

STM32MP257F-EV1

MB1936

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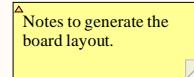
Sheet 18: STlink V3EC

Legend

General comment such as function title, configuration, ...

Text to be added to silkscreen.

Warning text.



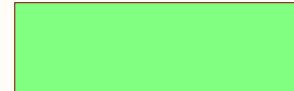
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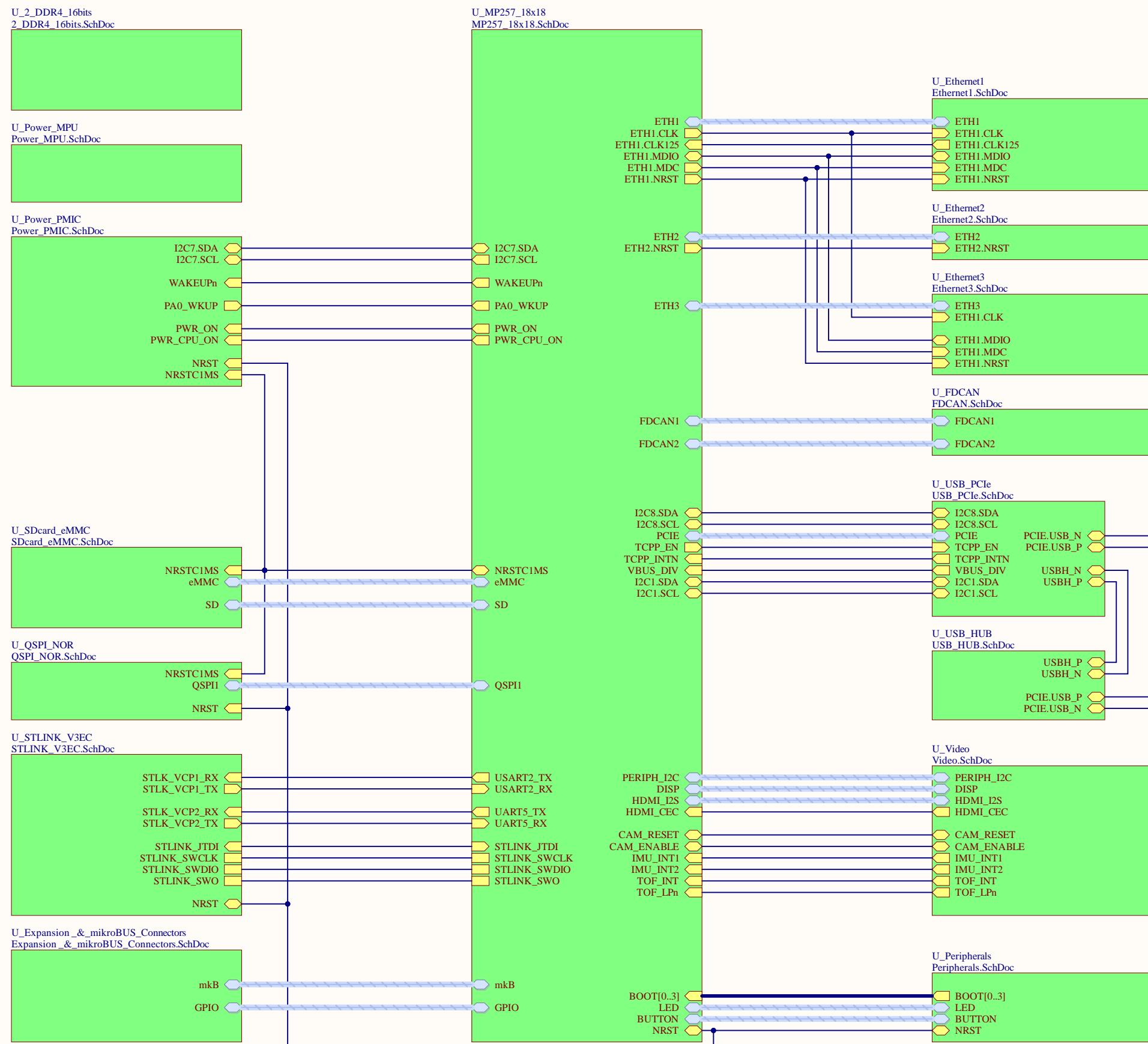
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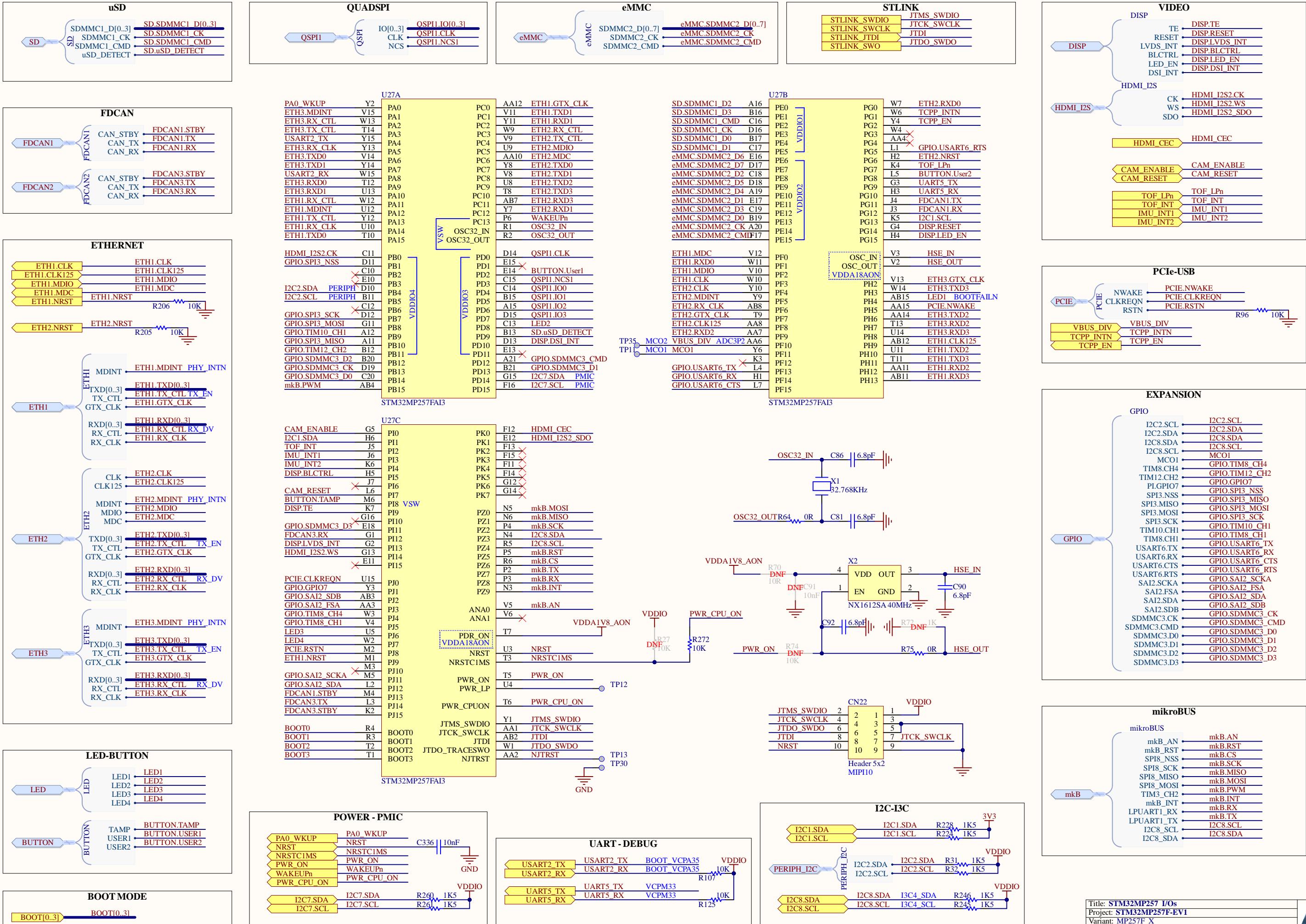
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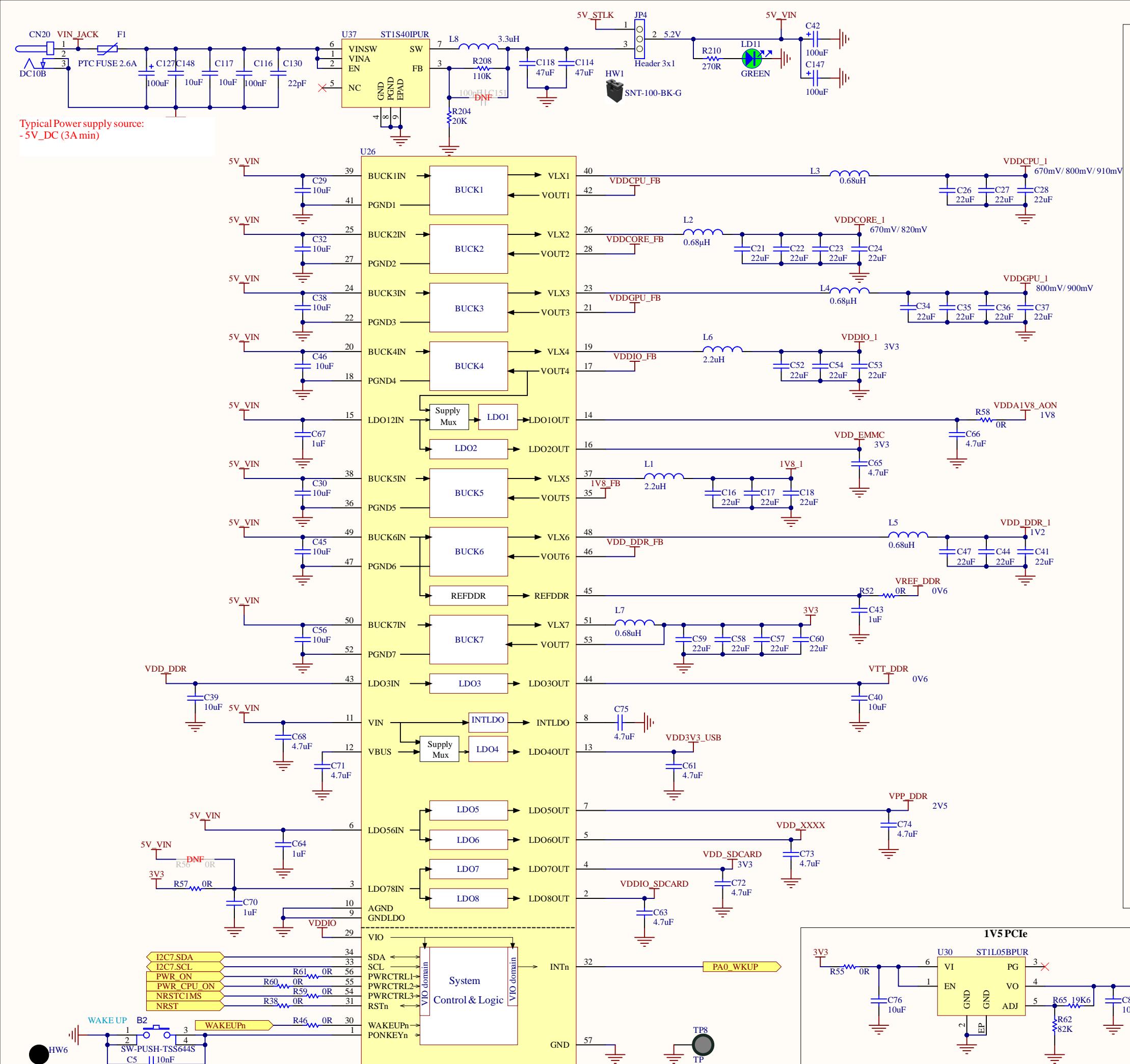
U_MB1936-TOP
MB1936-TOP.SchDoc



