

STM32MP257-DK

MB1605

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Legend

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

Text to be added to silkscreen.

Warning text.

Notes to generate the board layout.

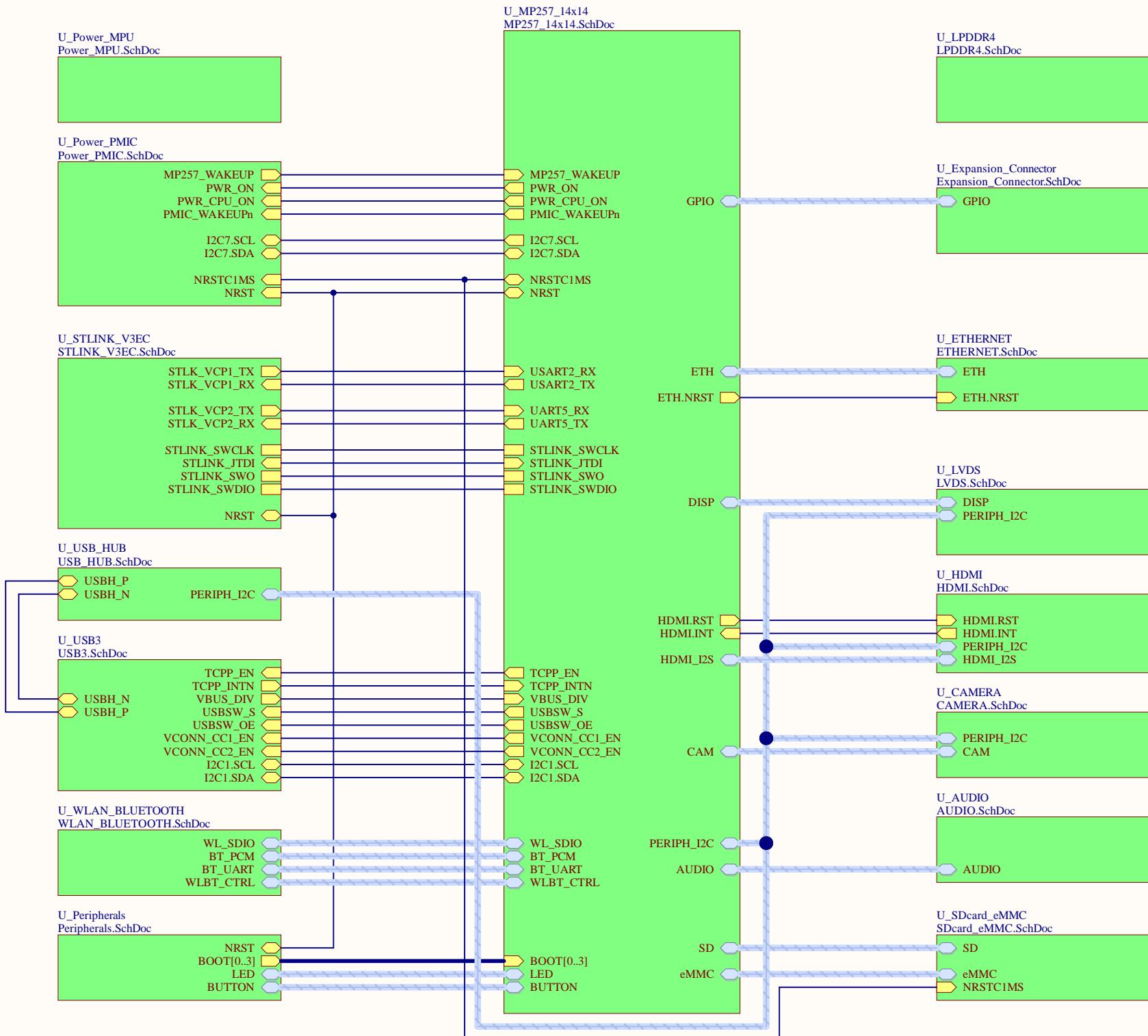
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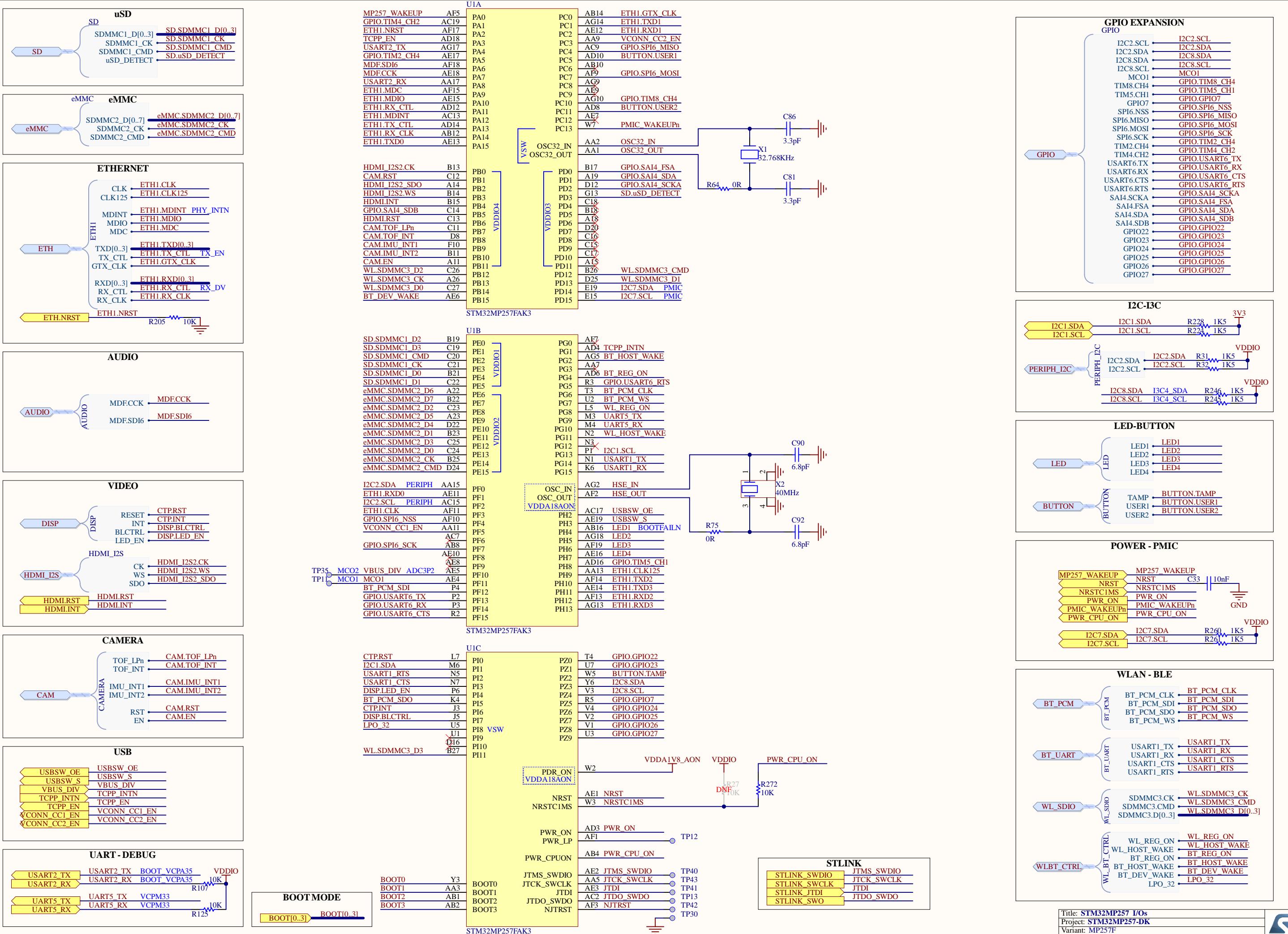
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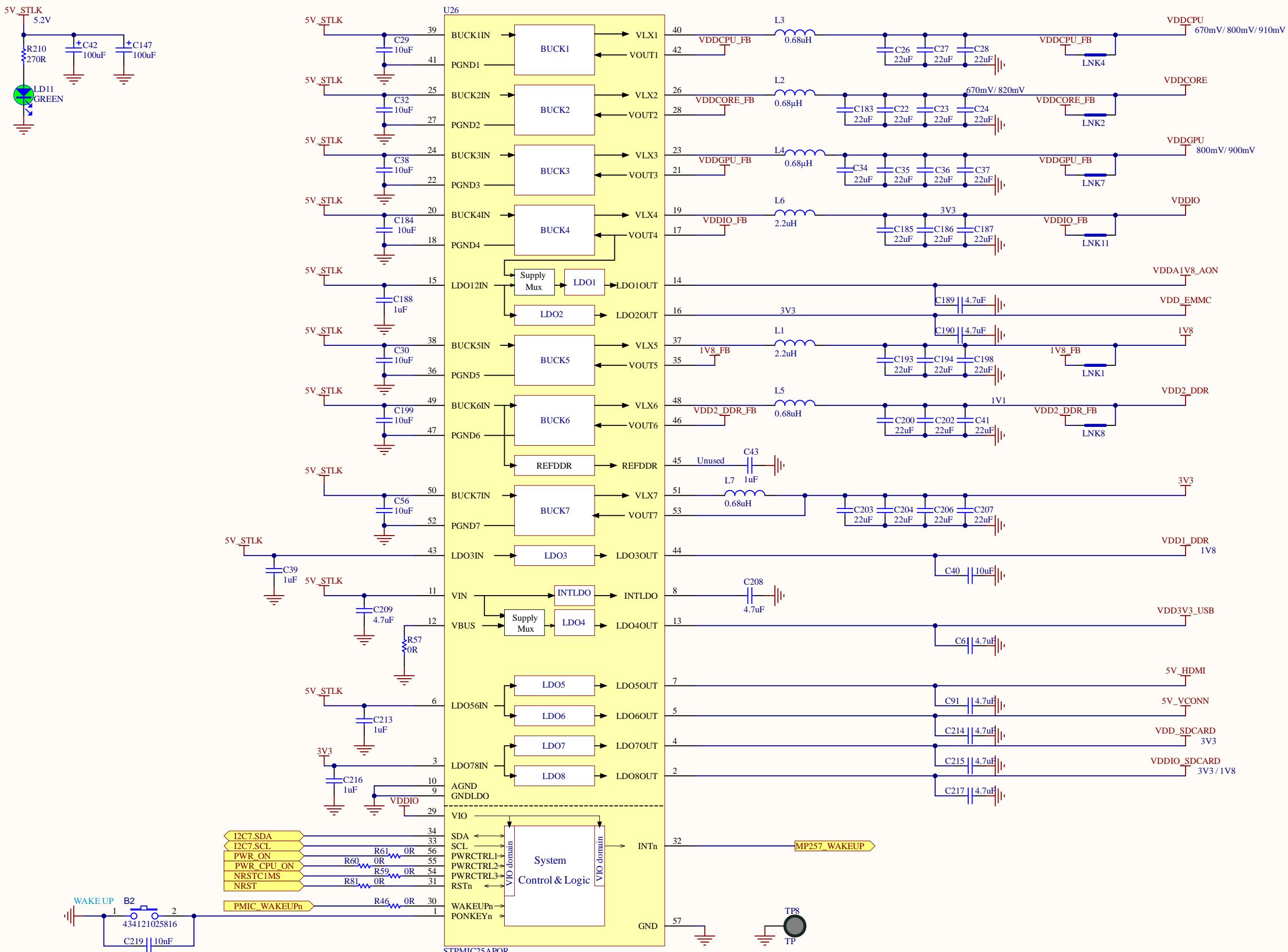
