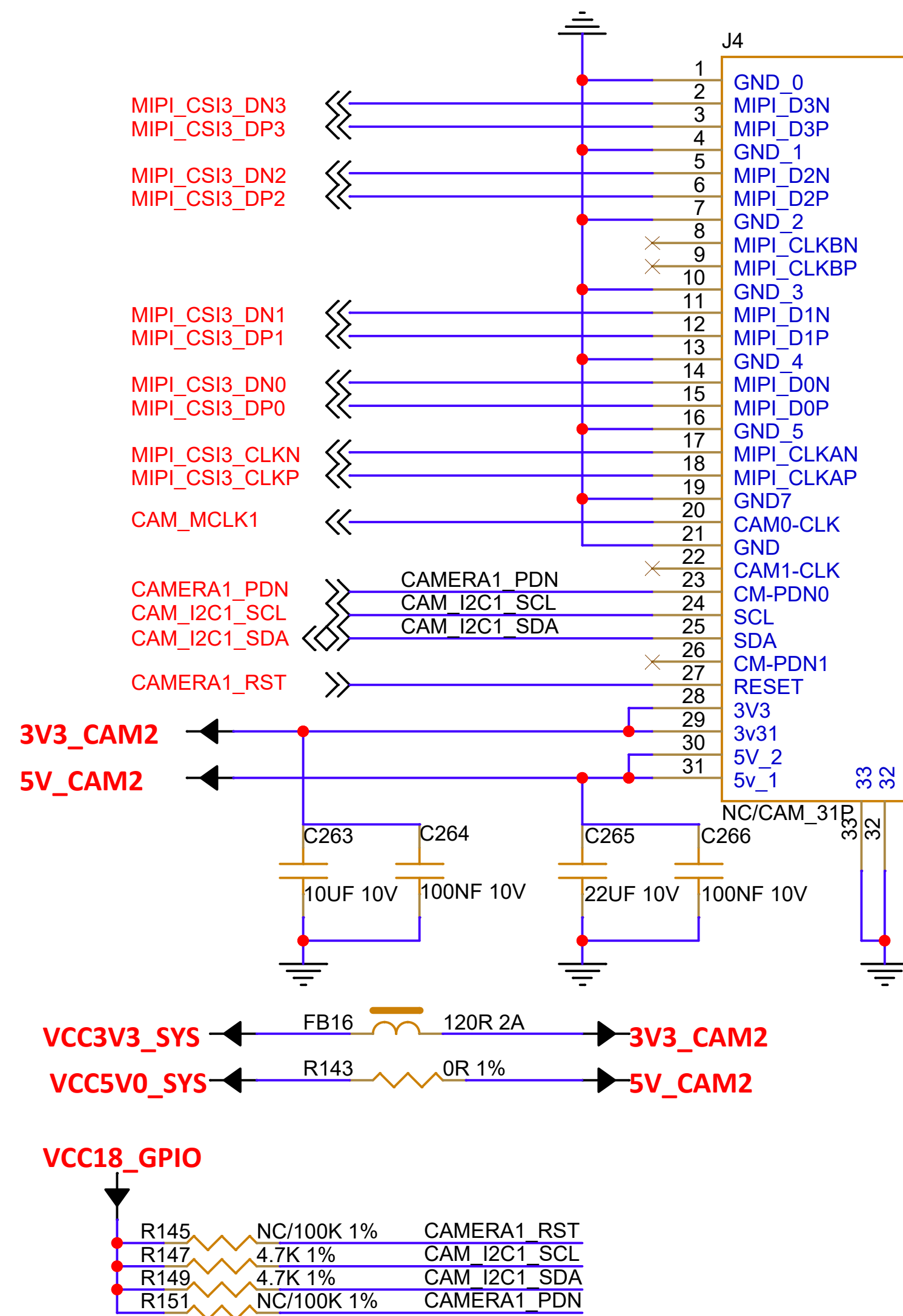
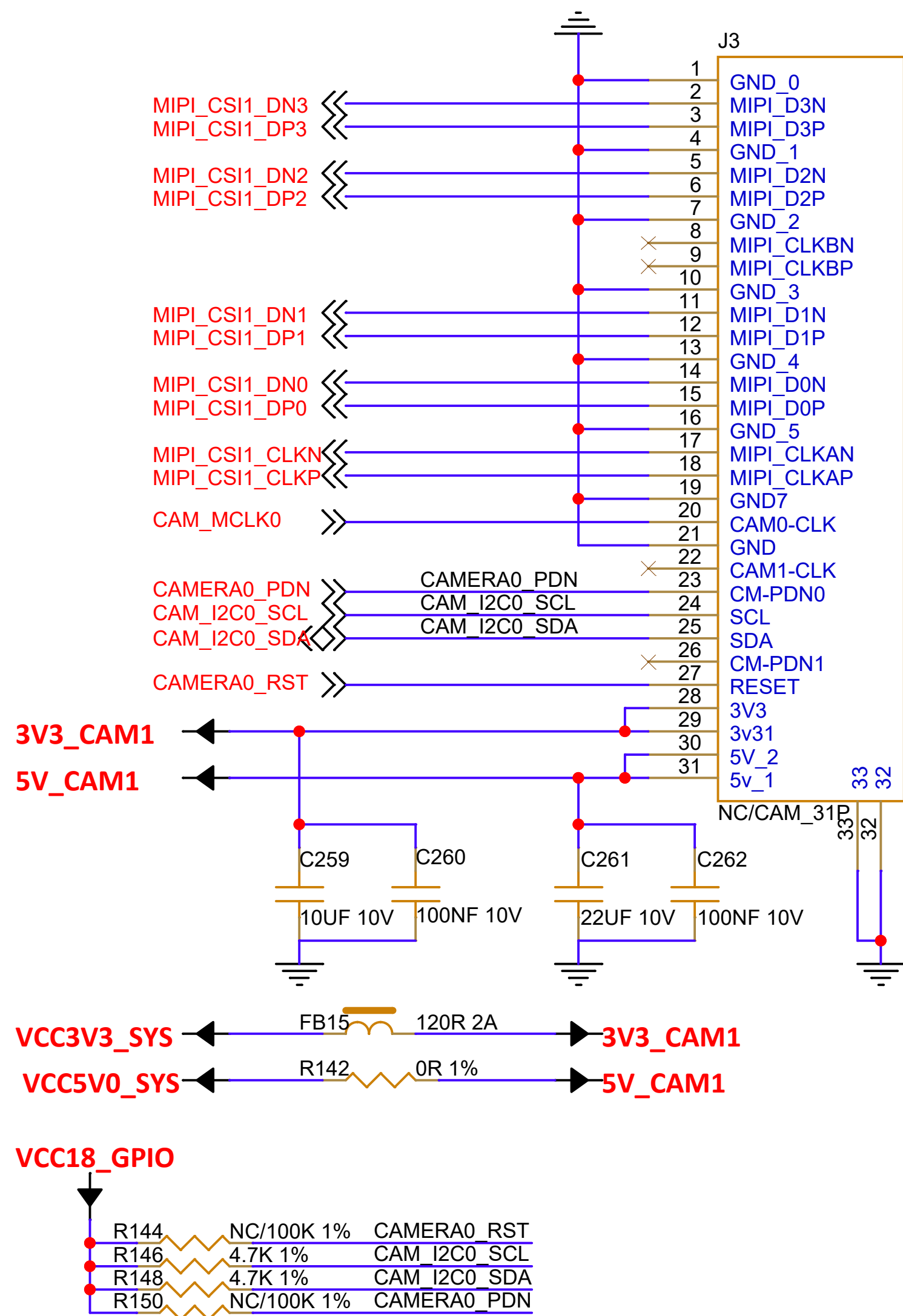
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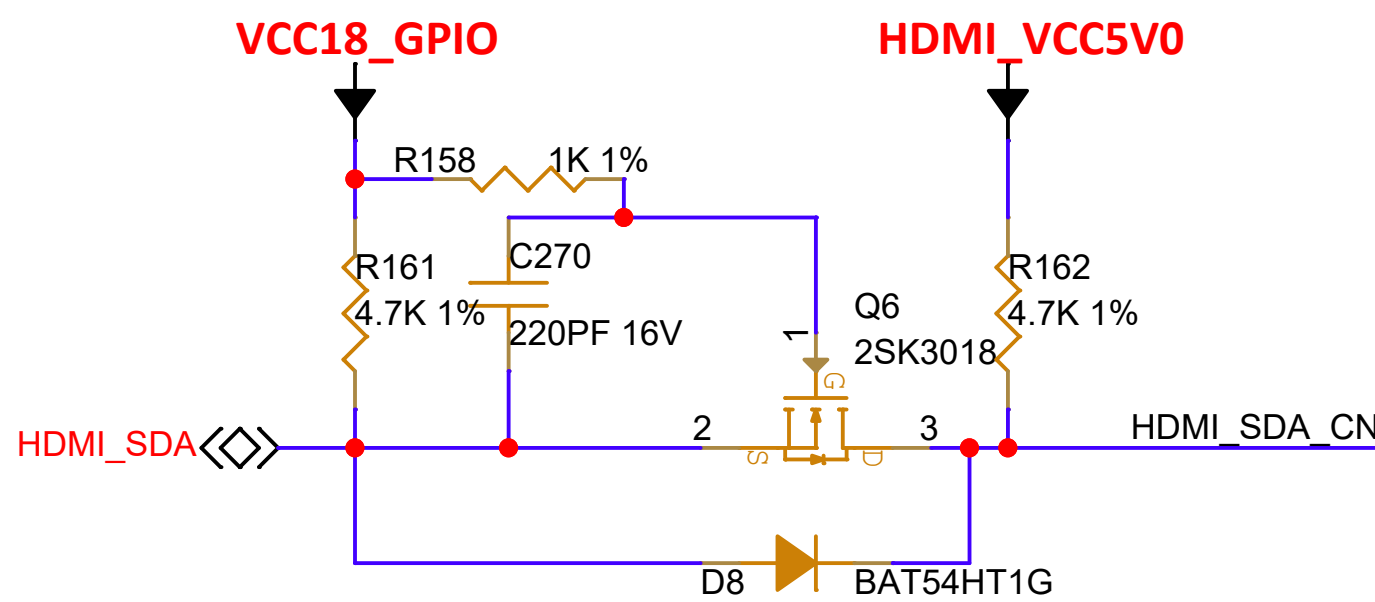
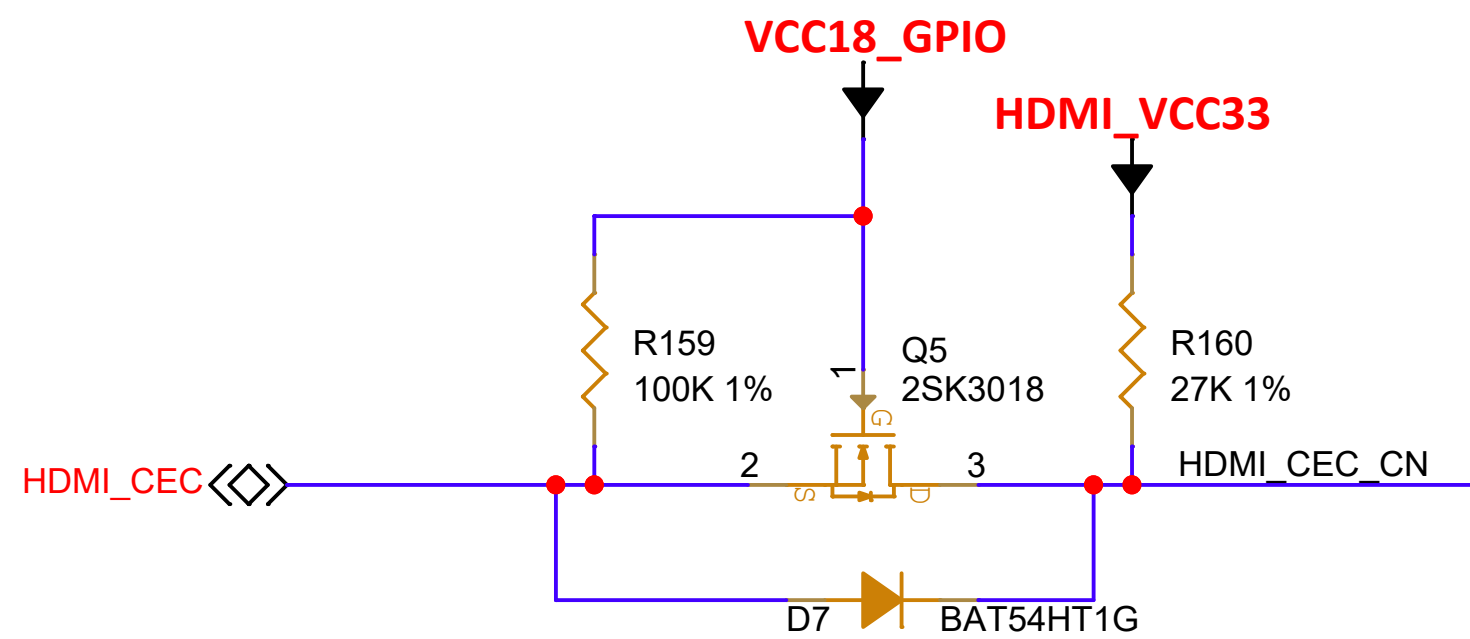
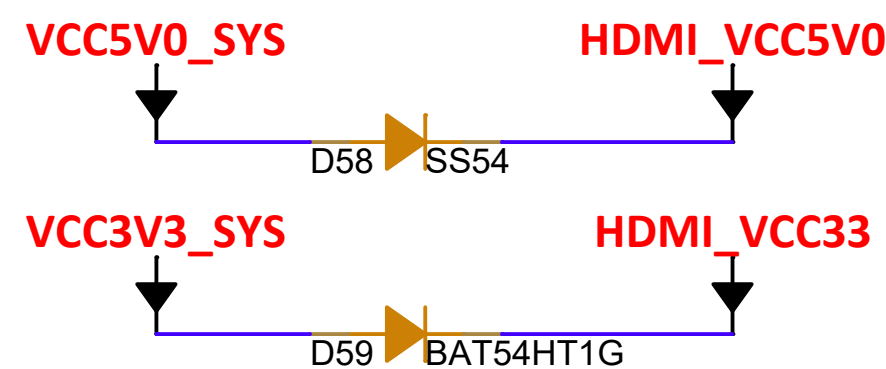