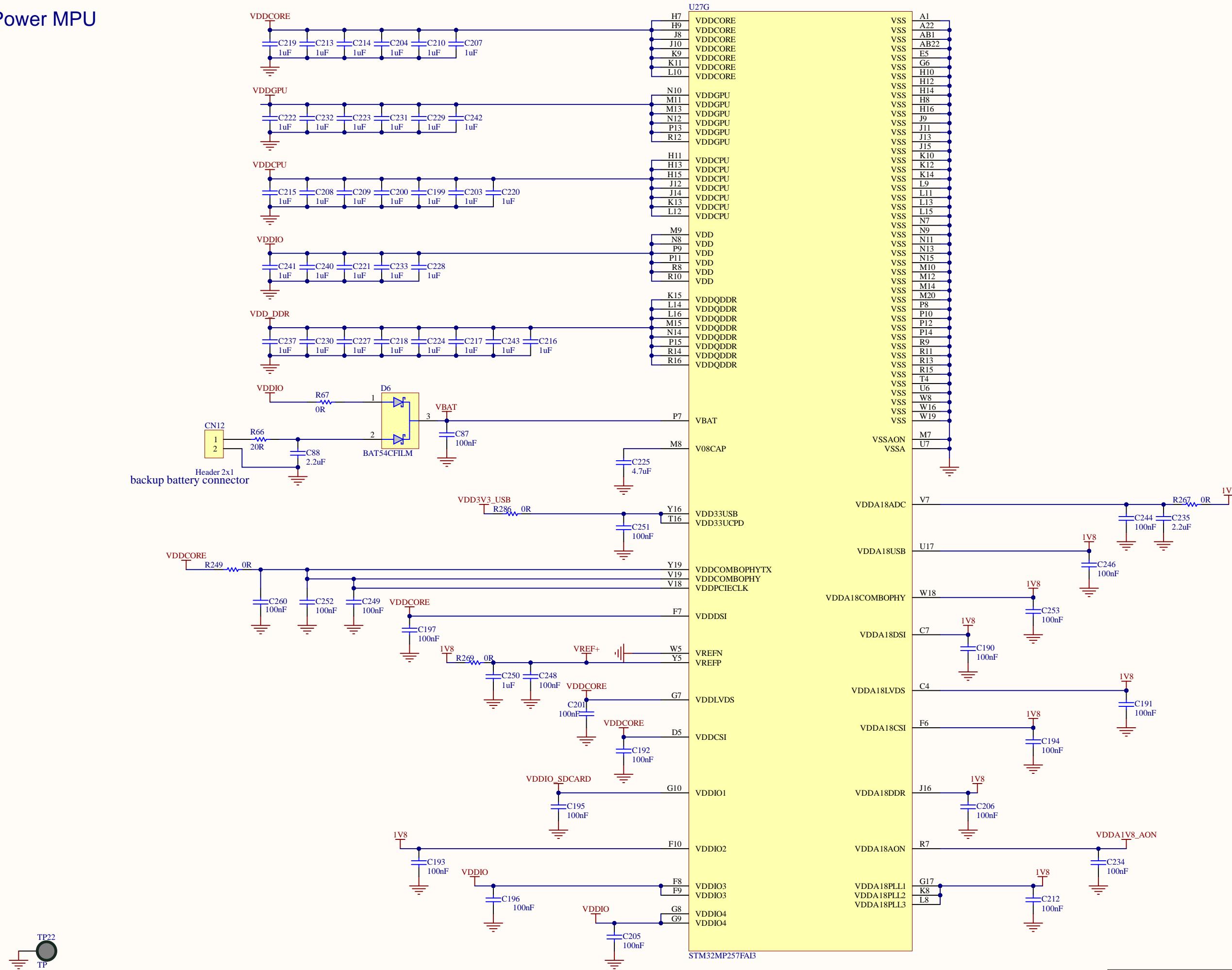
Title: Project overview	Project: STM32MP257F-EV1	 <small>life.augmented</small>
Variant: MP257F_X		
Revision: D-01	Reference: MB1936	
Size: A4	Date: 16-MAY-24	
Sheet: 1 of 18		