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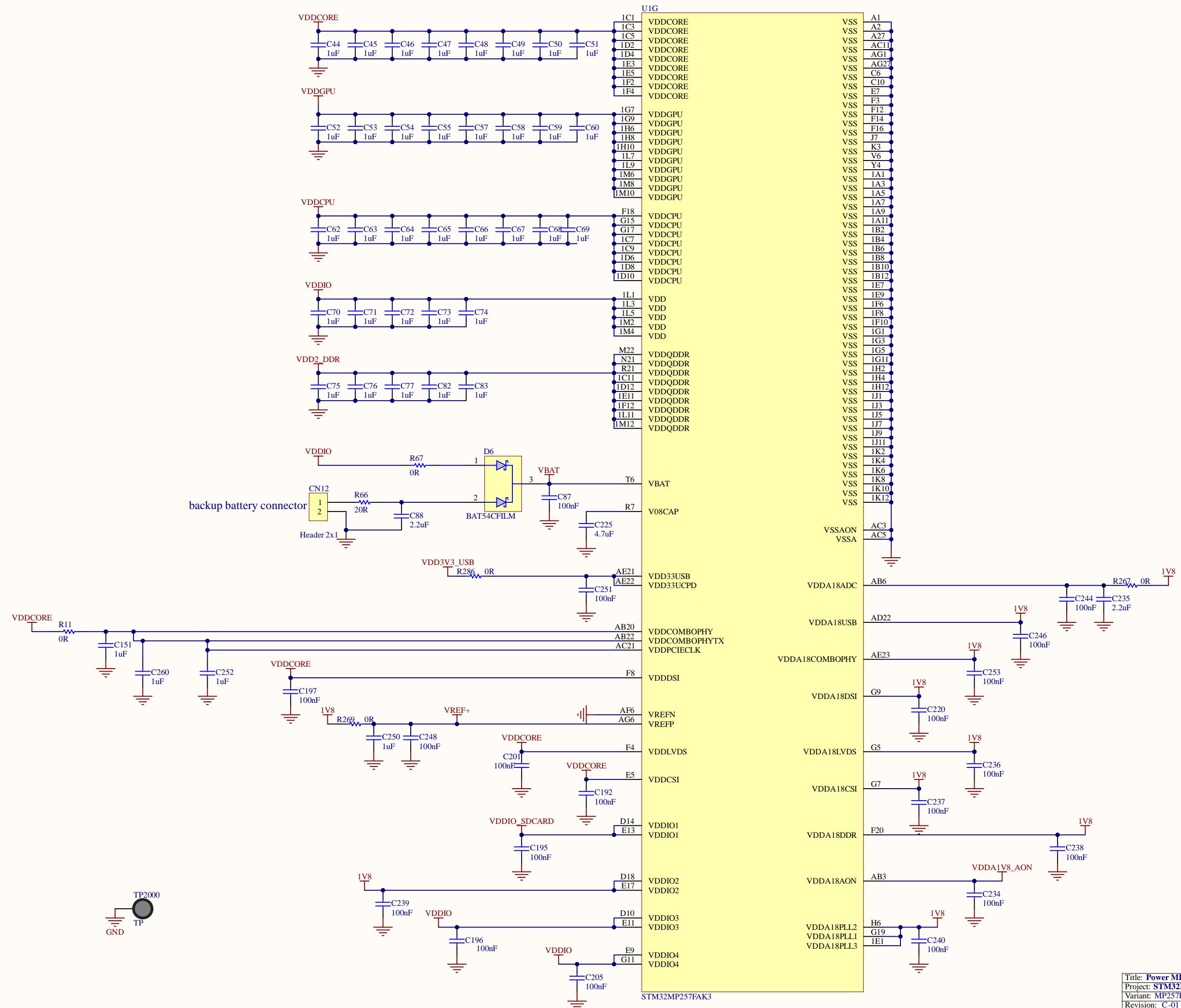
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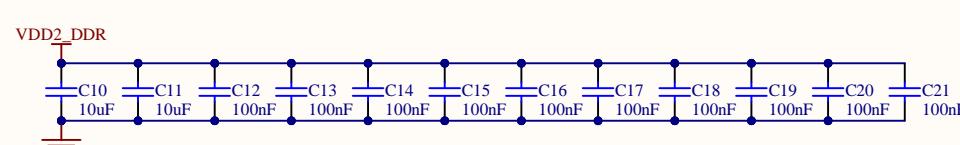
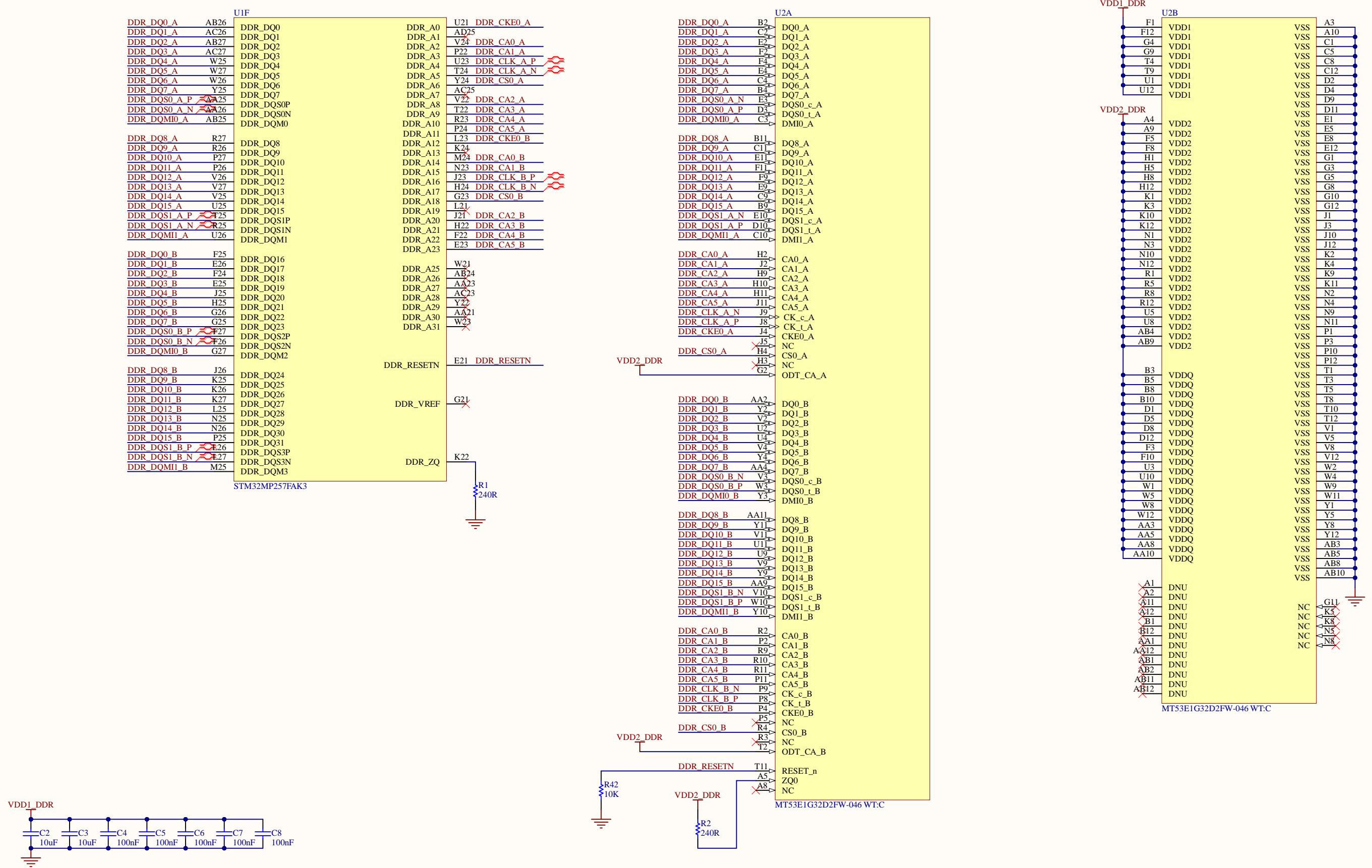
U_MB1605-TOP
MB1605-TOP.SchDoc