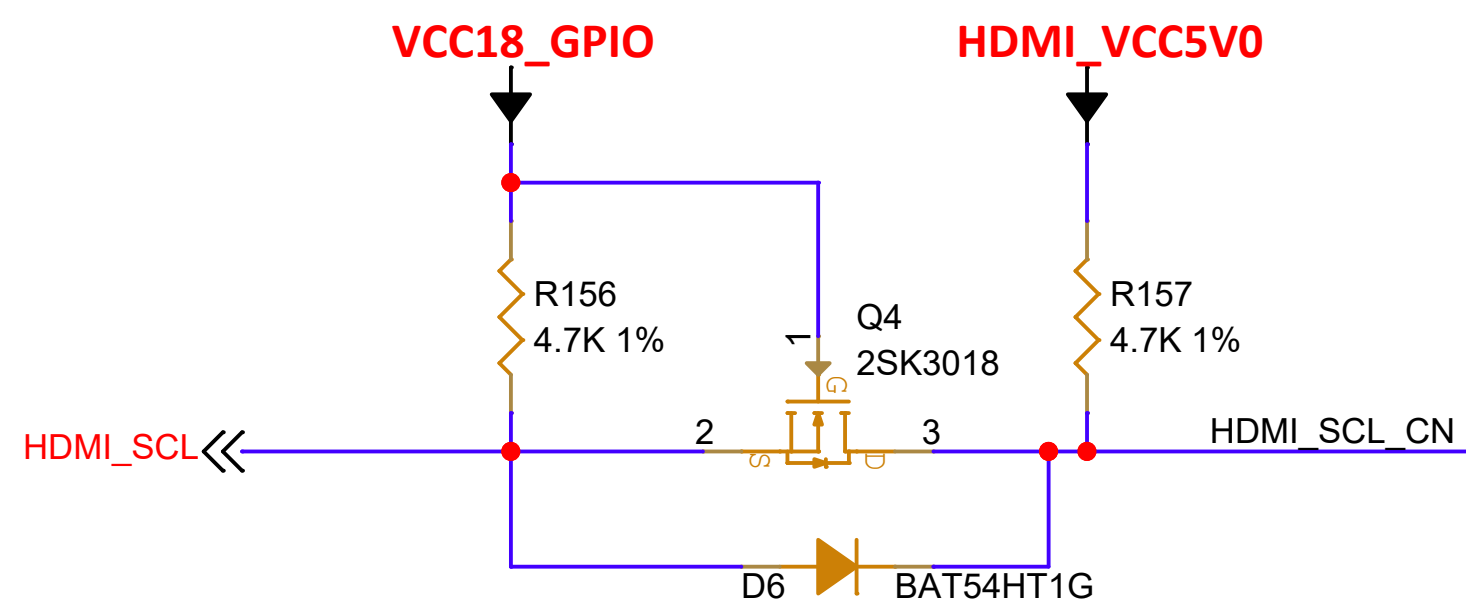
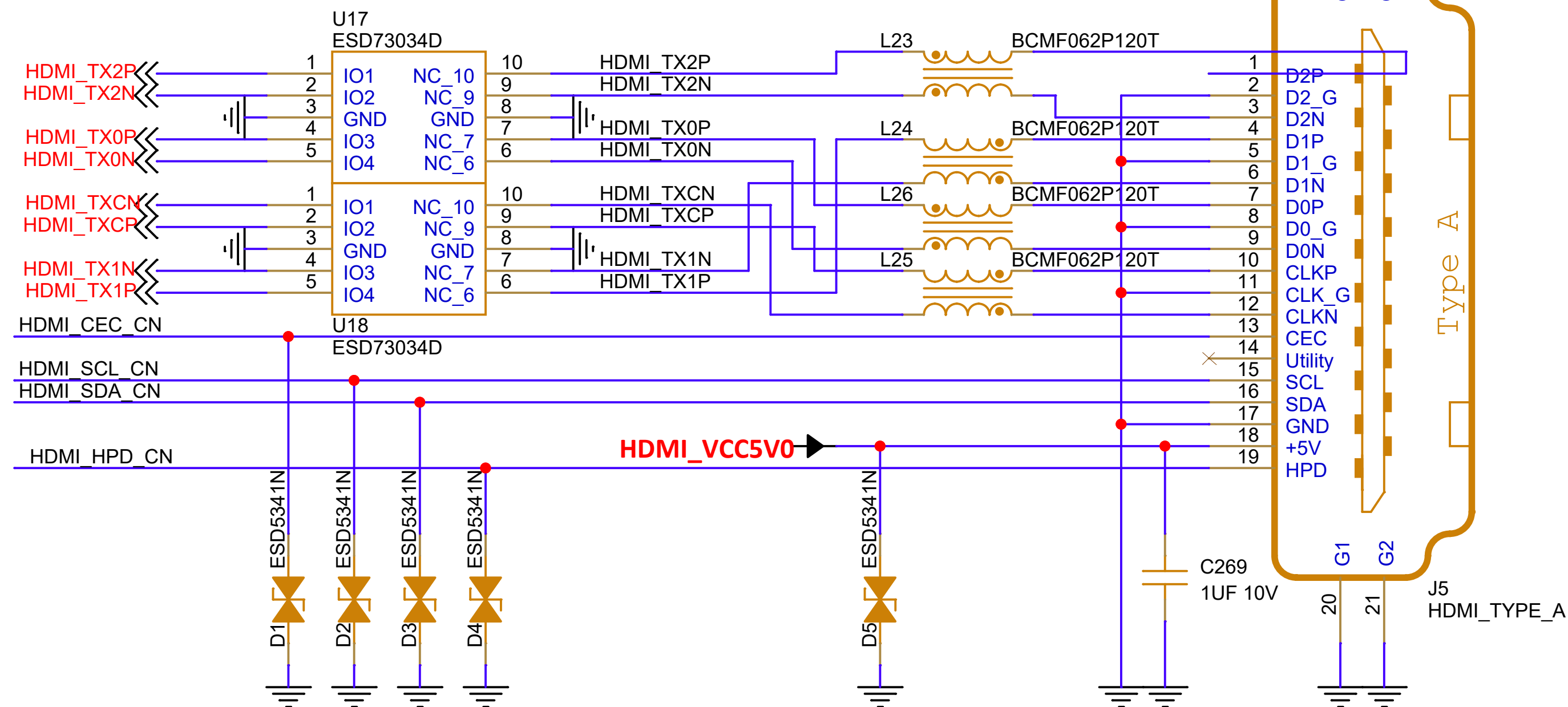
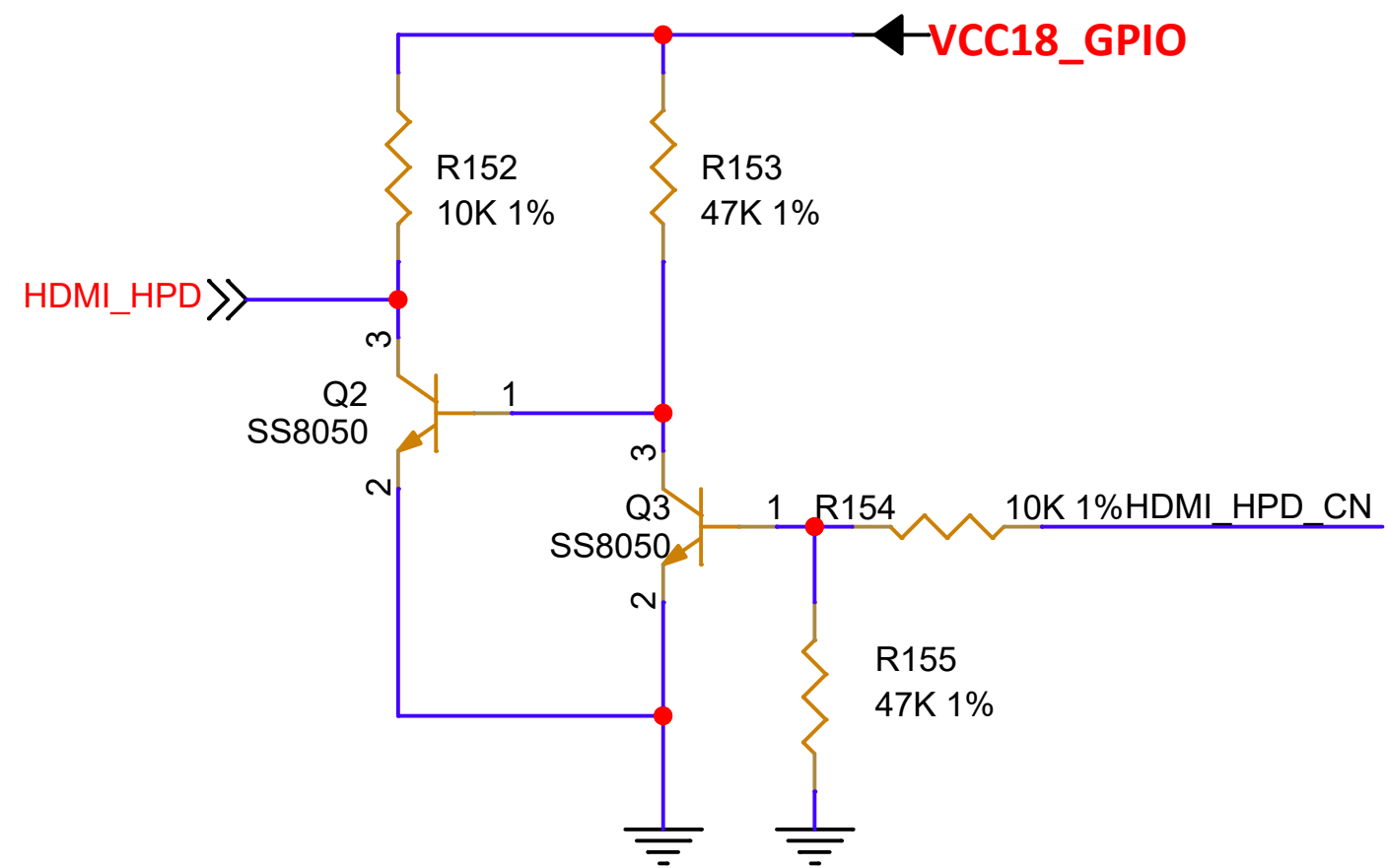



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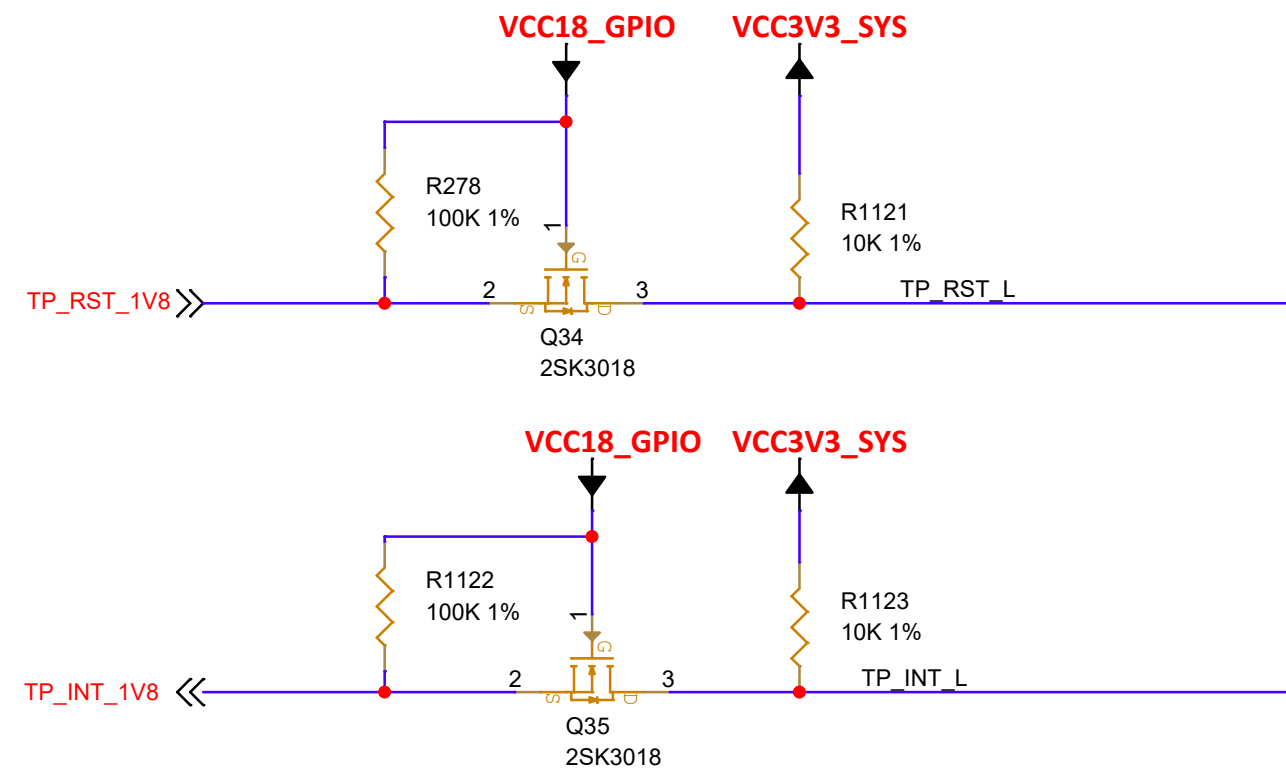
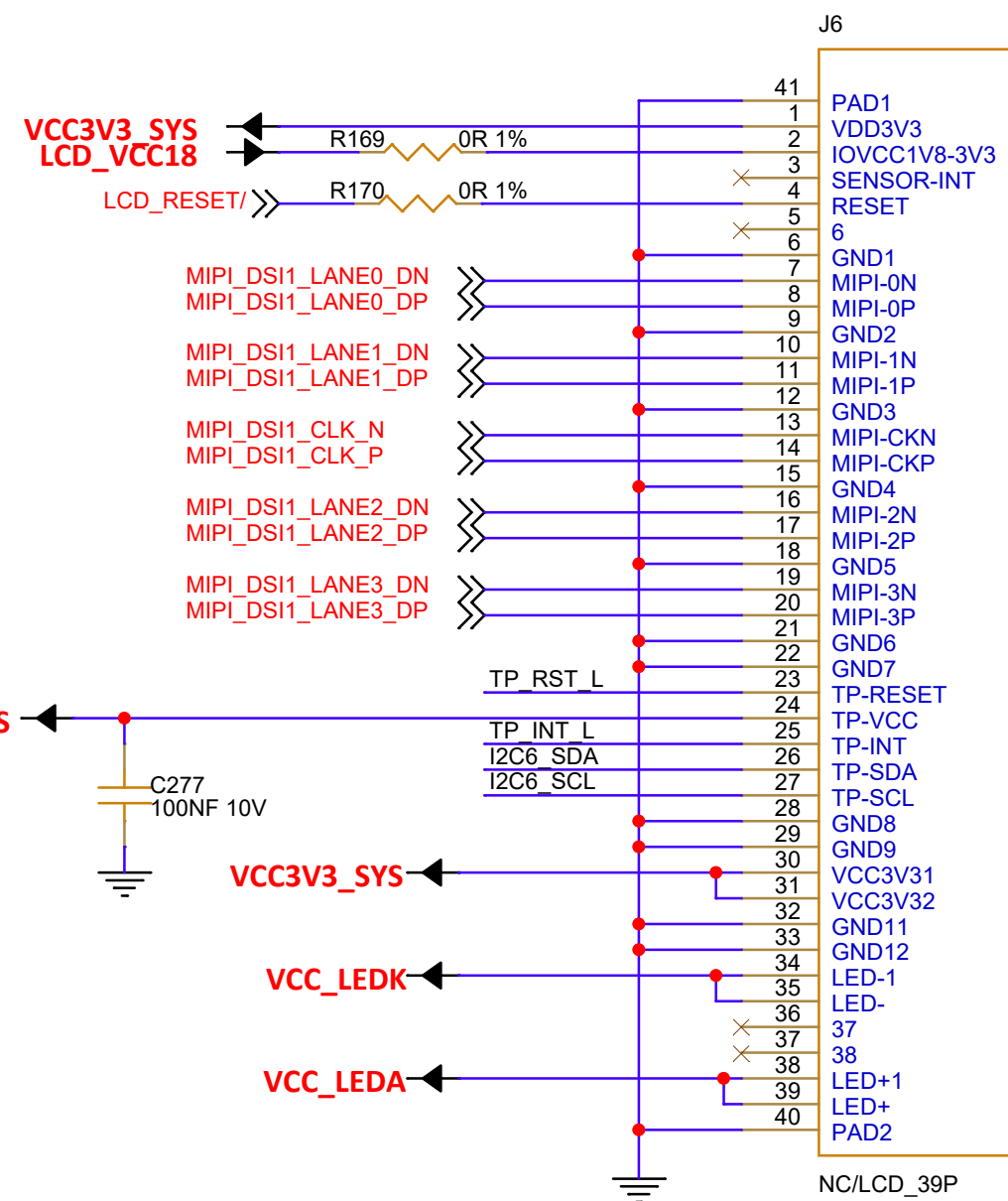