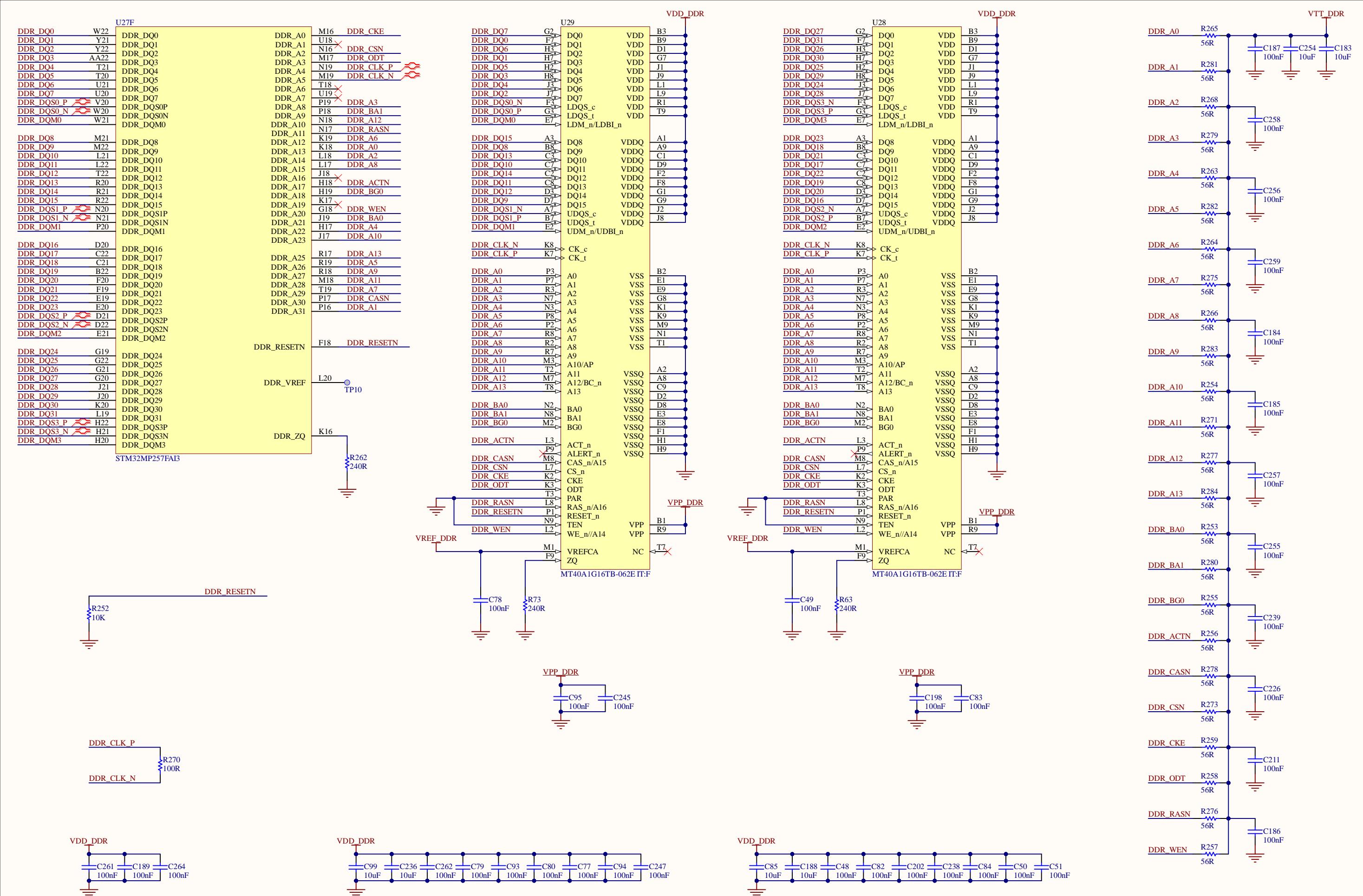




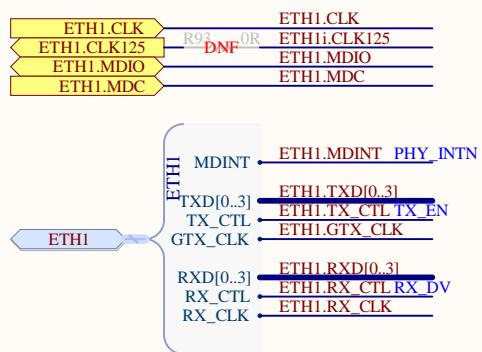


Power MPU

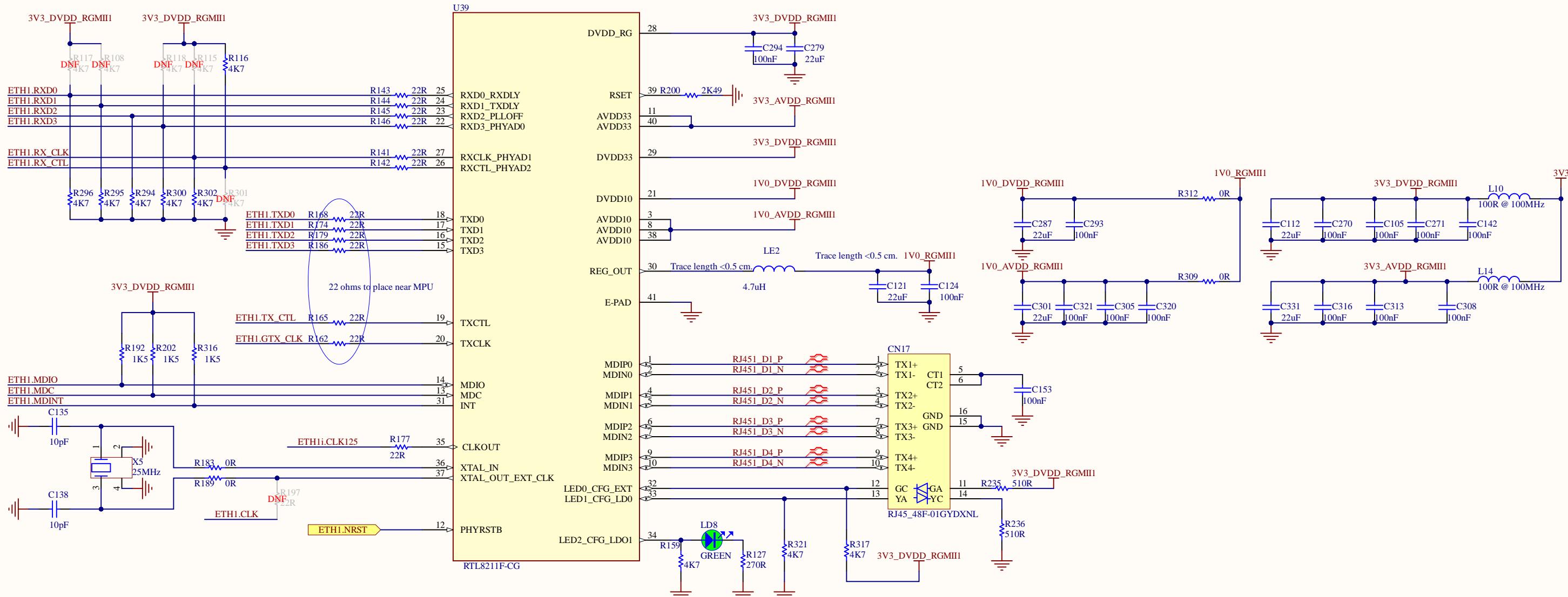




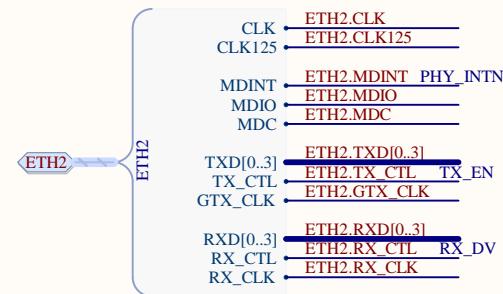
RGMII ETH1



TXC / RXC : no 2ns delays