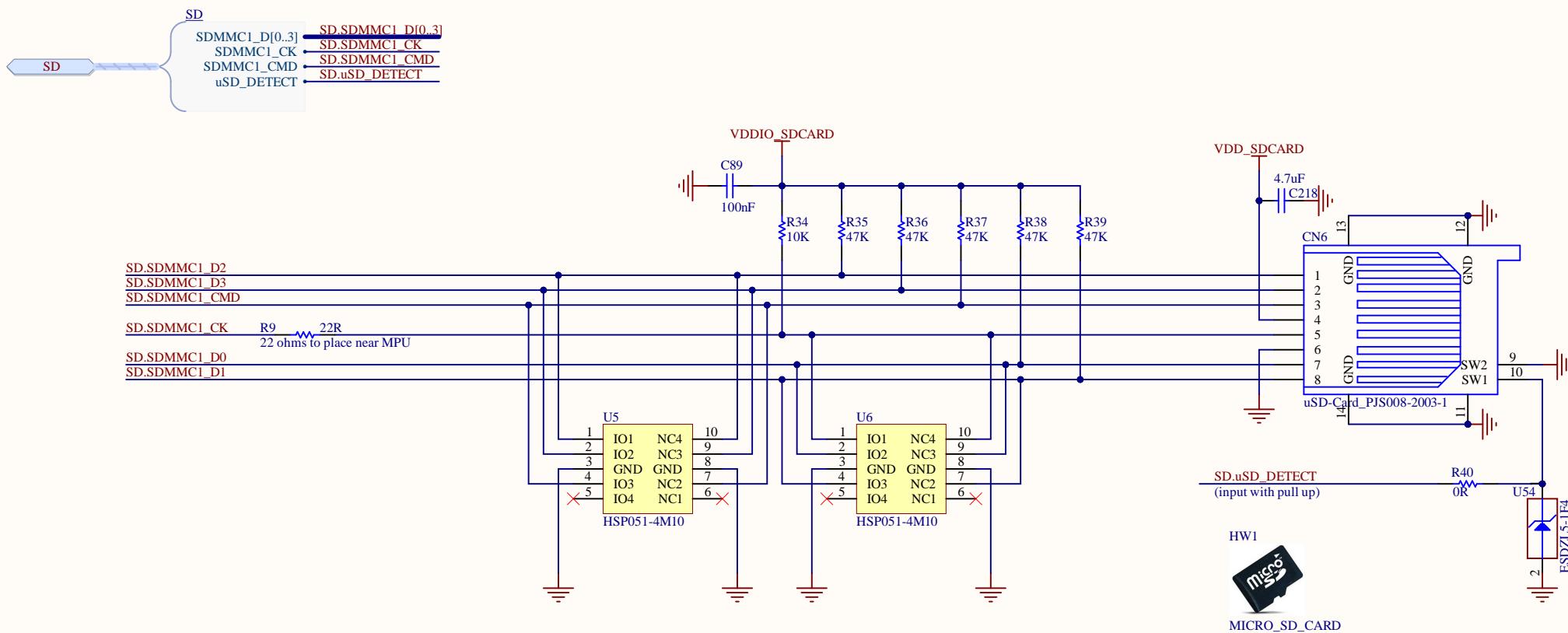




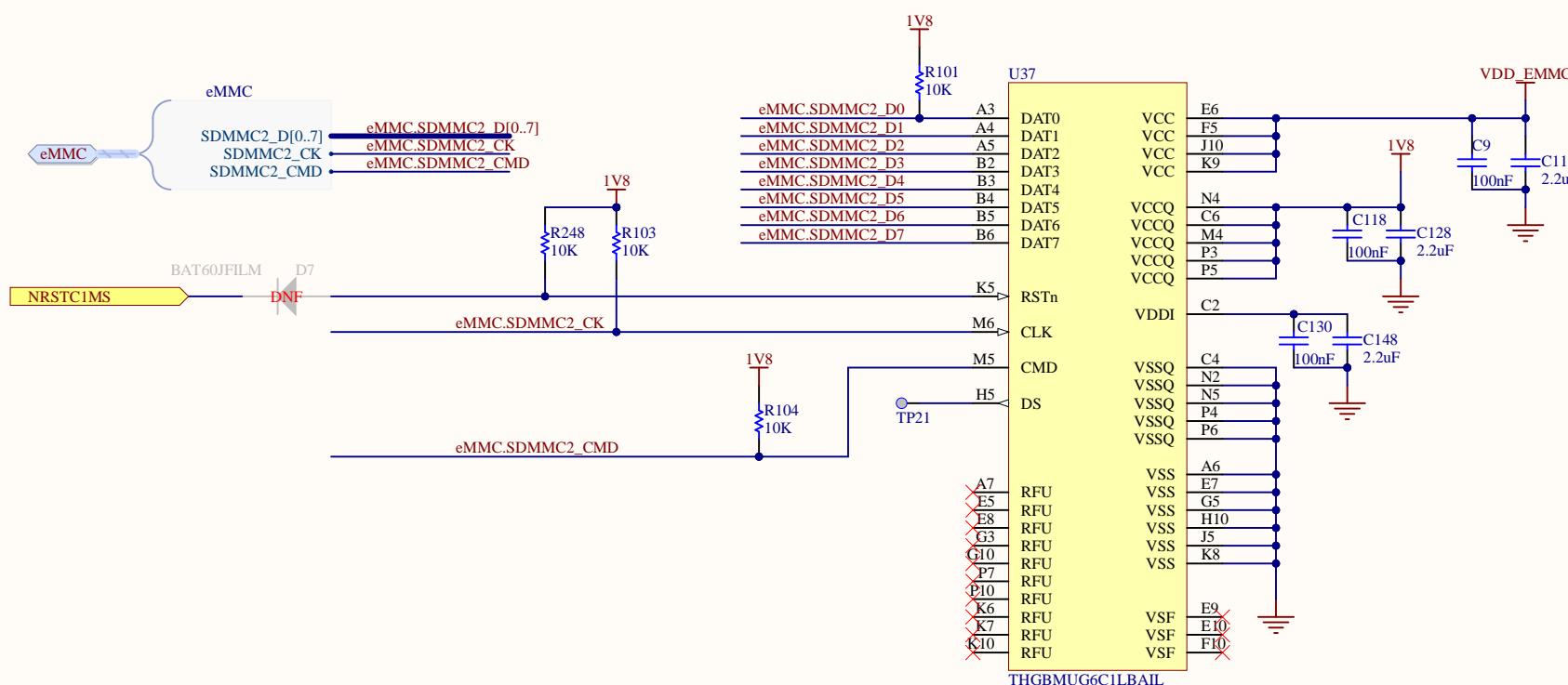