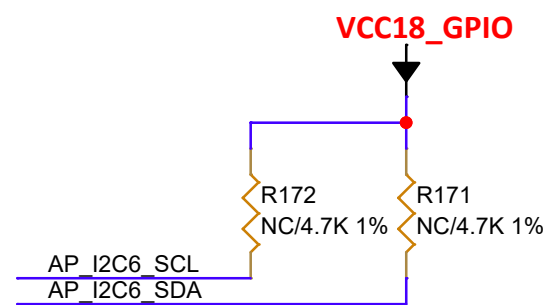
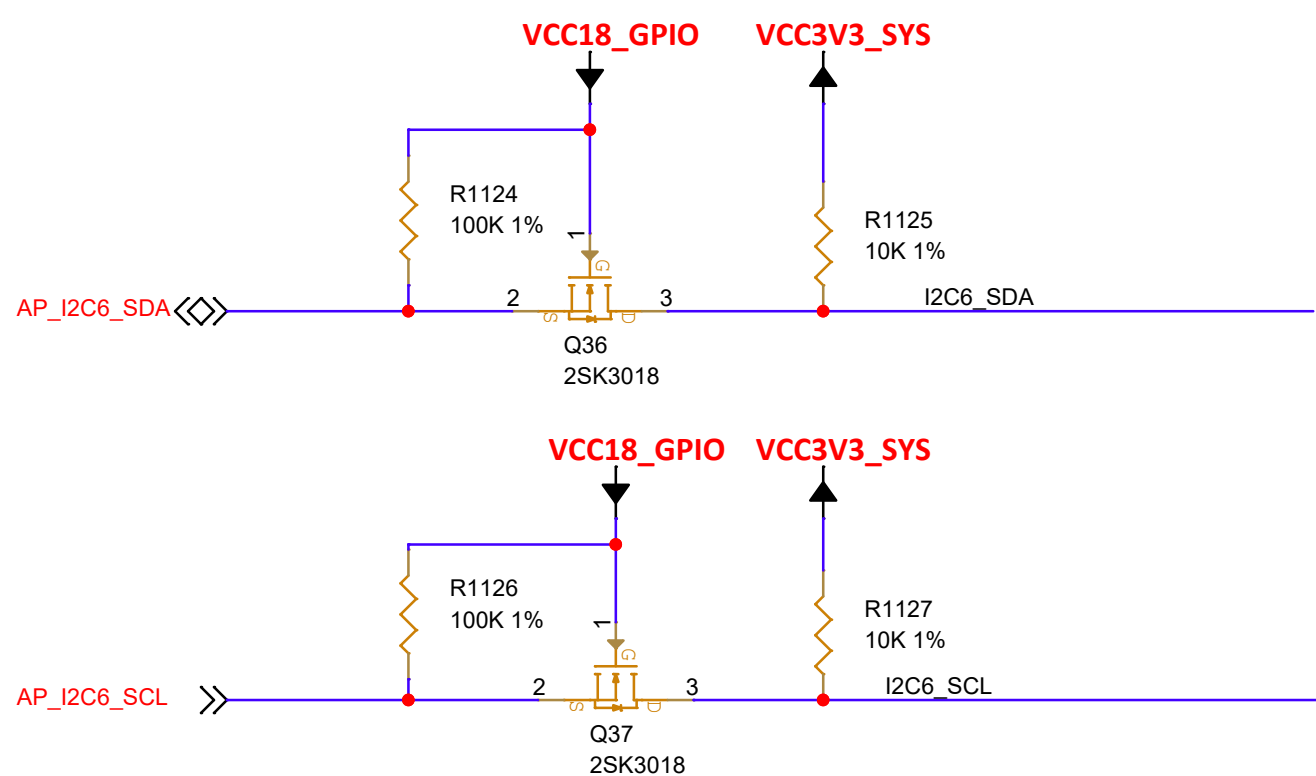
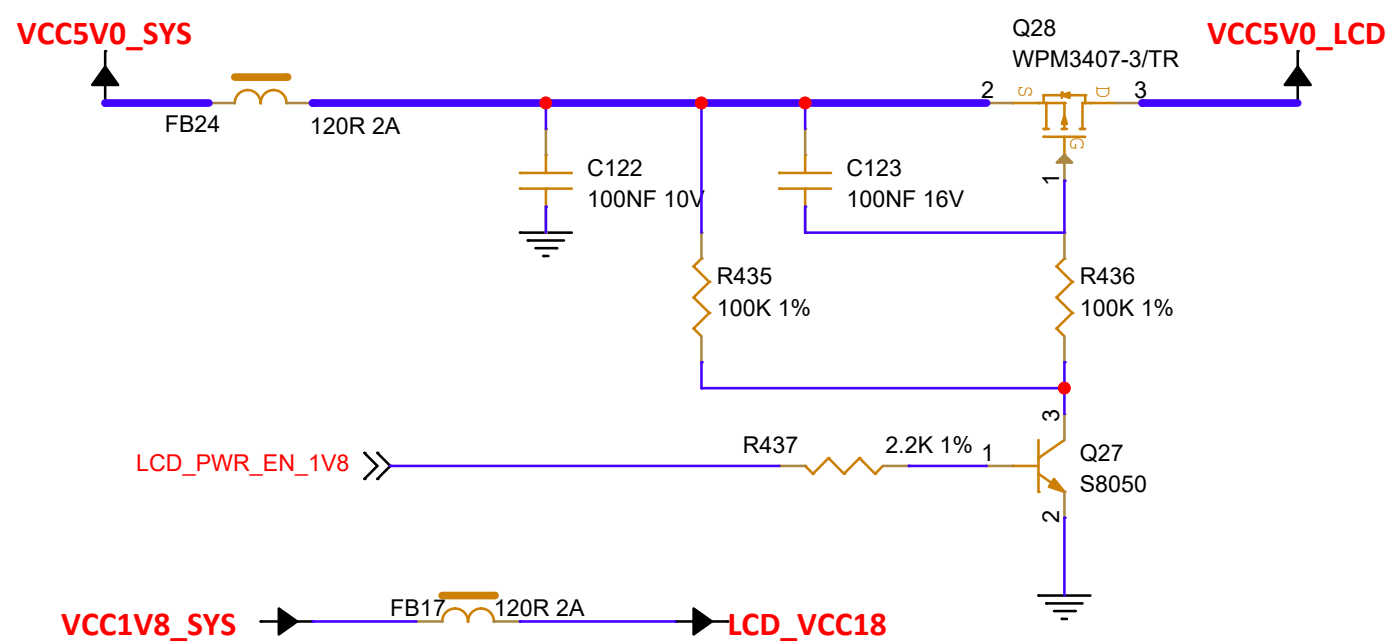
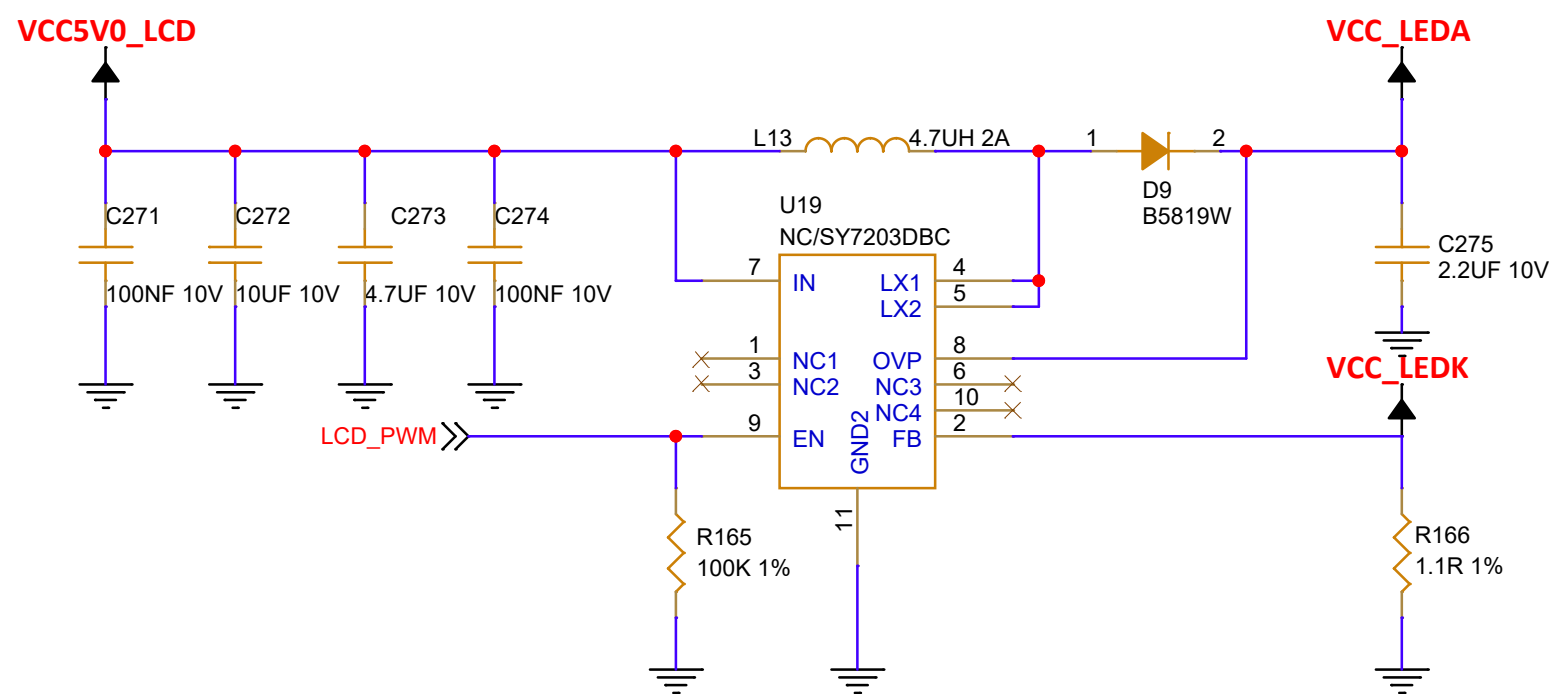




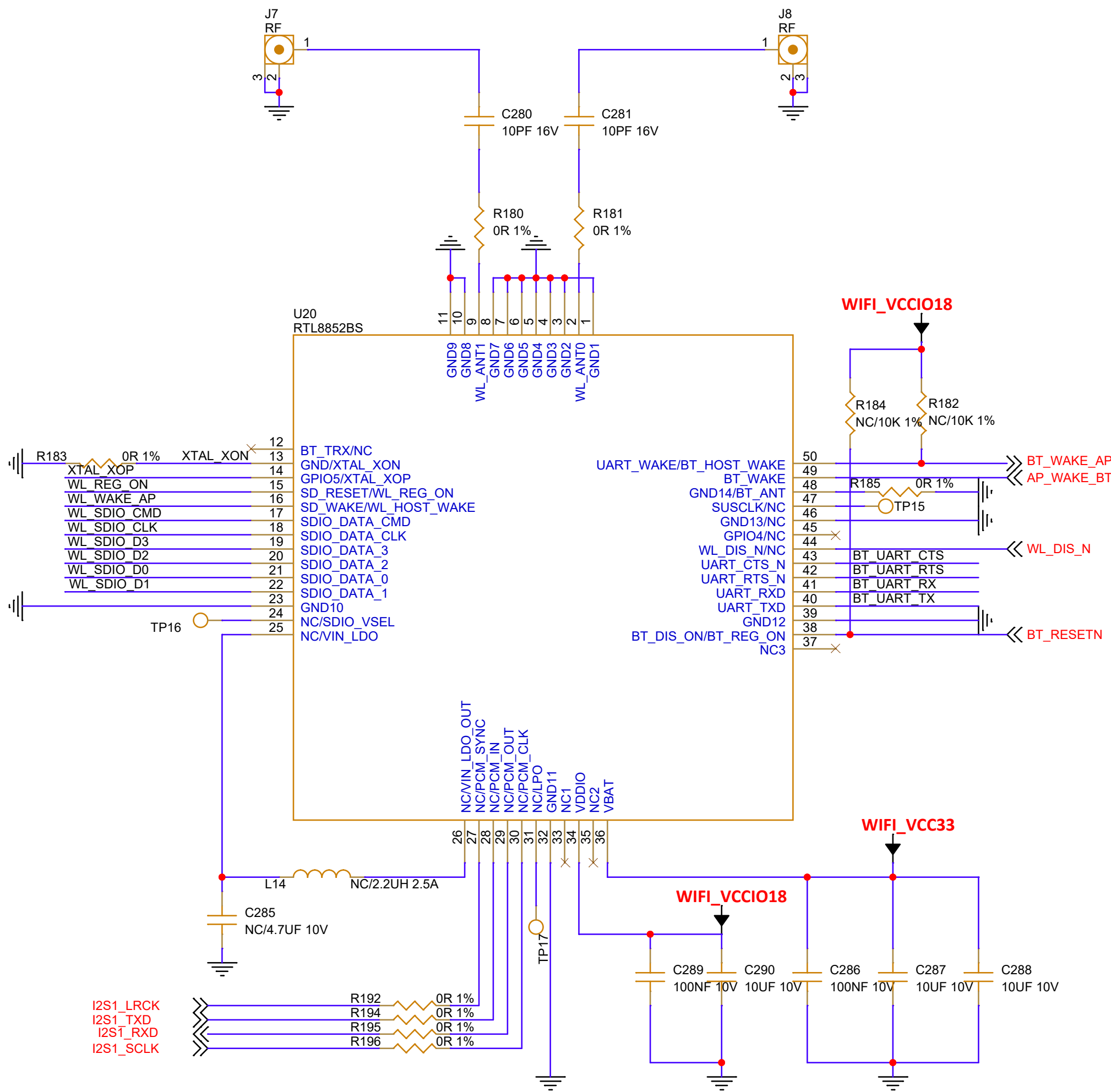
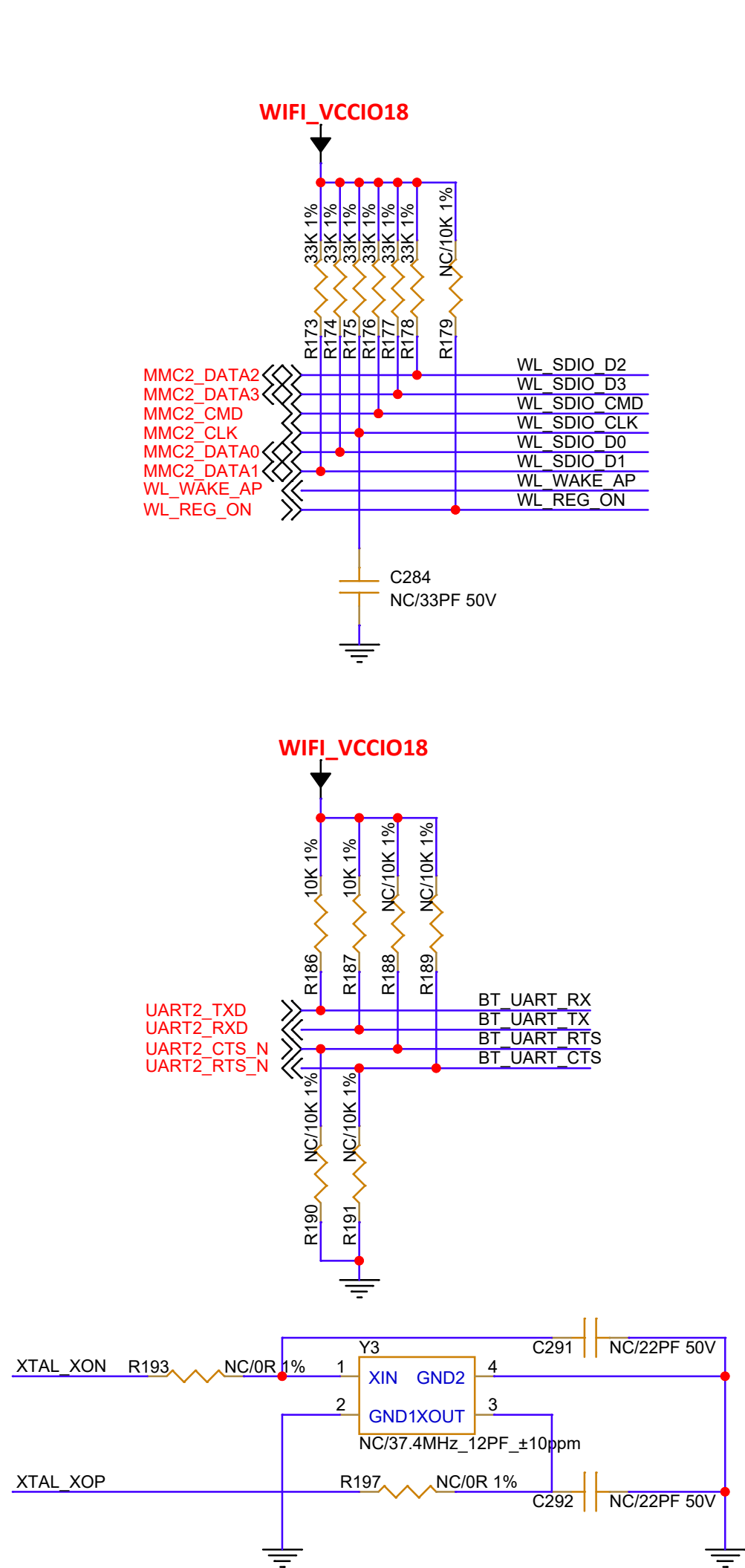




			
Project:	Milk-V Jupiter V1.0		