 PHY Address :
 AD[2:0] : 100 (0x04) default



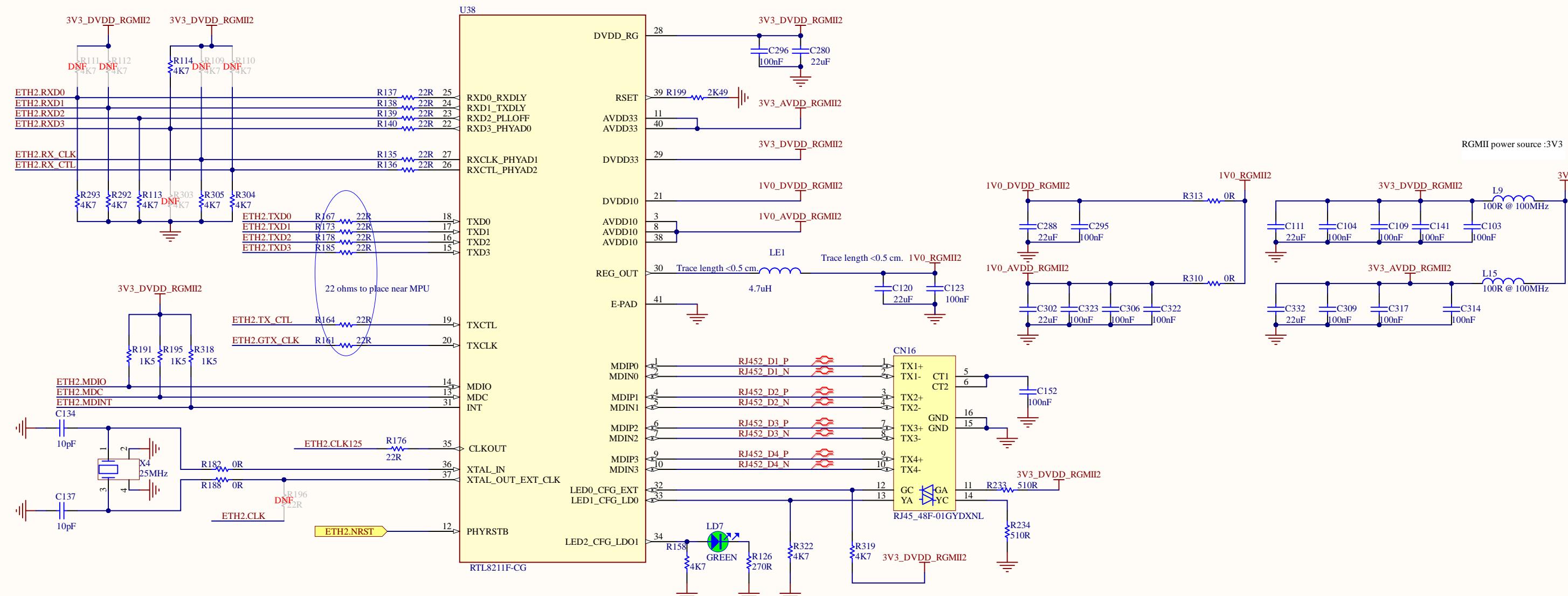
RGMII ETH2



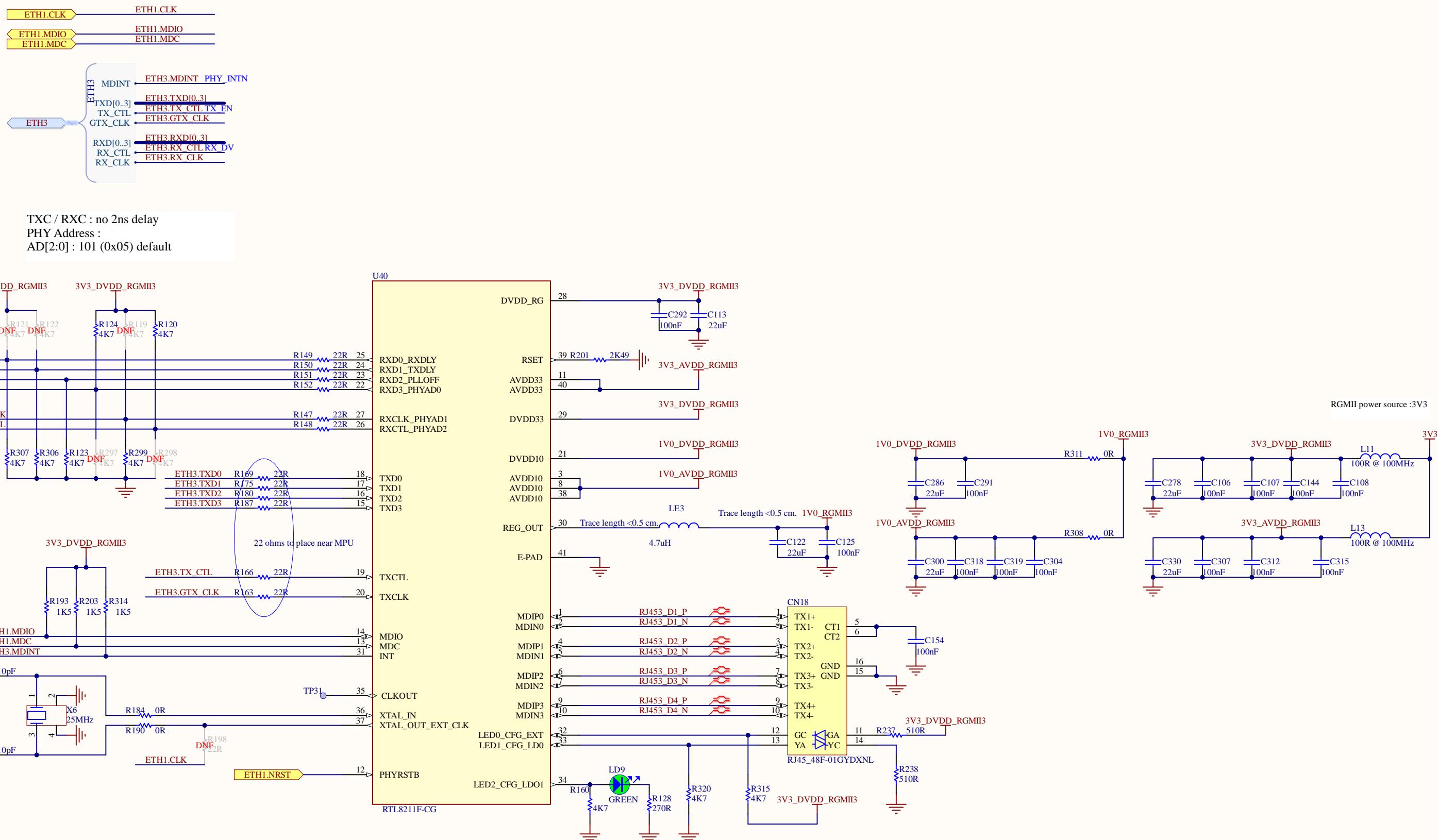
TXC / RXC : no 2ns delays

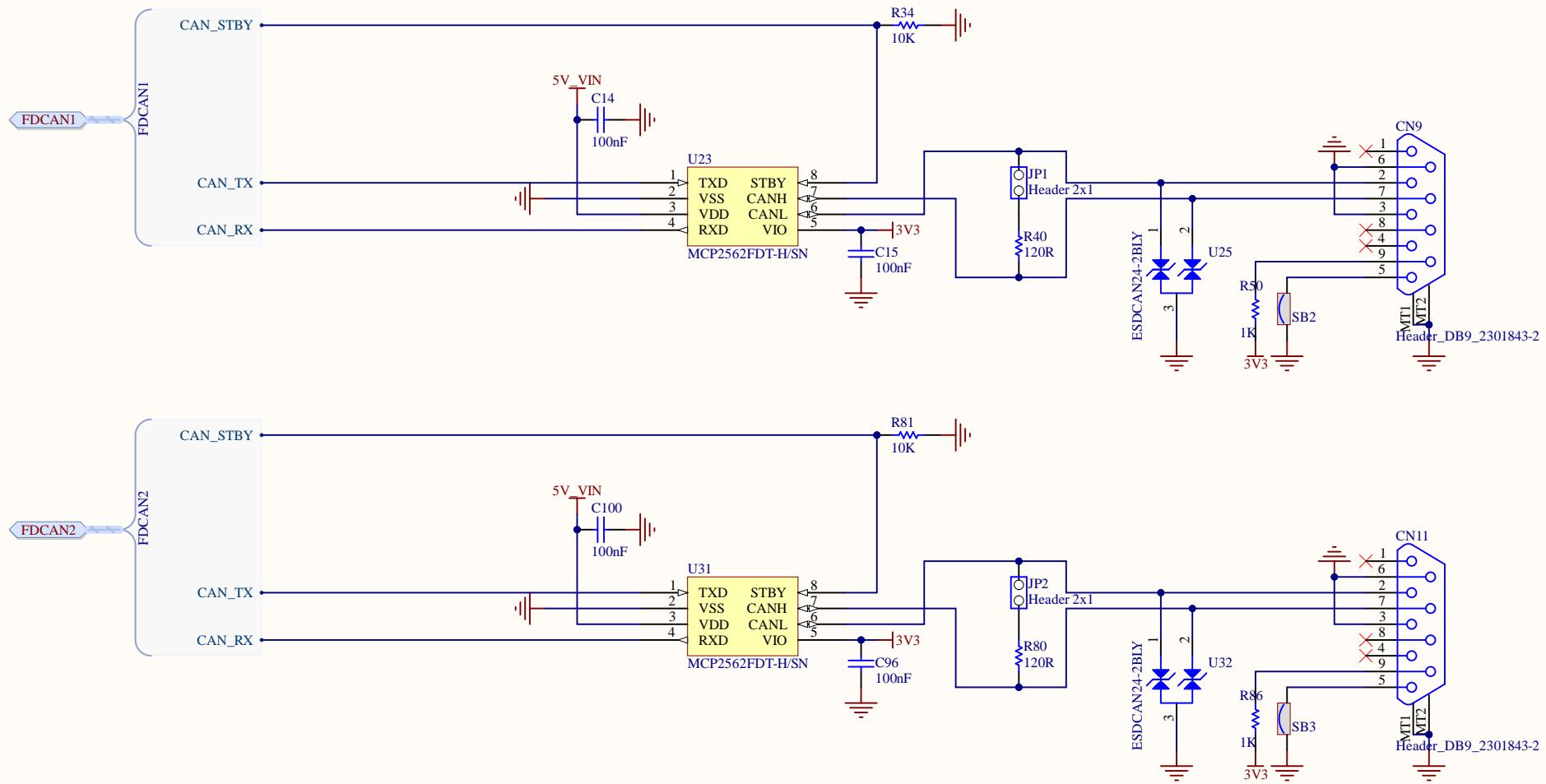
PHY Address :