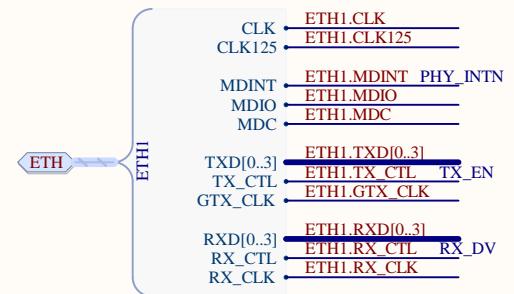
MICRO SD CARD



eMMC



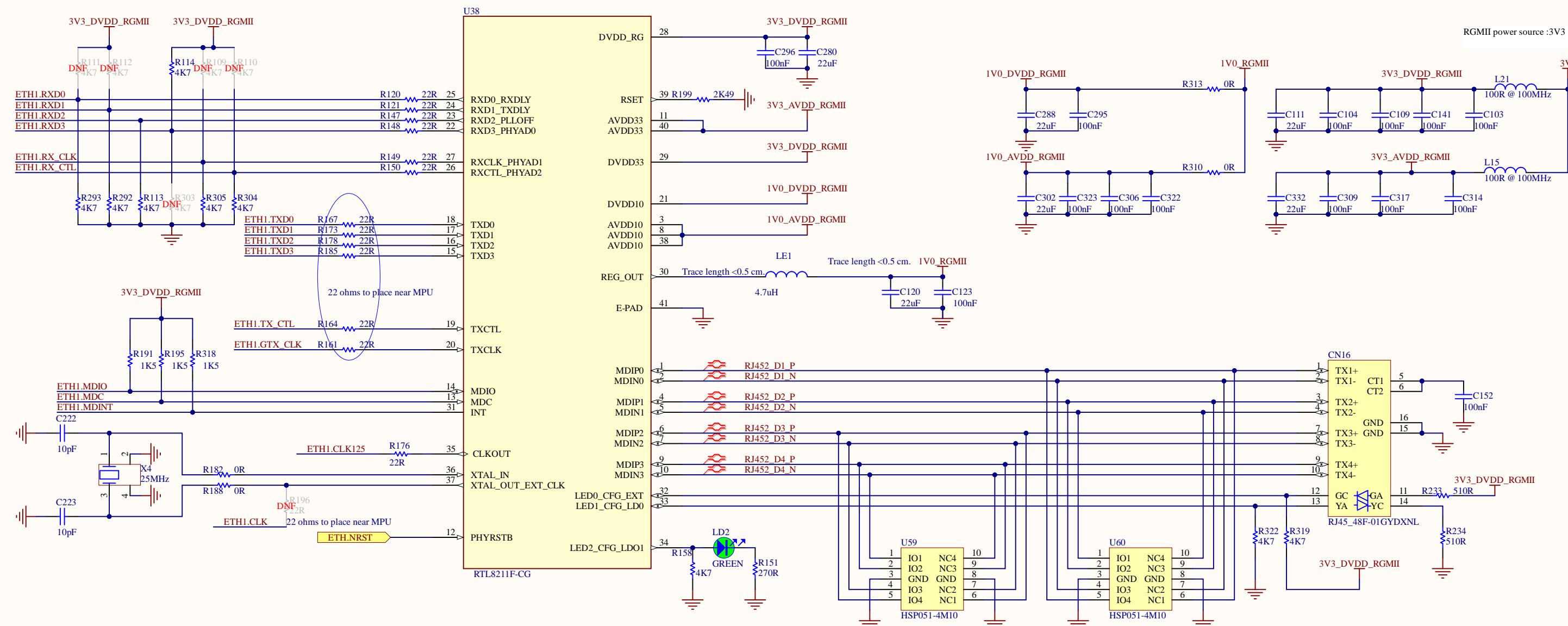