File:	19 HDMI		
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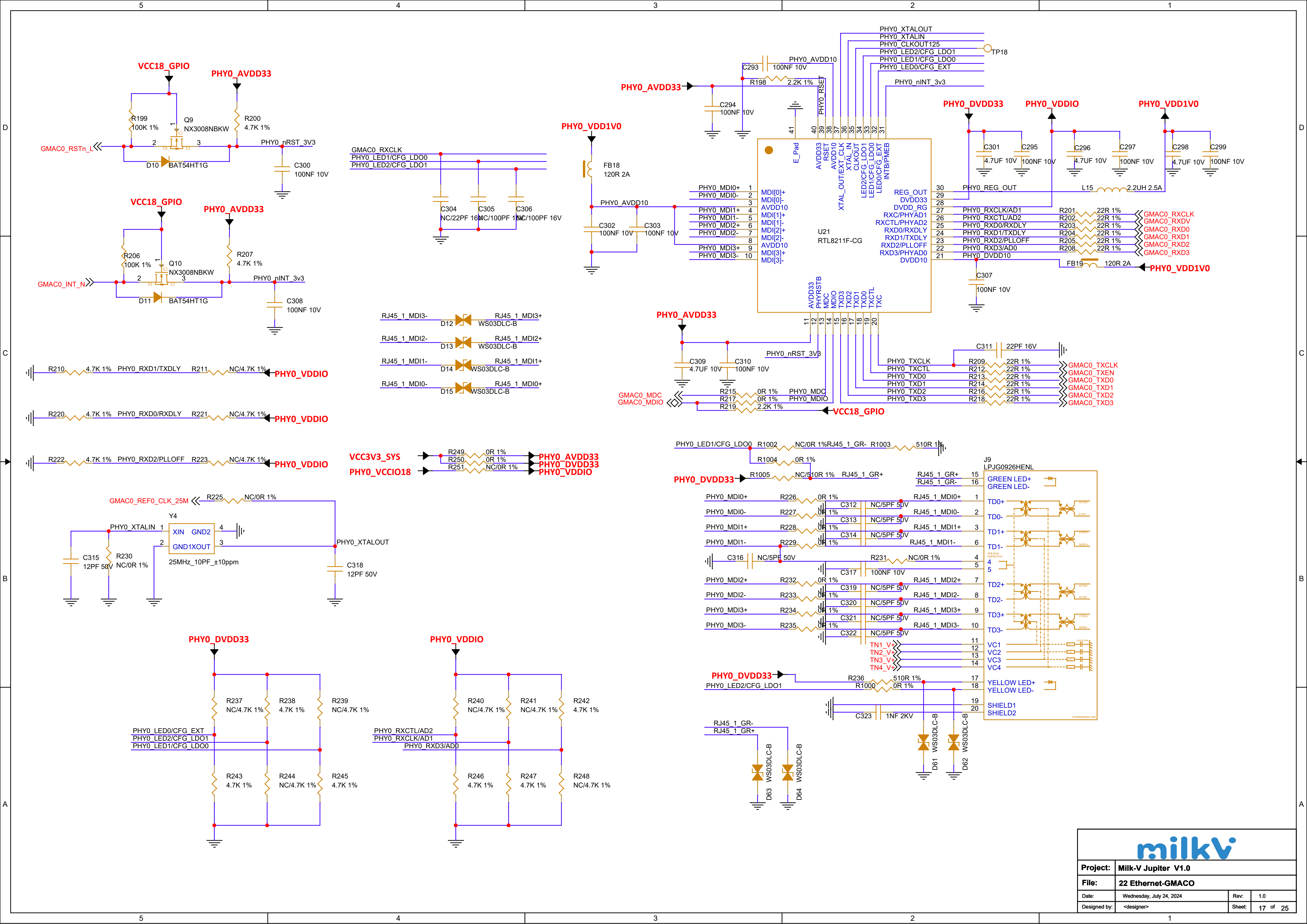


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File: 20 VO-MIPI DSI			
Date:	Wednesday, July 24, 2024	Rev:	1.0