AD[2:0] : 001 (0x01) default

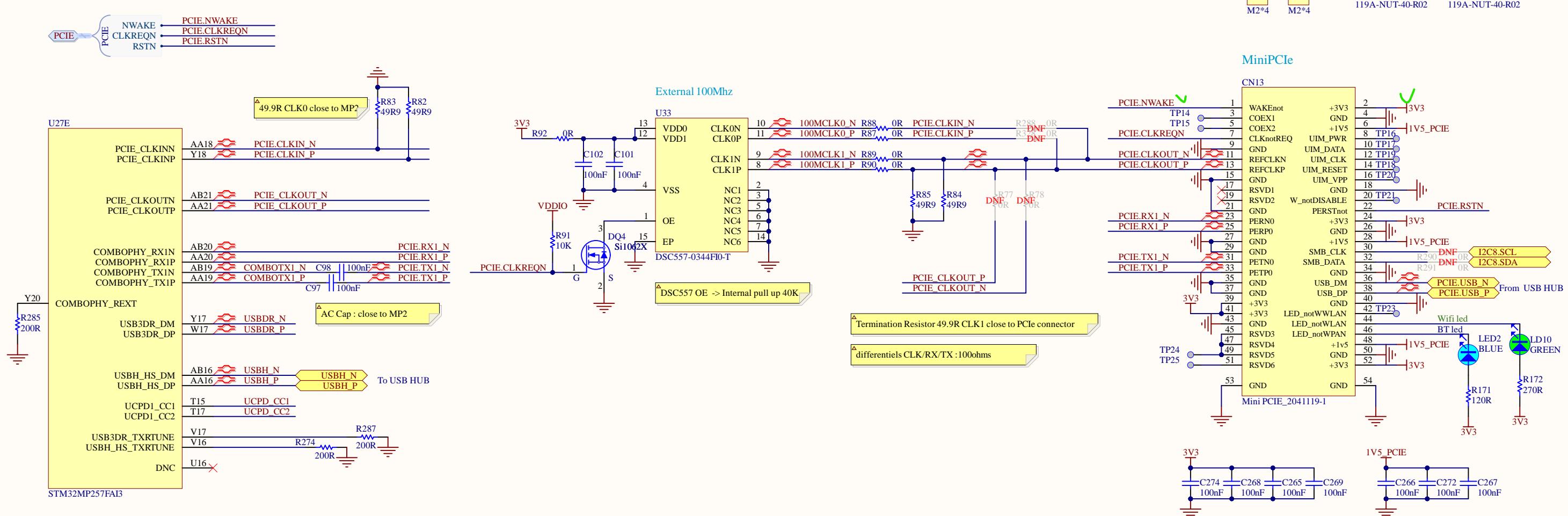


RGMII ETH3



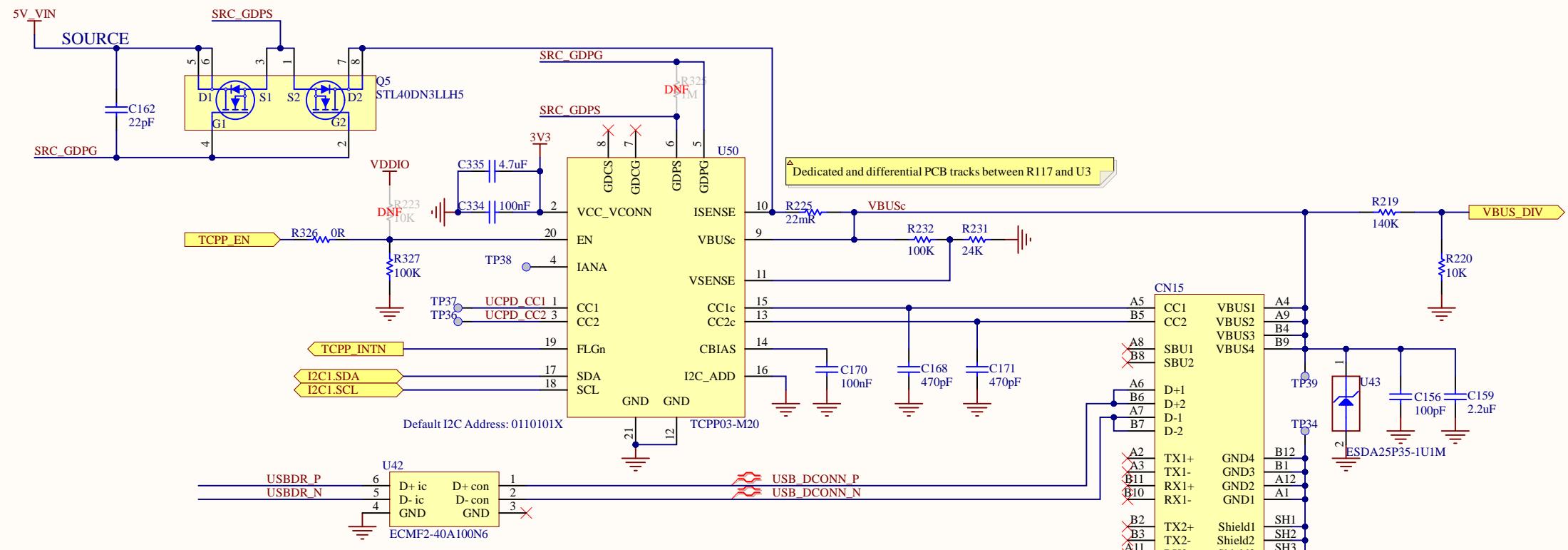


PCIe

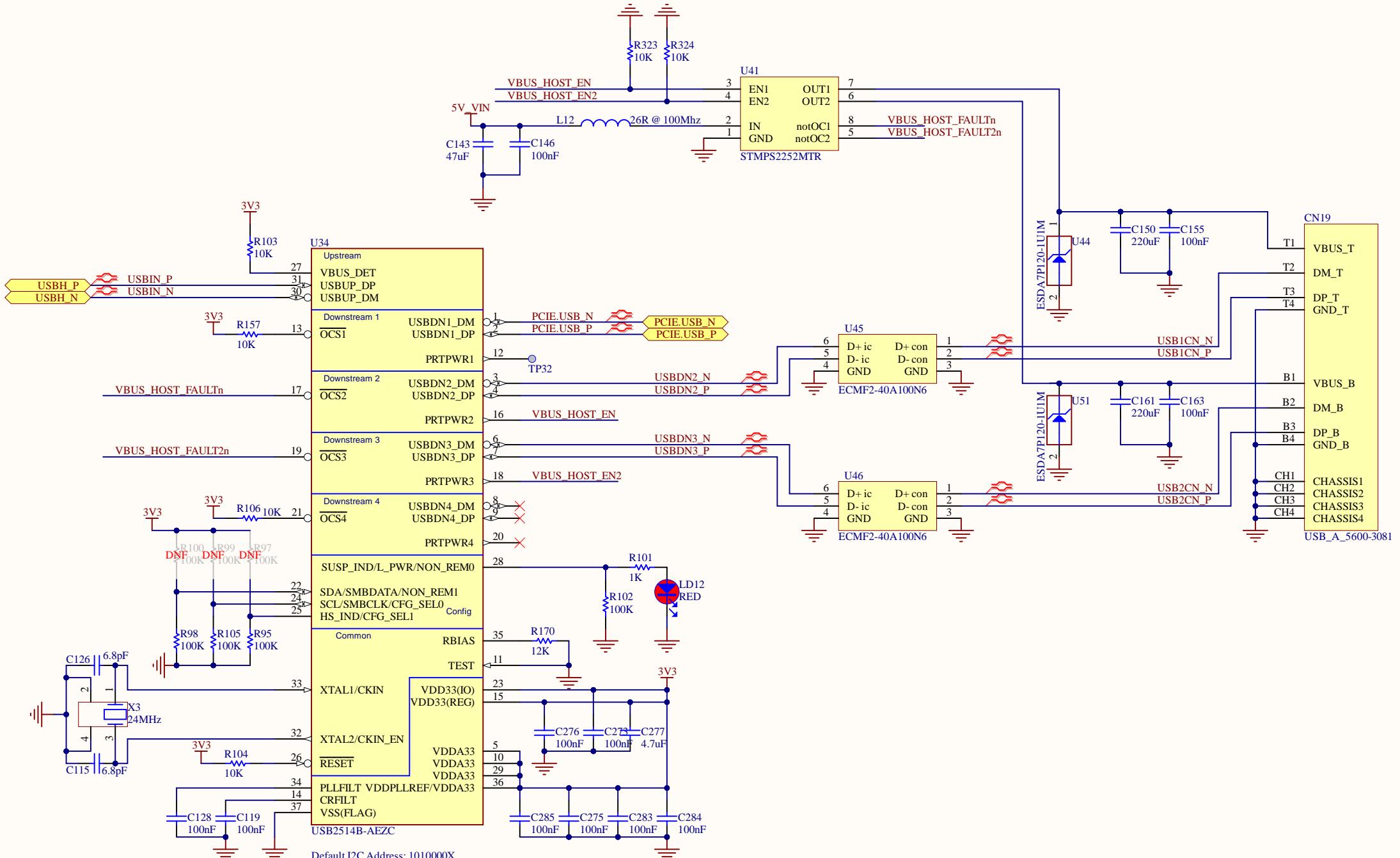


USB_DRD

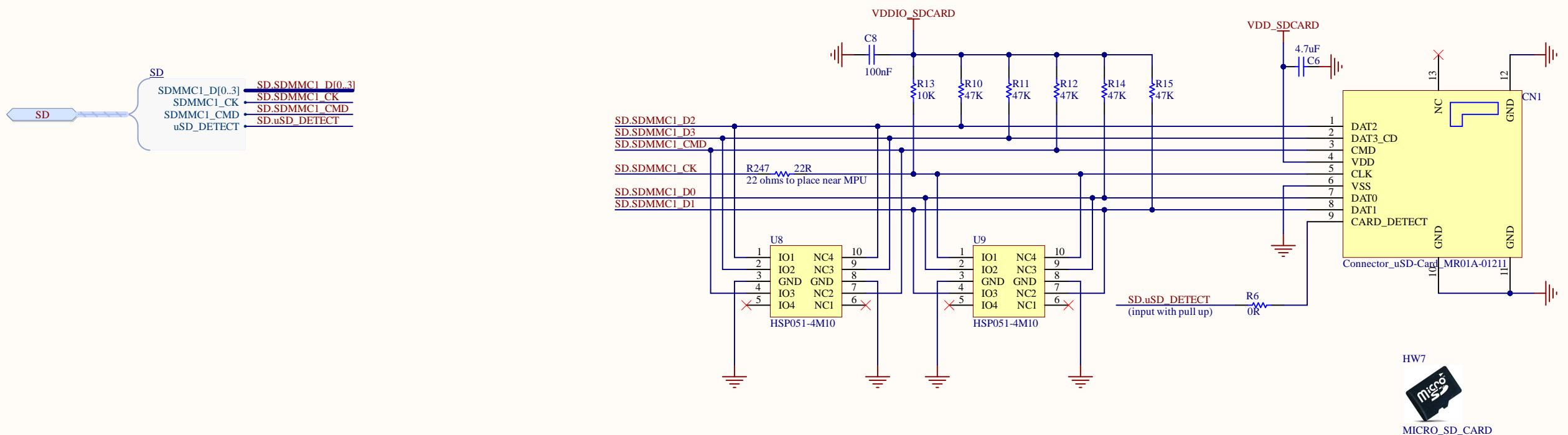
Source/Sink (with sink current=0)