RGMII ETH



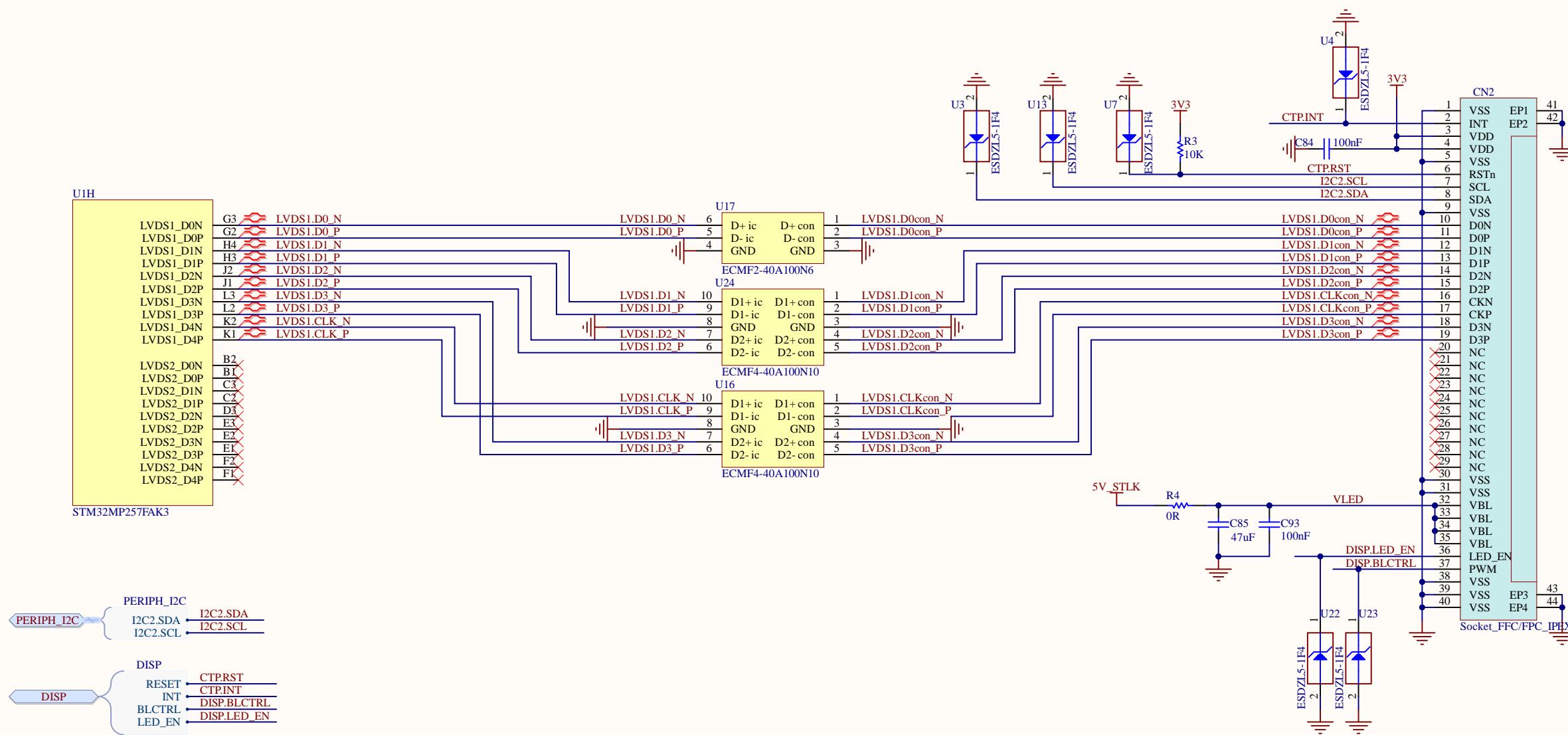
TXC / RXC : no 2ns delays

PHY Address :