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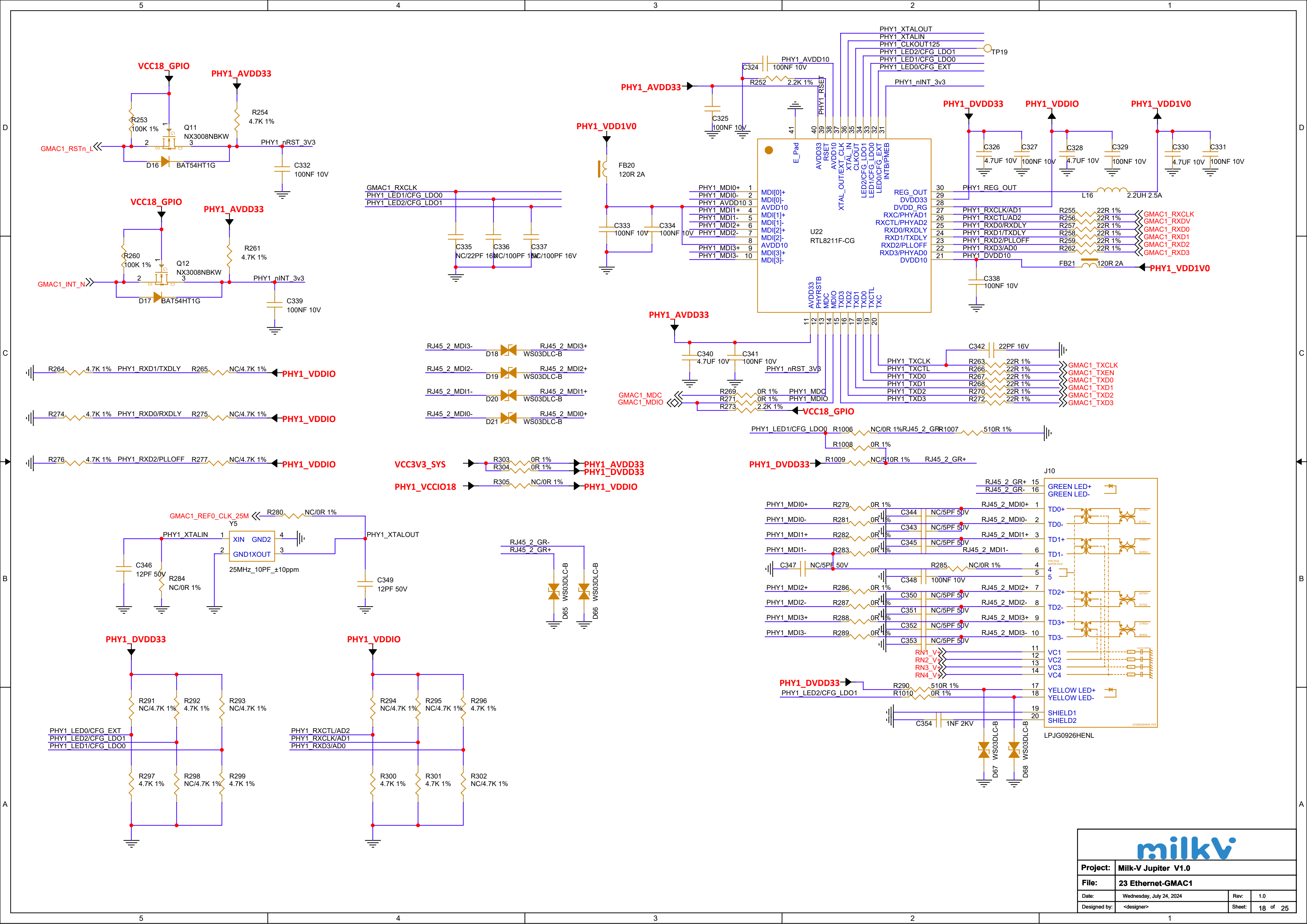
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File: 21 WIFI/BT-SDIO 2T2R/UART			
Date:	Wednesday, July 24, 2024	Rev:	1.0
Designed by:	<designer>	Sheet:	16 of 25

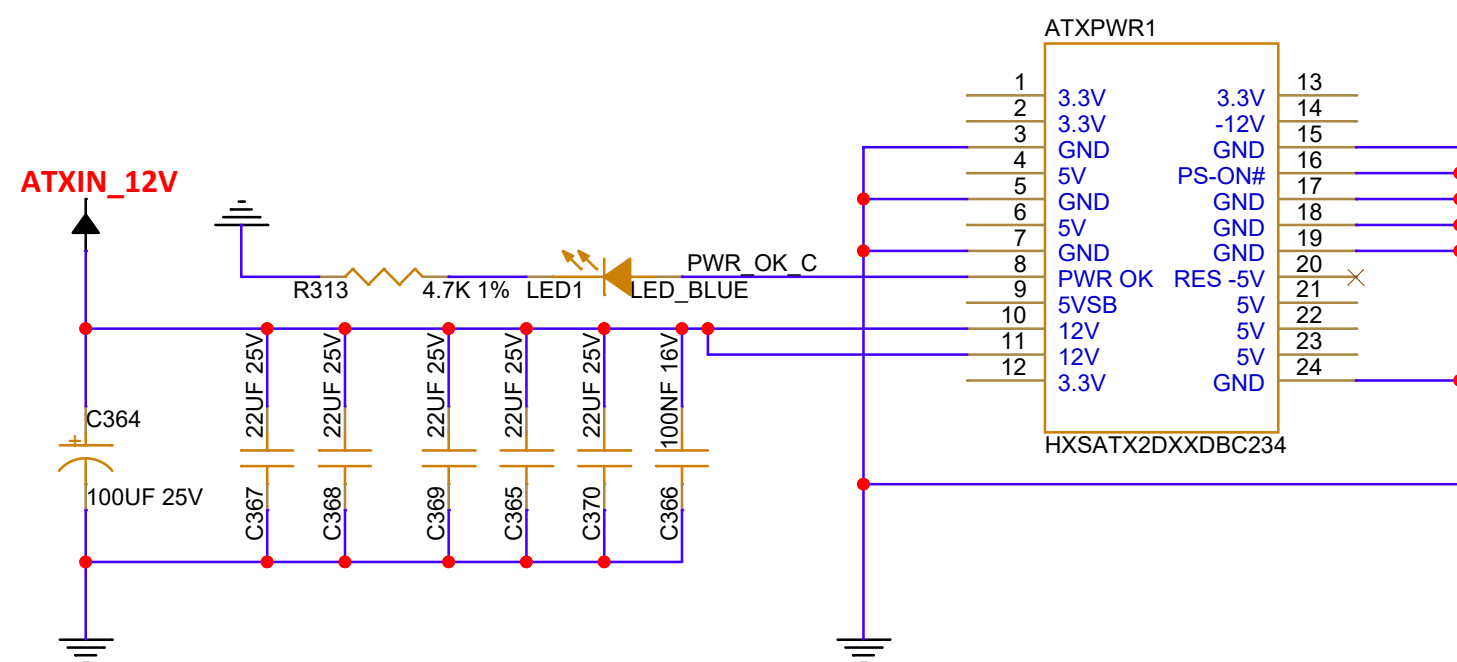