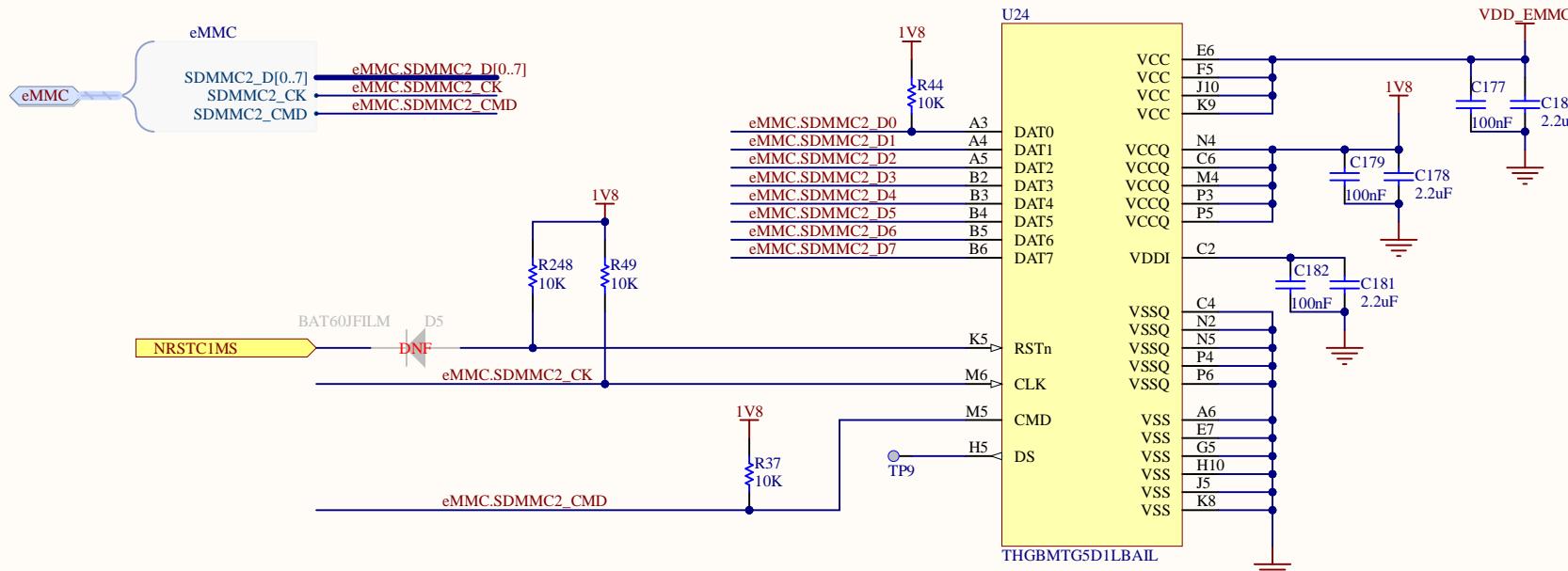
USB_HUB



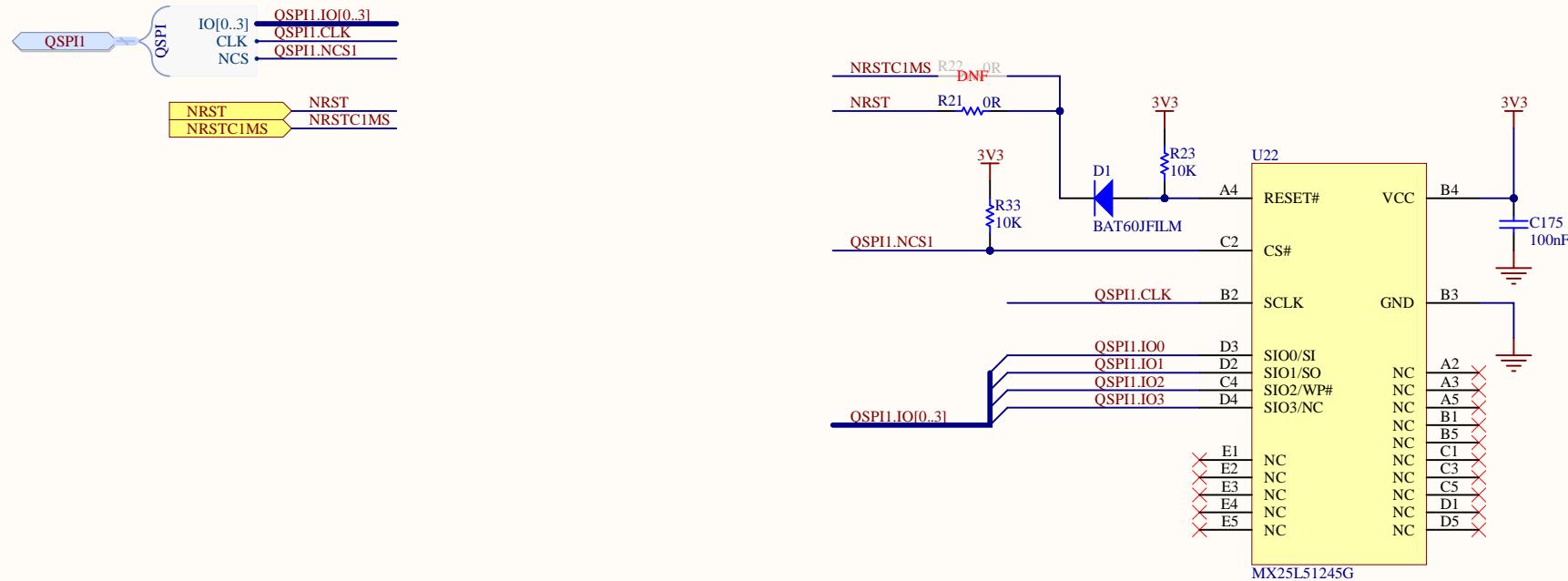
MICRO SD CARD



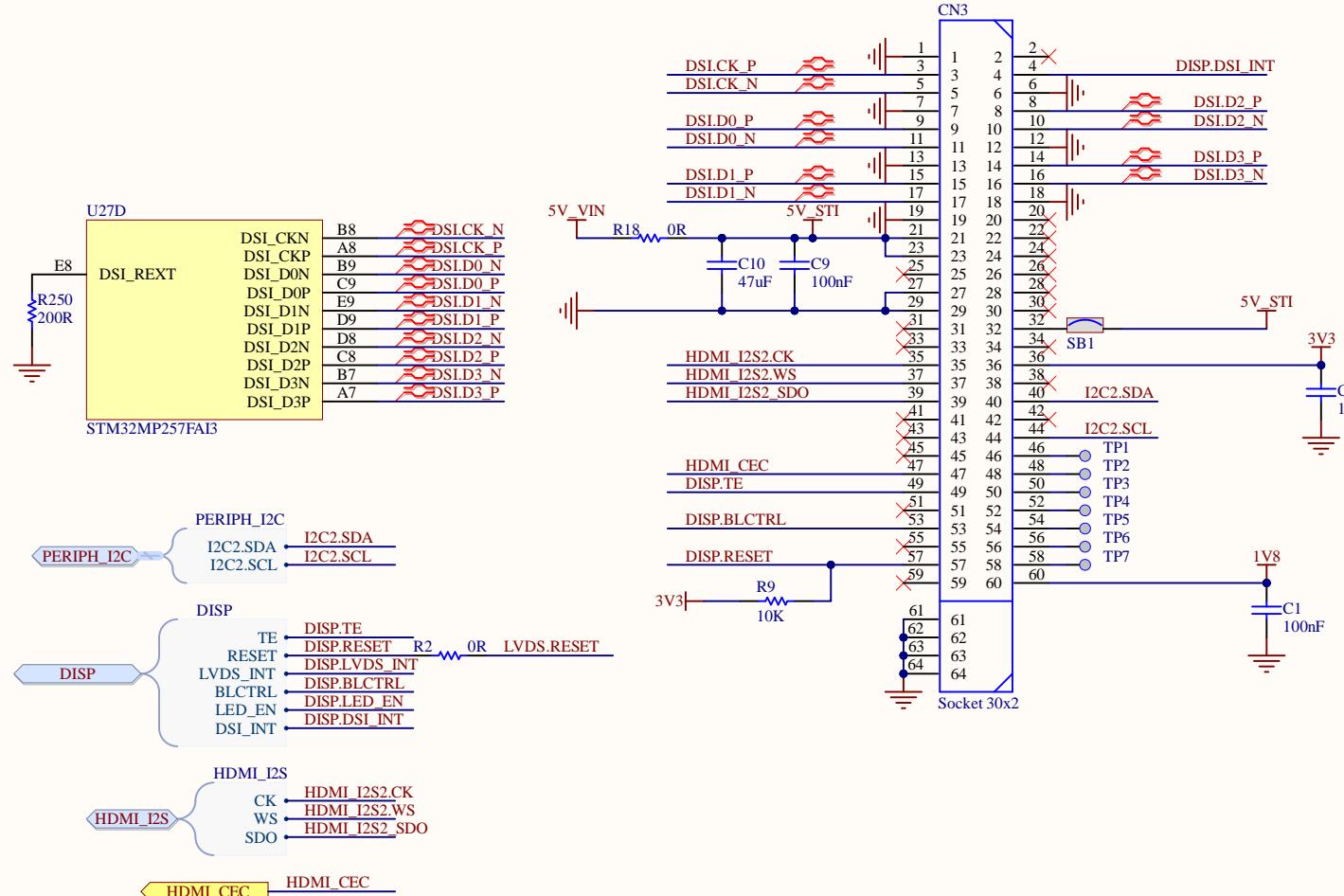
eMMC



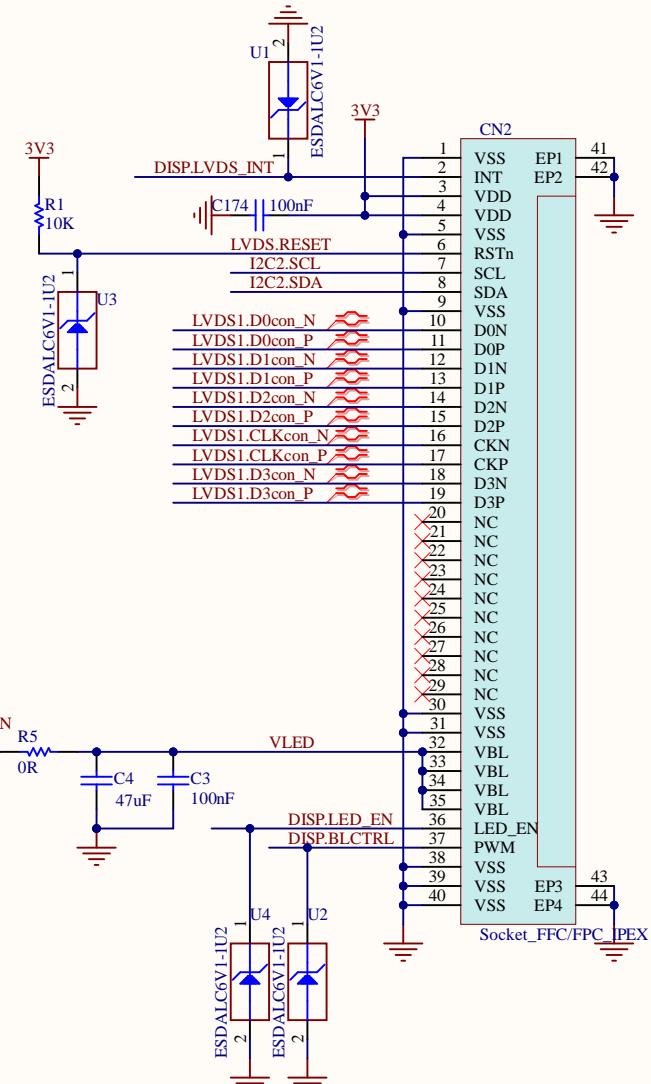
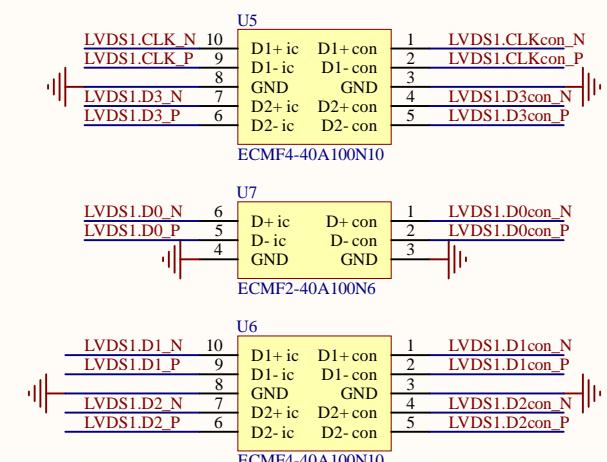
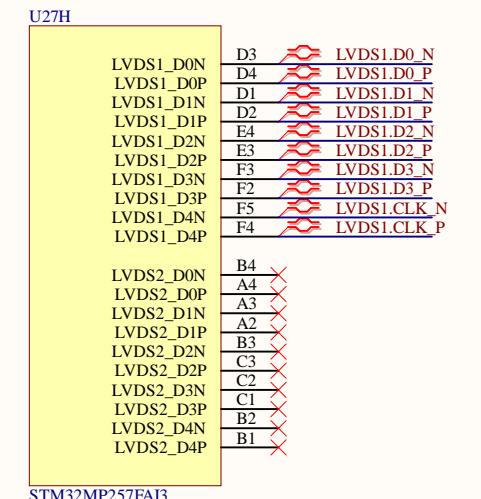
Quad SPI Flash