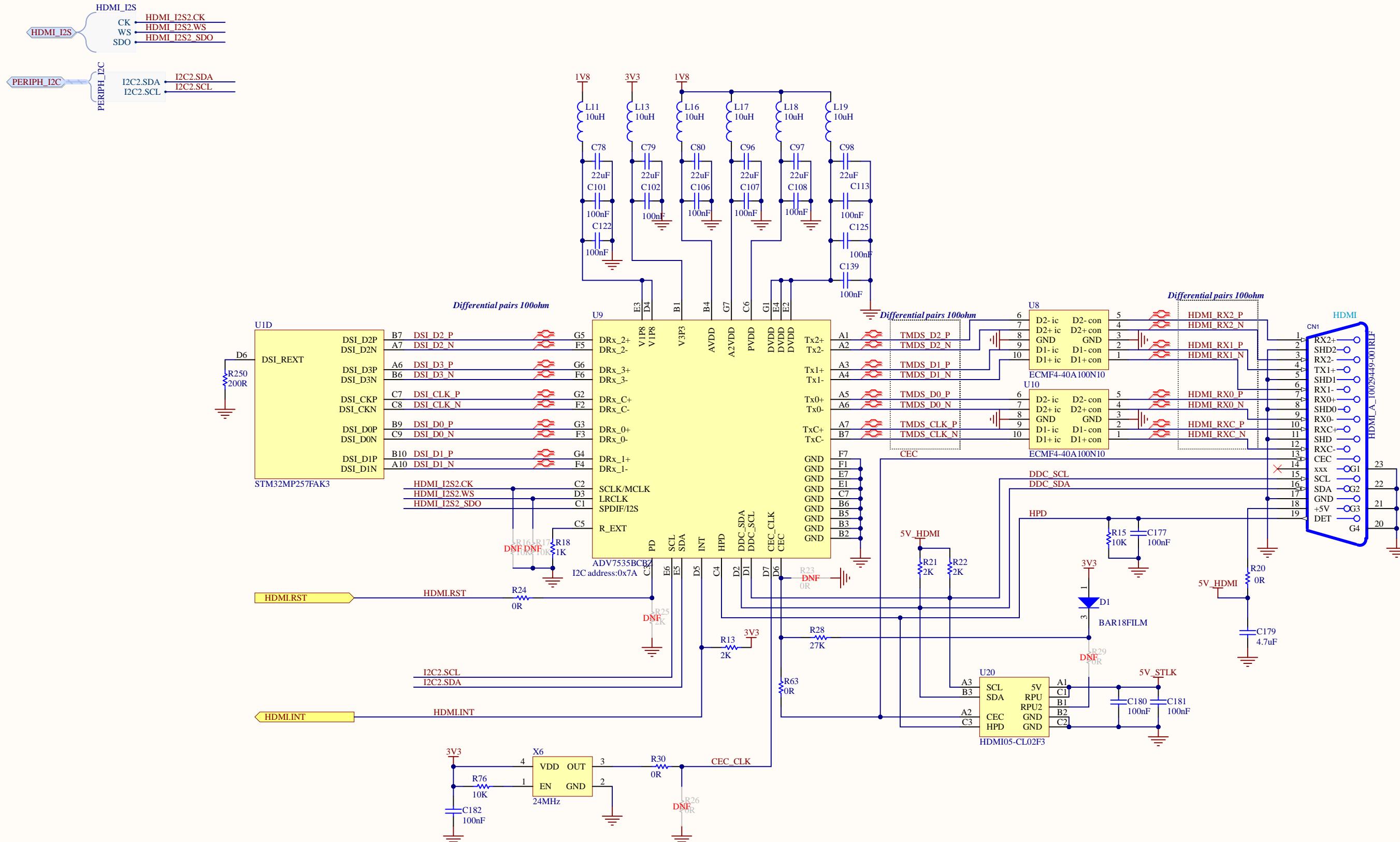
FFF Address :
AD[2:0] : 001 (0x01) default