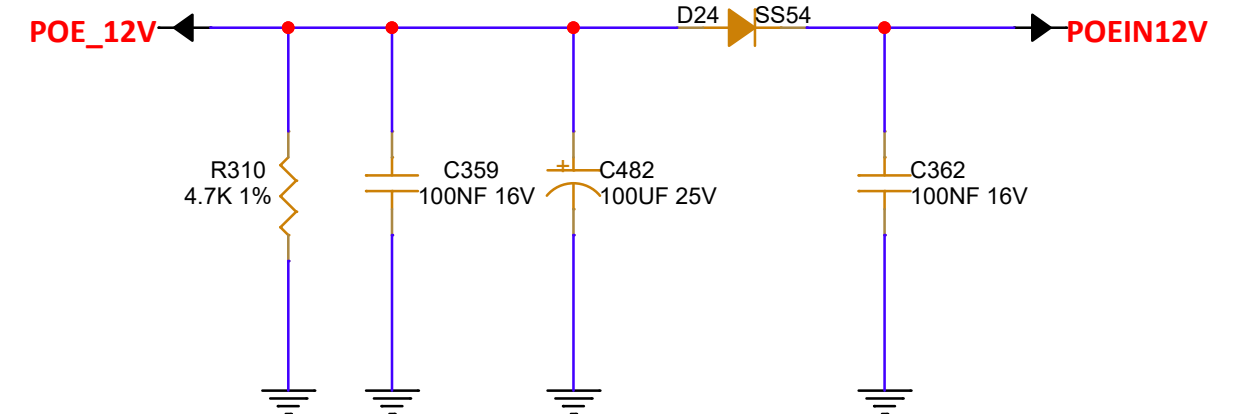
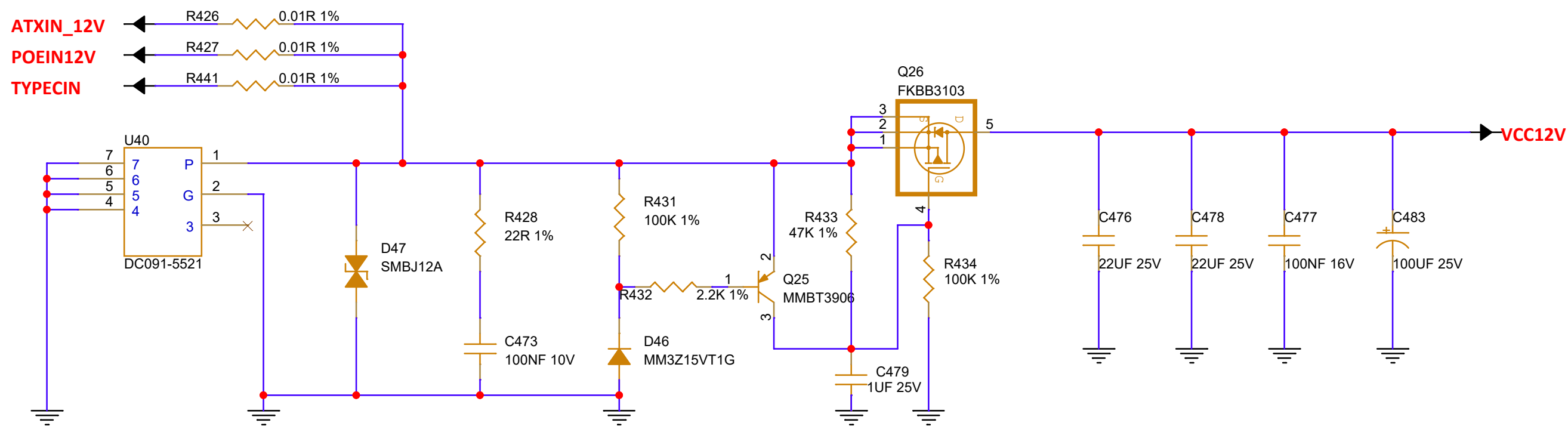
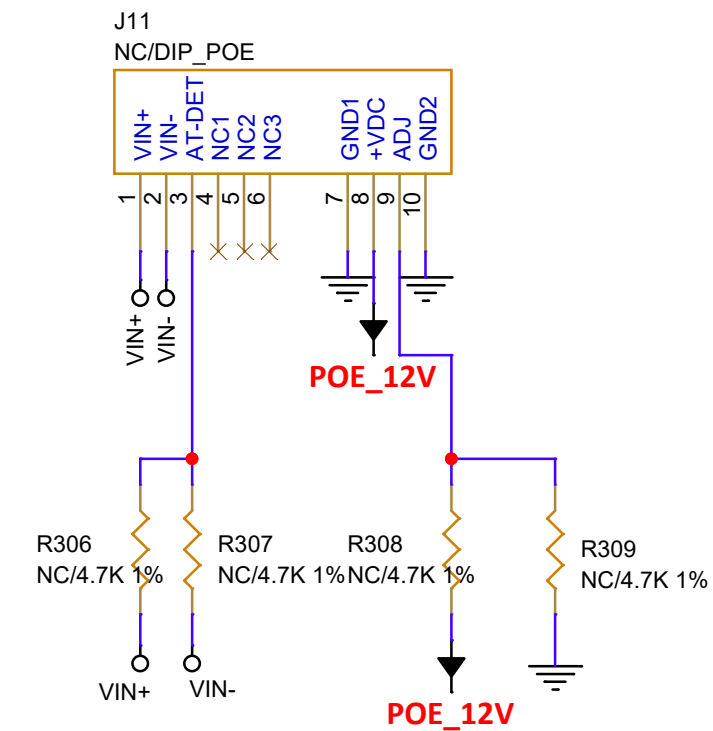
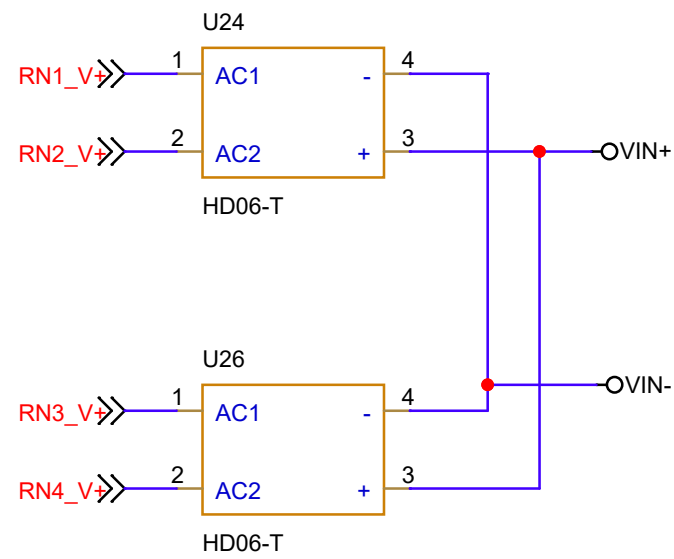
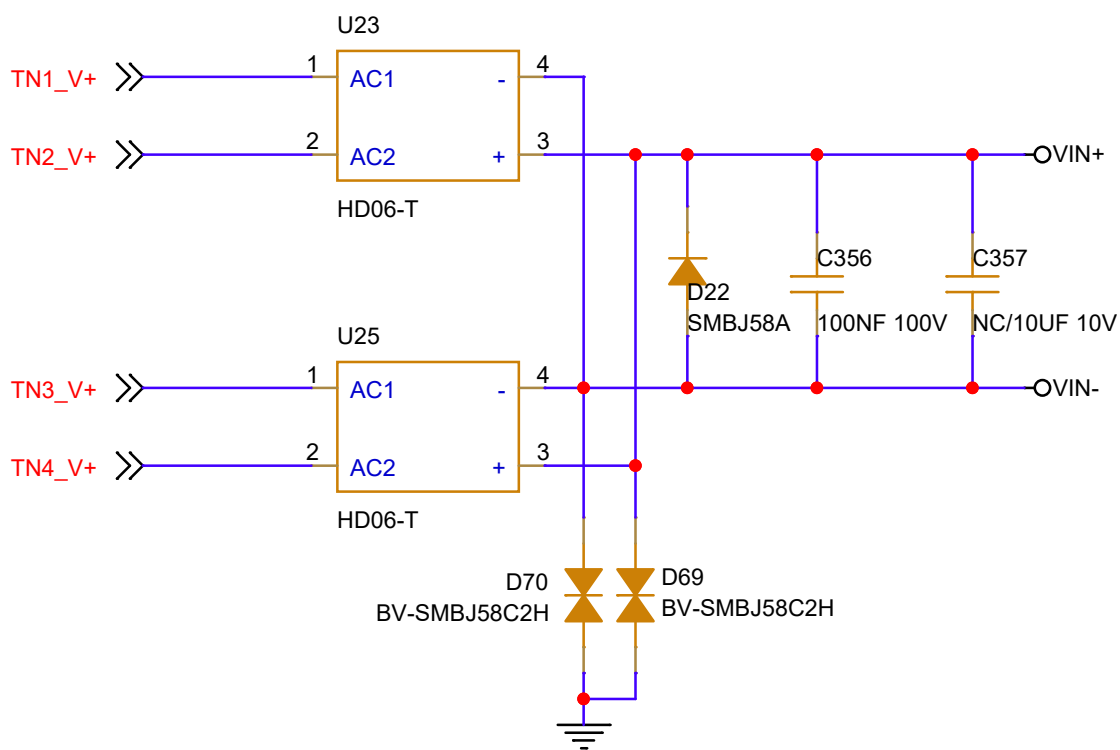




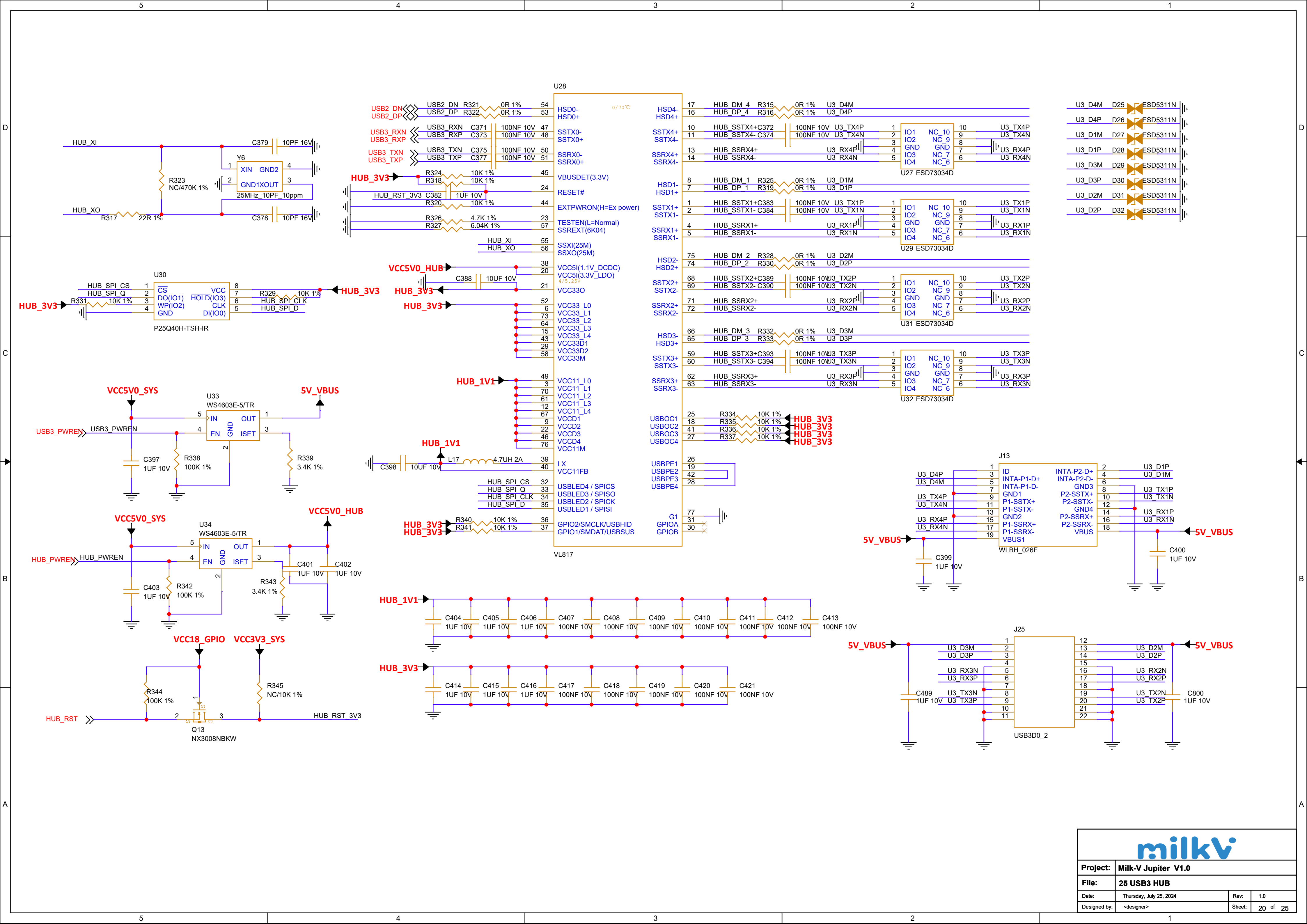