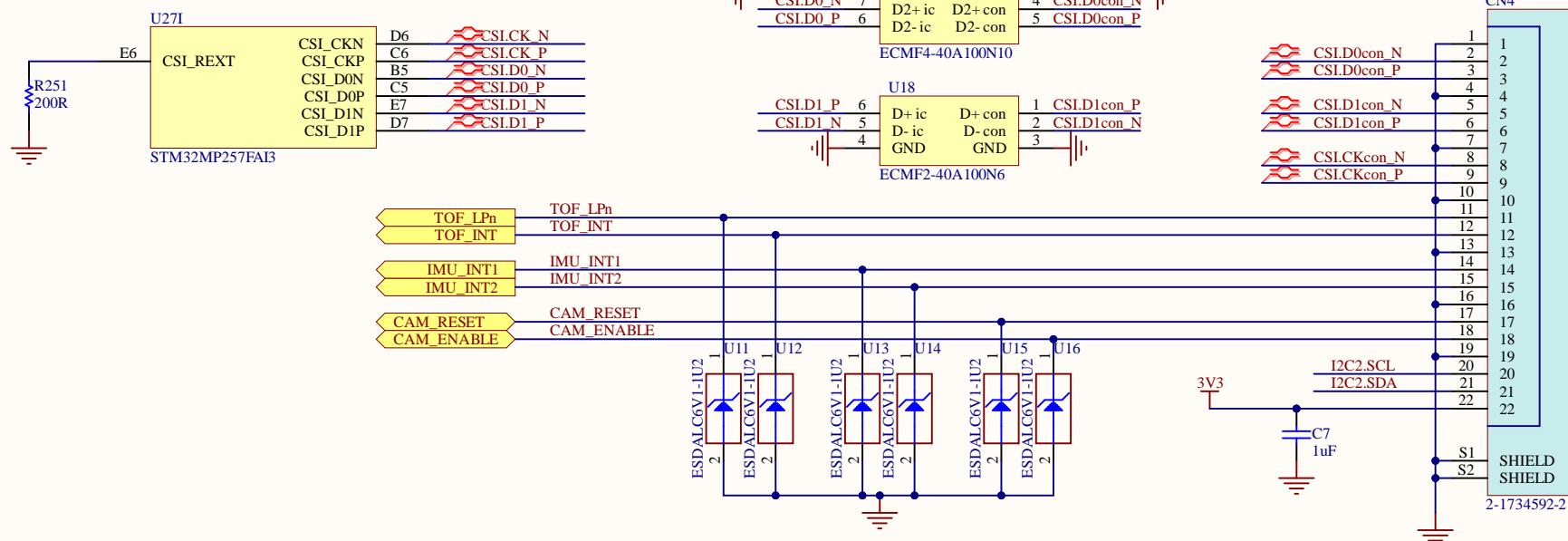
DSI - HDMI



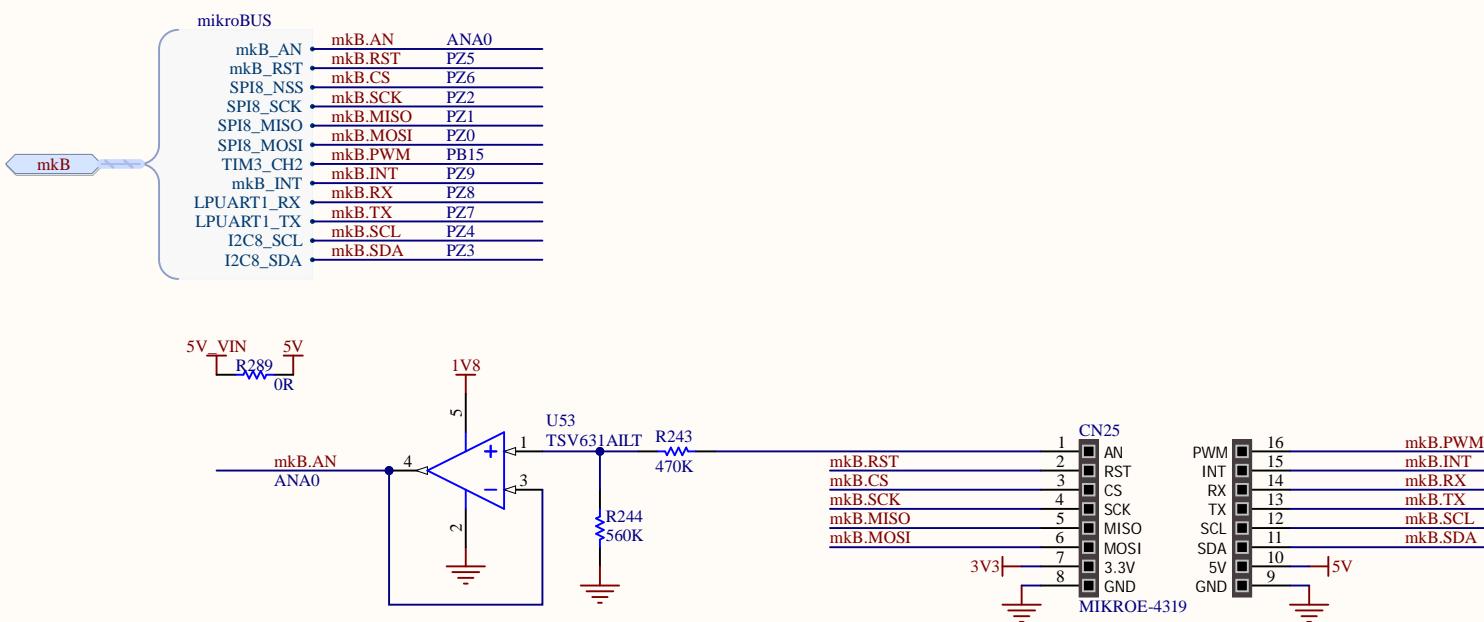
LVDS



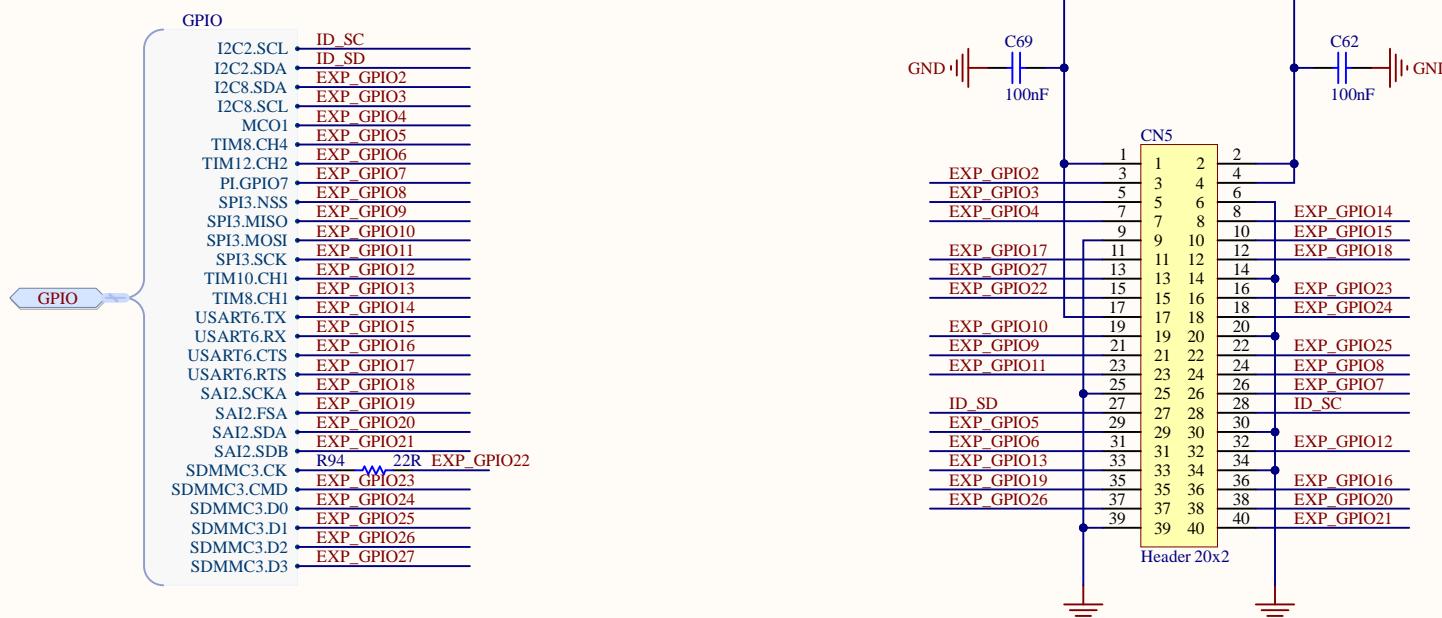
AI CAMERA



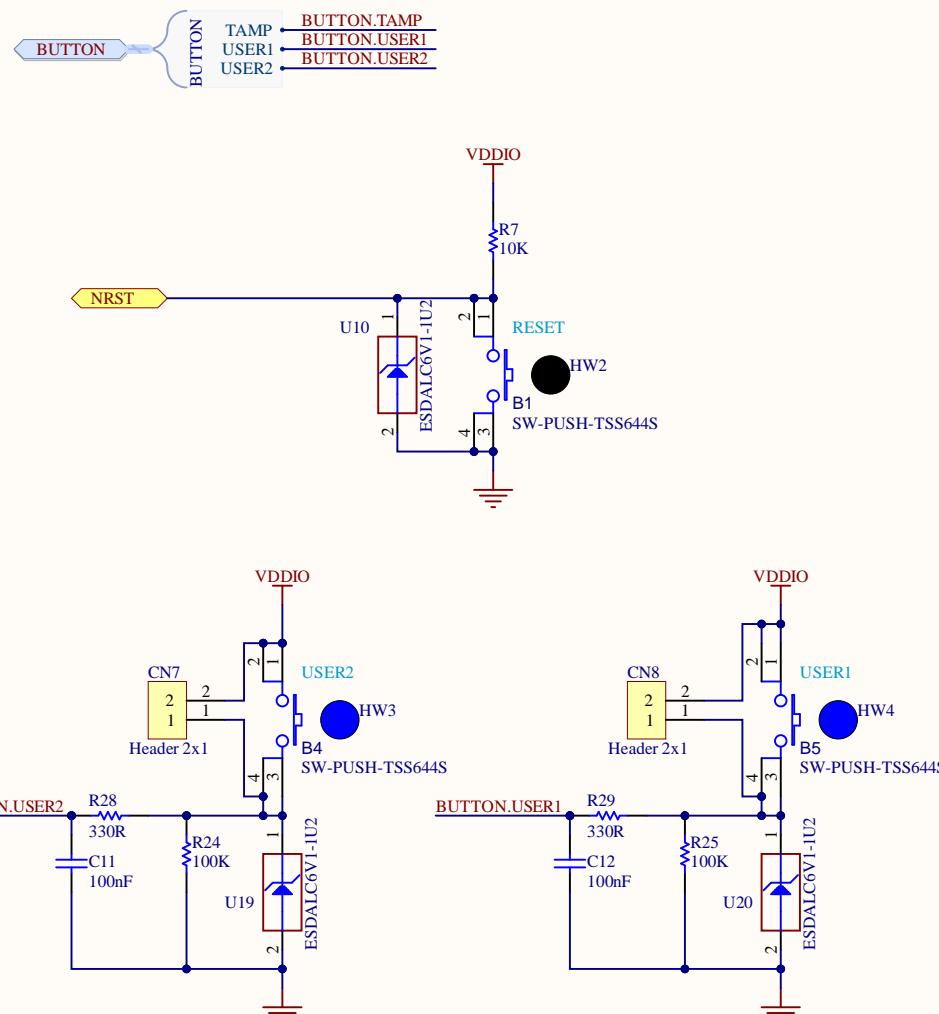
mikroBUS connector



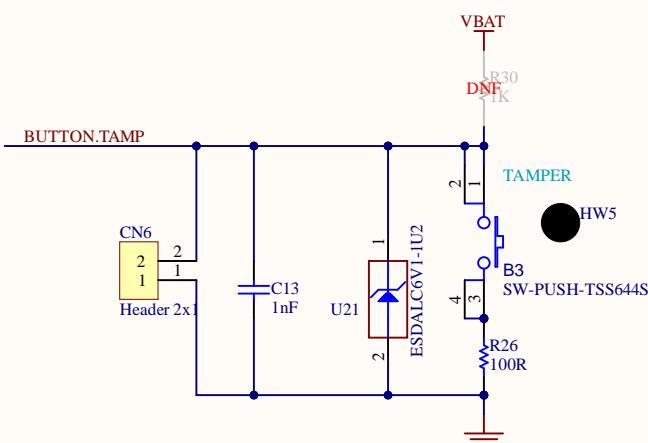
EXPANSION CONNECTOR



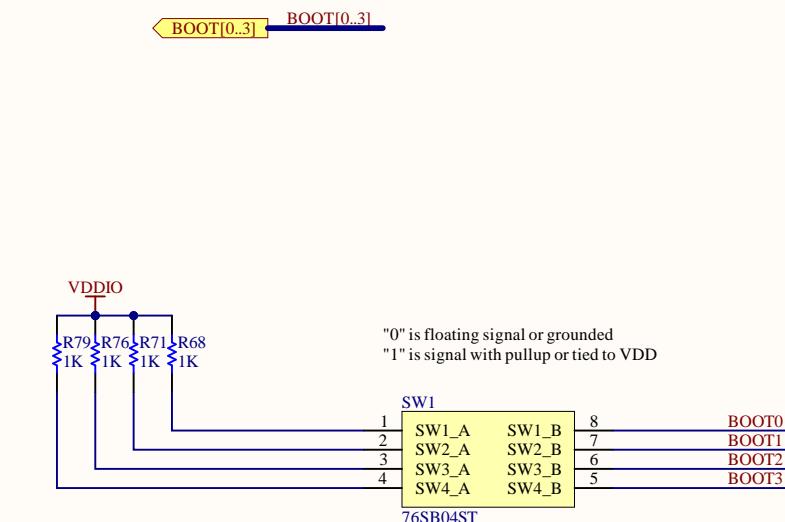
BUTTONS



TAMPER



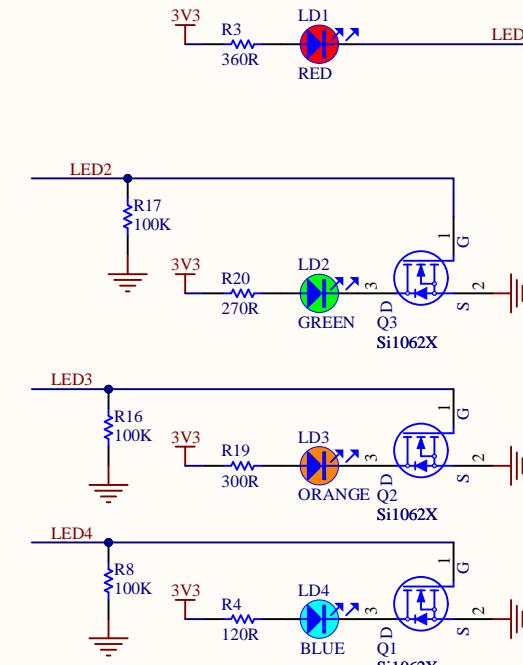
BOOT MODE



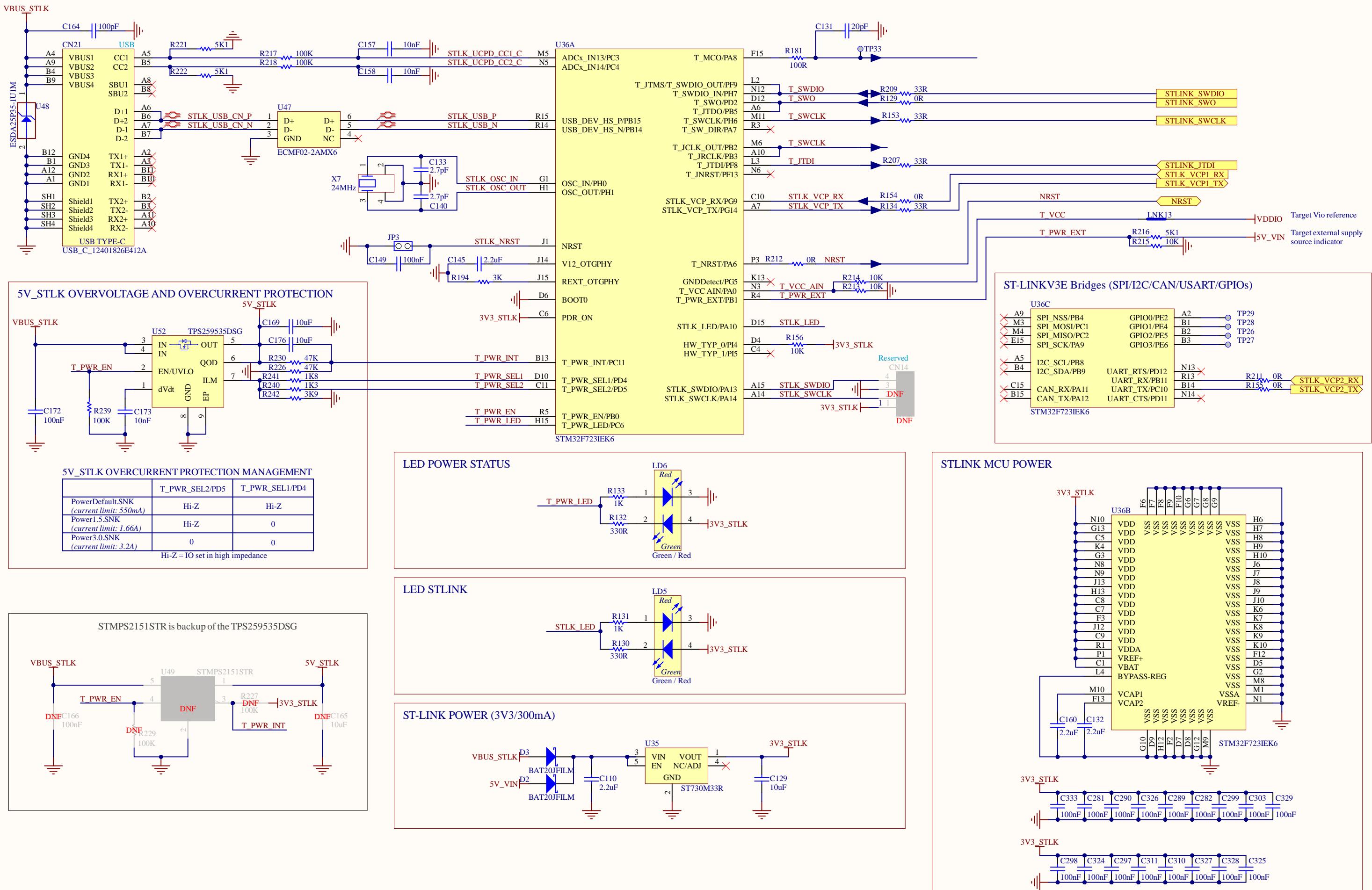
BOOT[3:0]	A35 master	M33 master
'b0000	UART/USB	UART/USB
'b0001	SD-Card	-
'b0010	eMMC	-
'b0011	Development	Development