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Date:	Wednesday, July 24, 2024	Rev:	1.0	
Designed by:	<designer>	Sheet:	17 of 25	

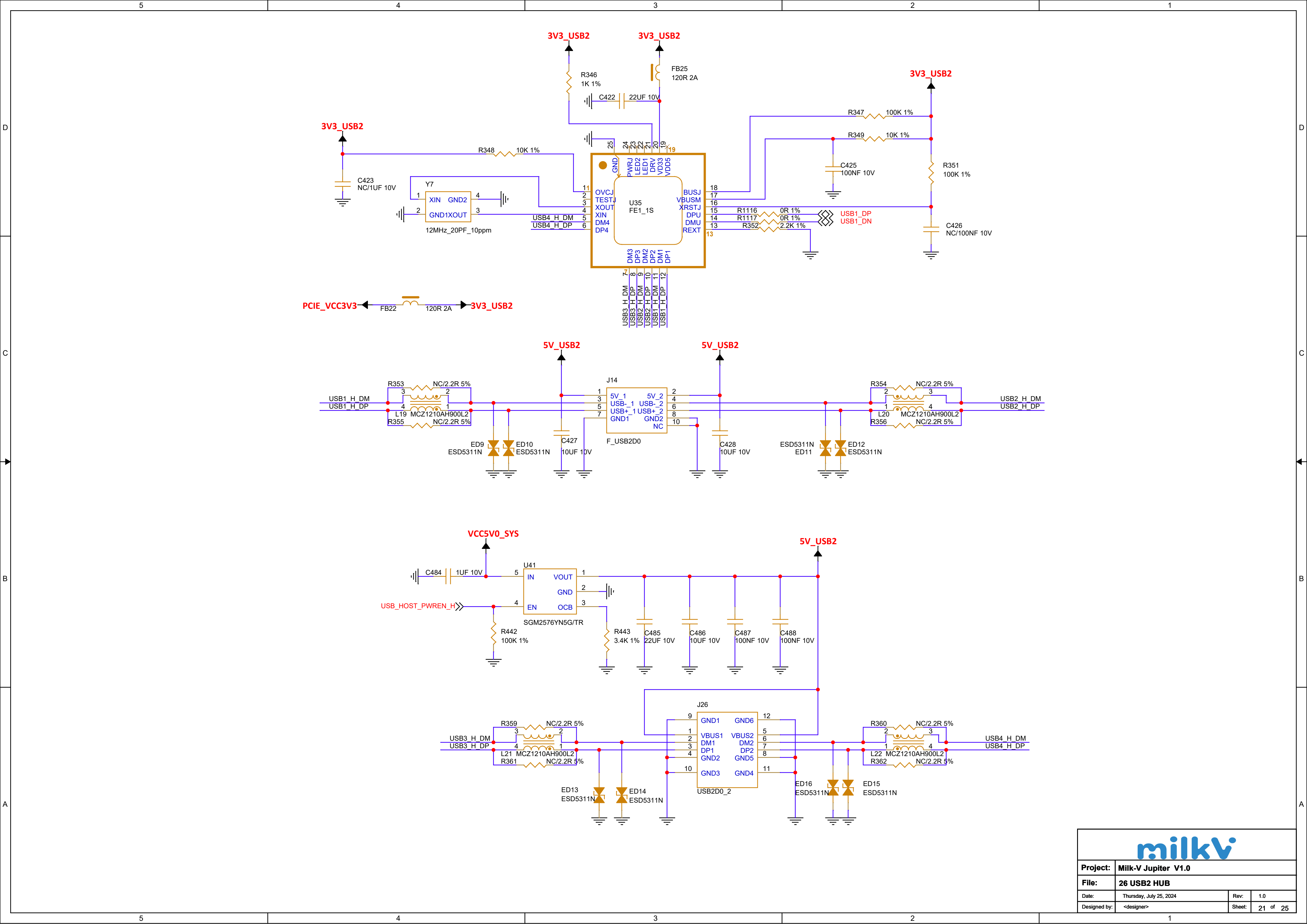




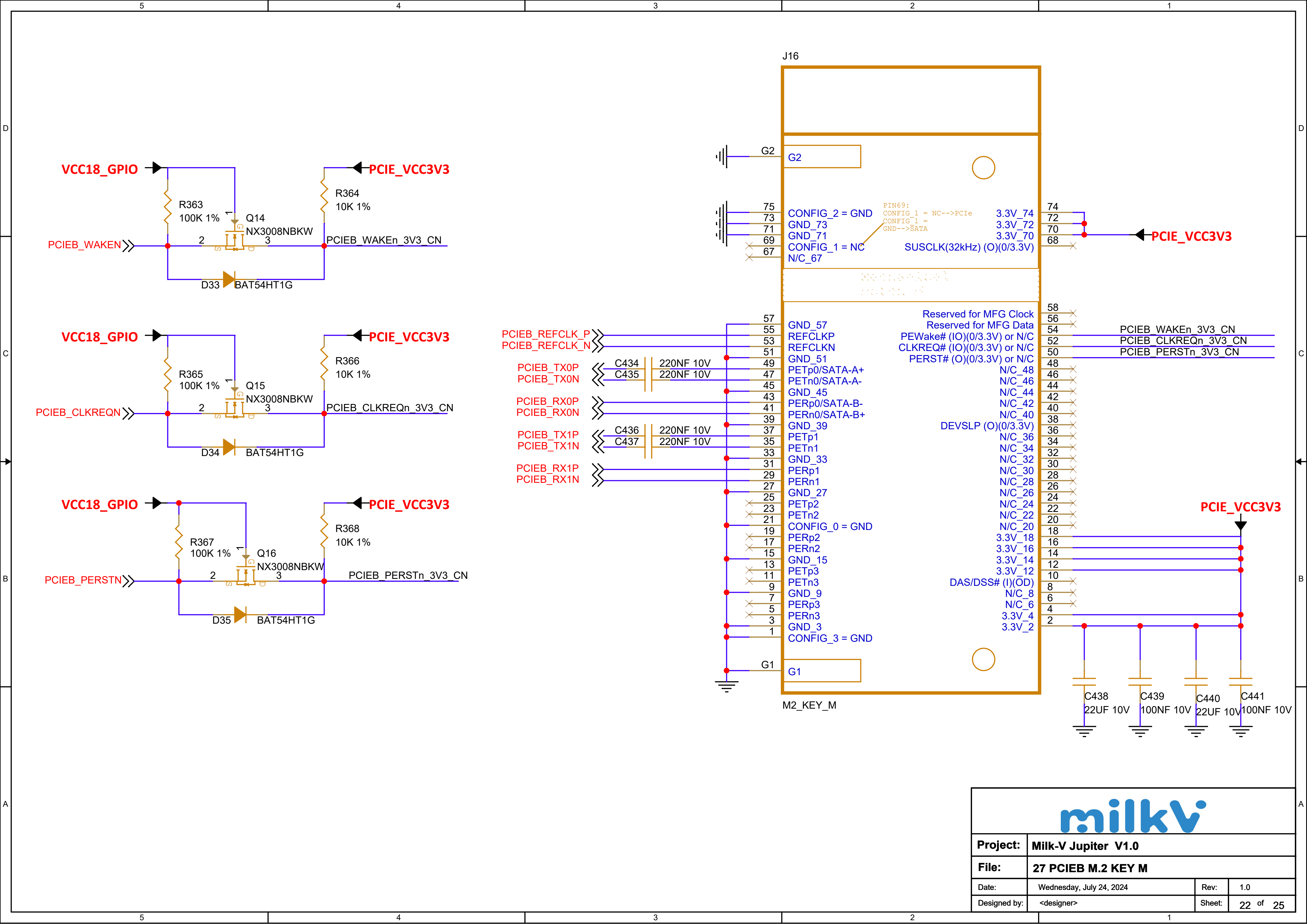


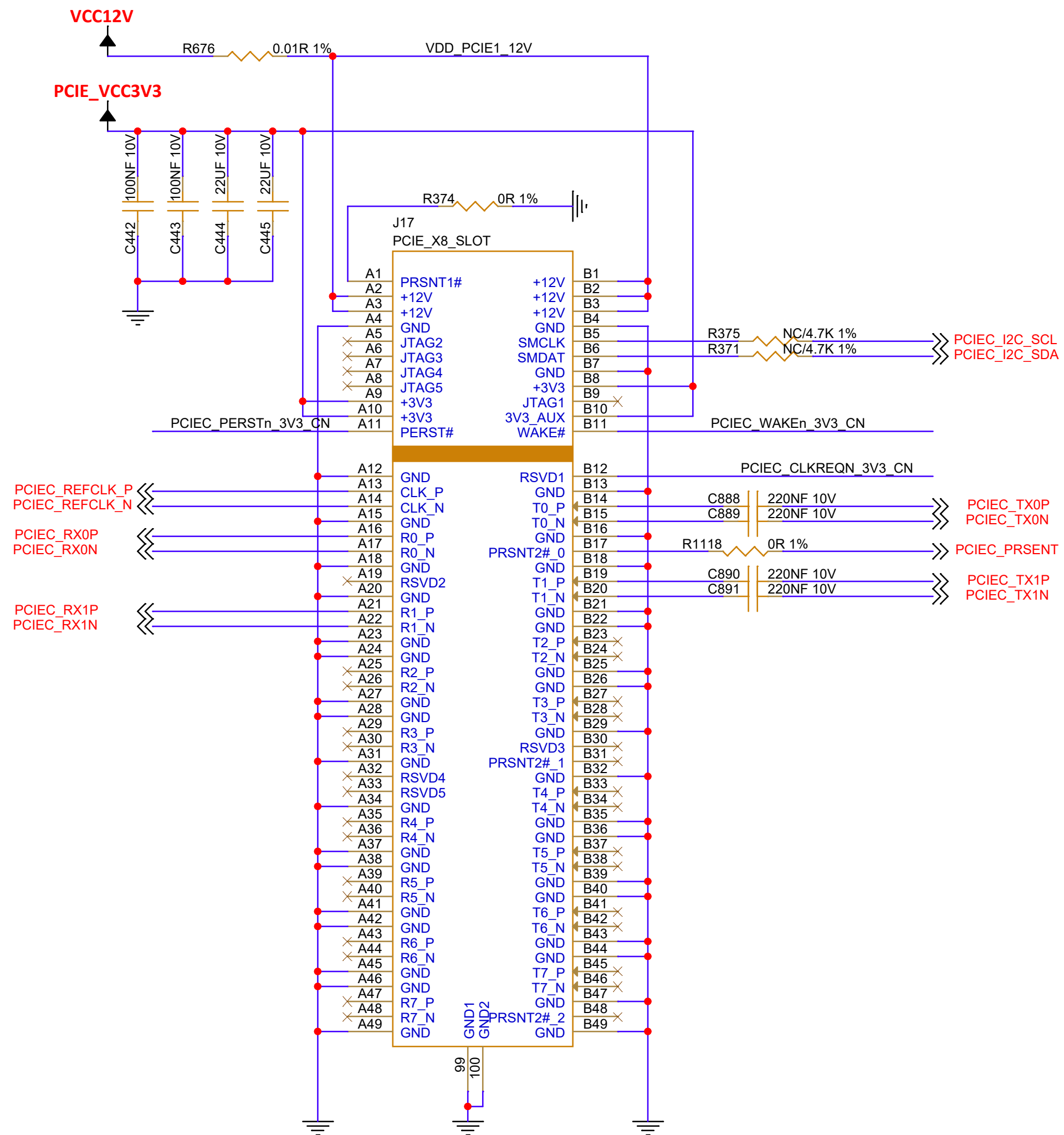
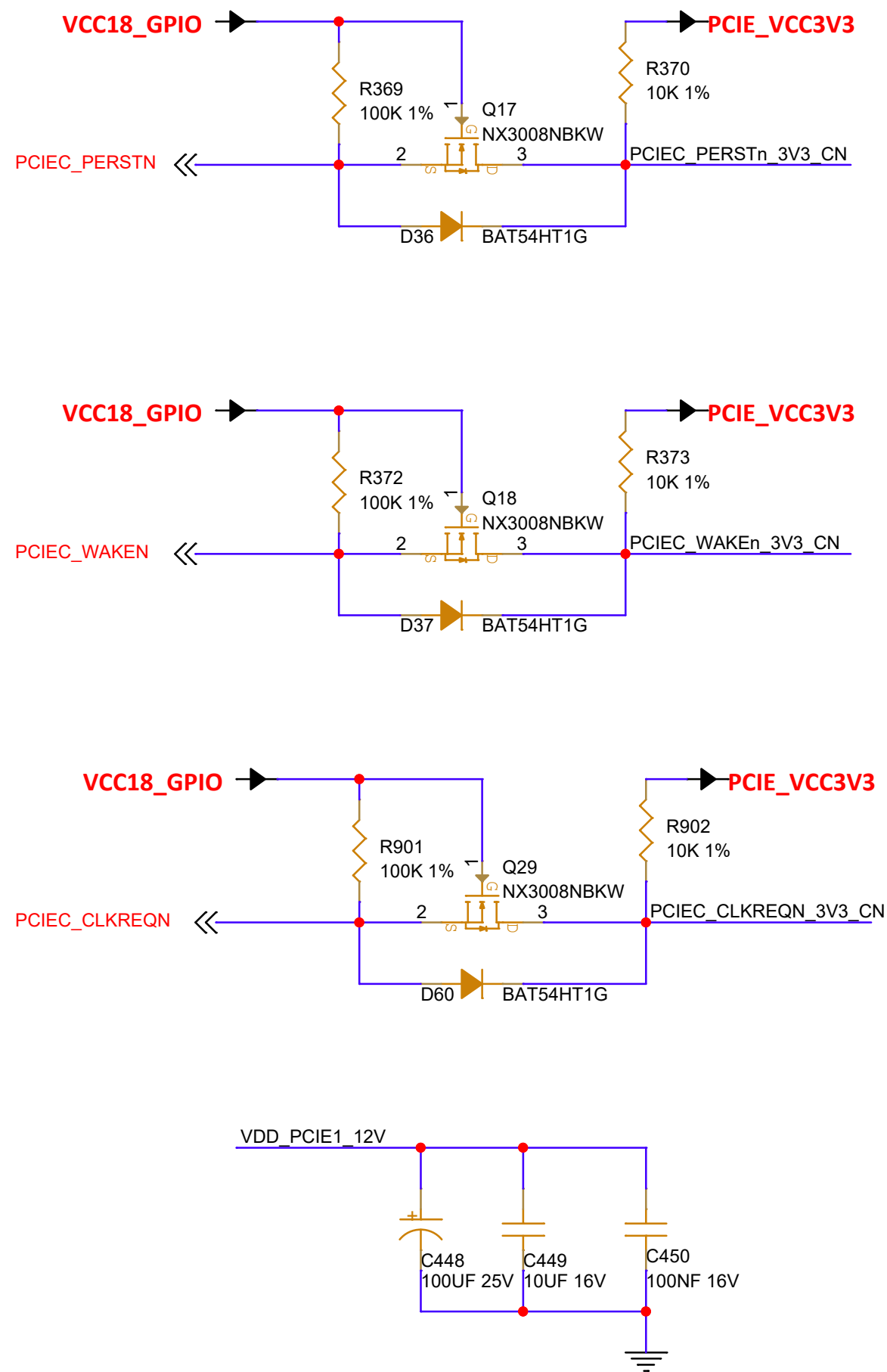






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File: 26 USB2 HUB			
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Project: Milk-V Jupiter V1.0			
File: 28 PCIEC X8 Slot			
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