'b0100	S-NOR	-
'b0101	-	-
'b0110	-	-
'b0111	-	SD-Card
'b1000	-	eMMC
'b1001	-	-
'b1010	-	-
'b1011	-	S-NOR
'b1100	Development	Development
'b1101	-	-
'b1110	-	-
'b1111	UART/USB	UART/USB

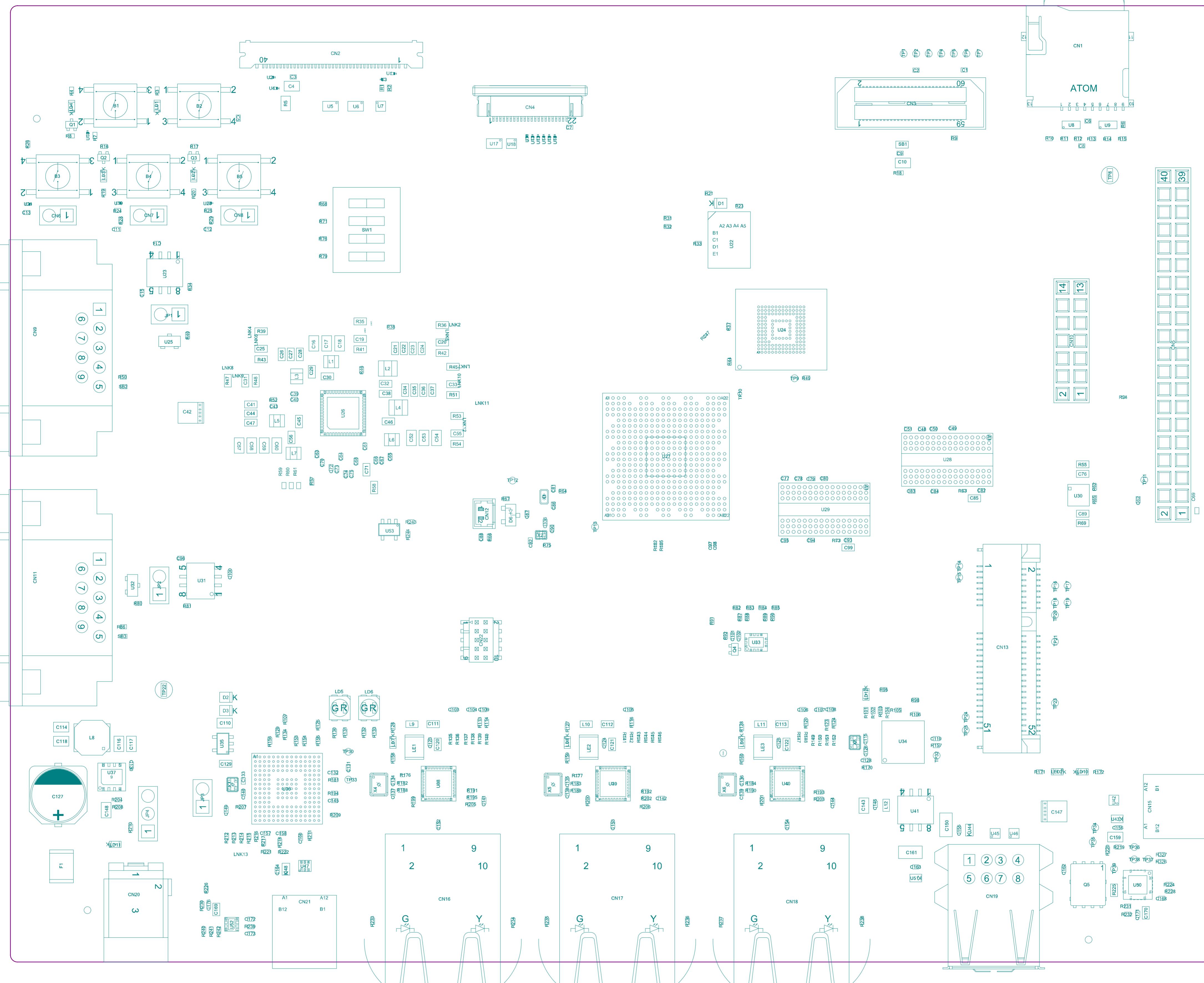
BOOT Sources : Simplified Table
For the complete Table : refer to datasheet

LED



STLINK-V3EC





Project: STM32MP257F-EV1

Layer: M14-Top Assembly

Gerber: .GM14

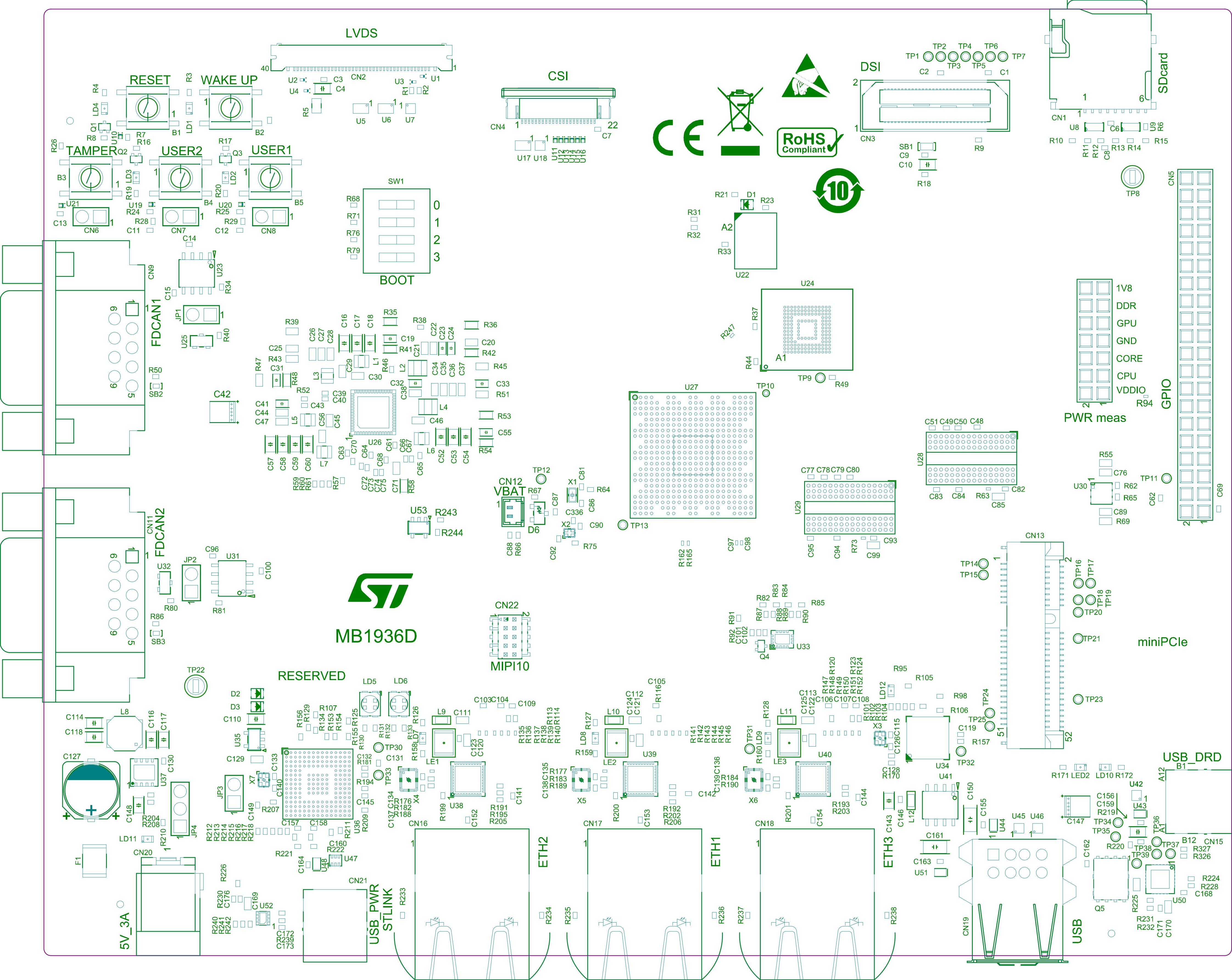
Variant: MP257F_X

Ref: MB1936

Date: 16-MAY-24

Rev: D





Top Overlay

.GTO

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