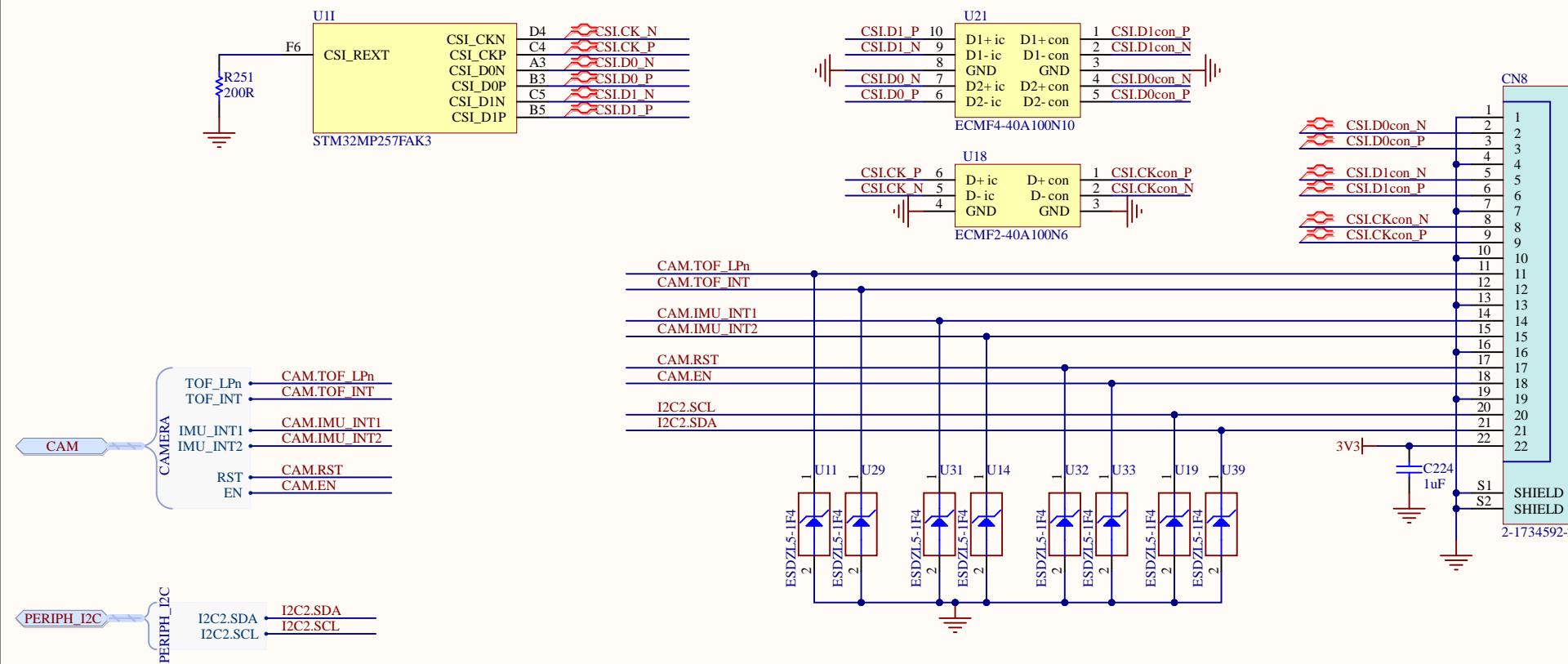
LVDS



DSI / HDMI ADAPTER

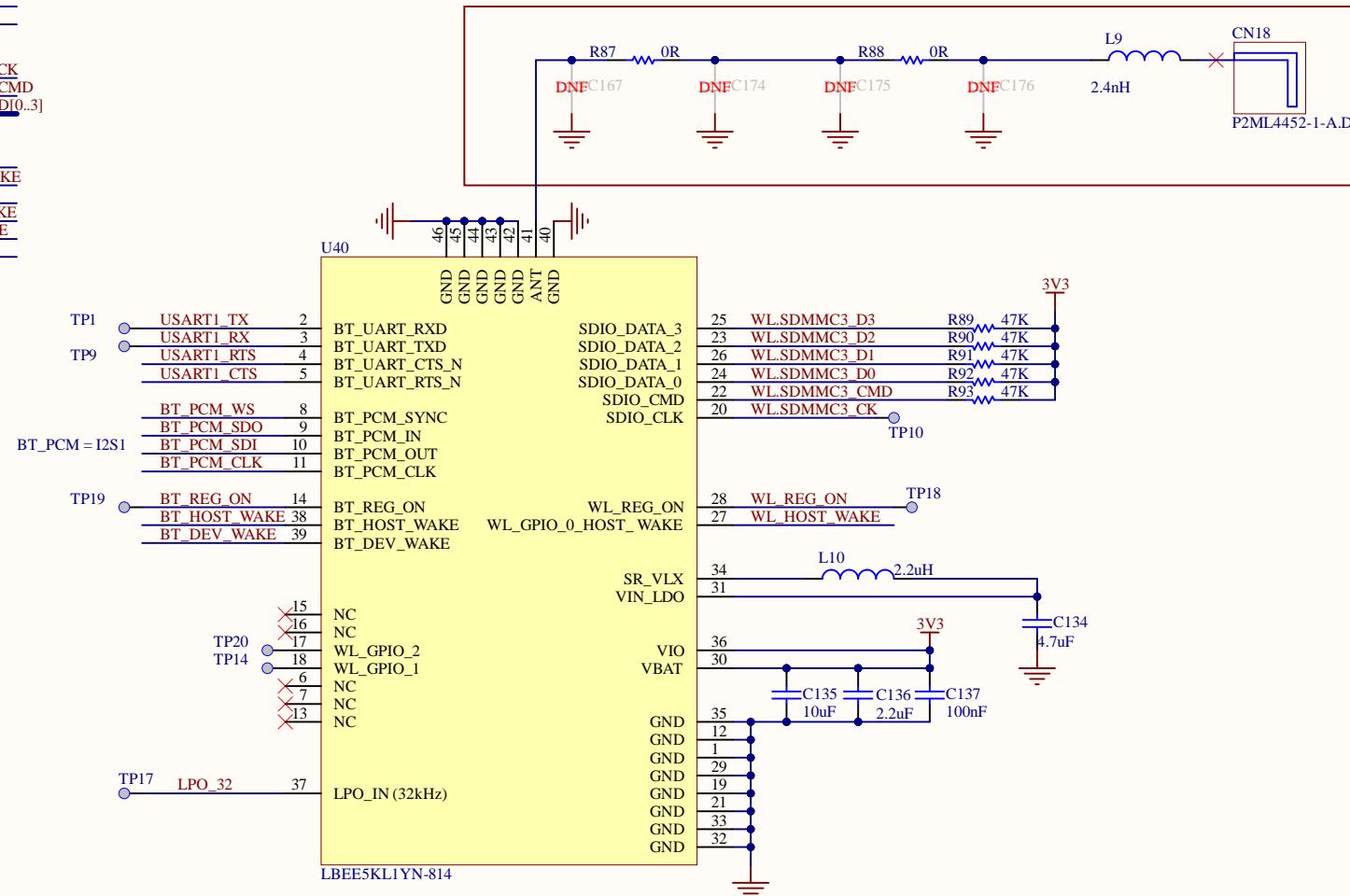
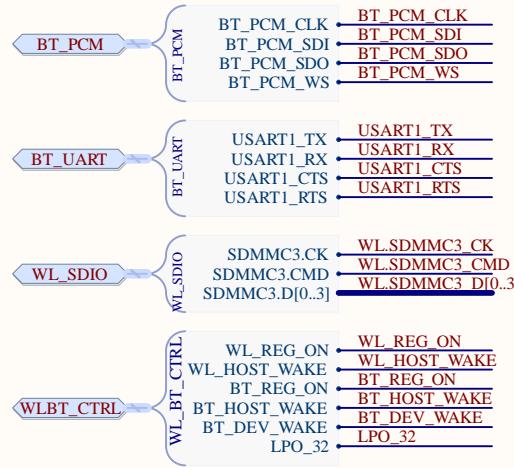


AI CAMERA



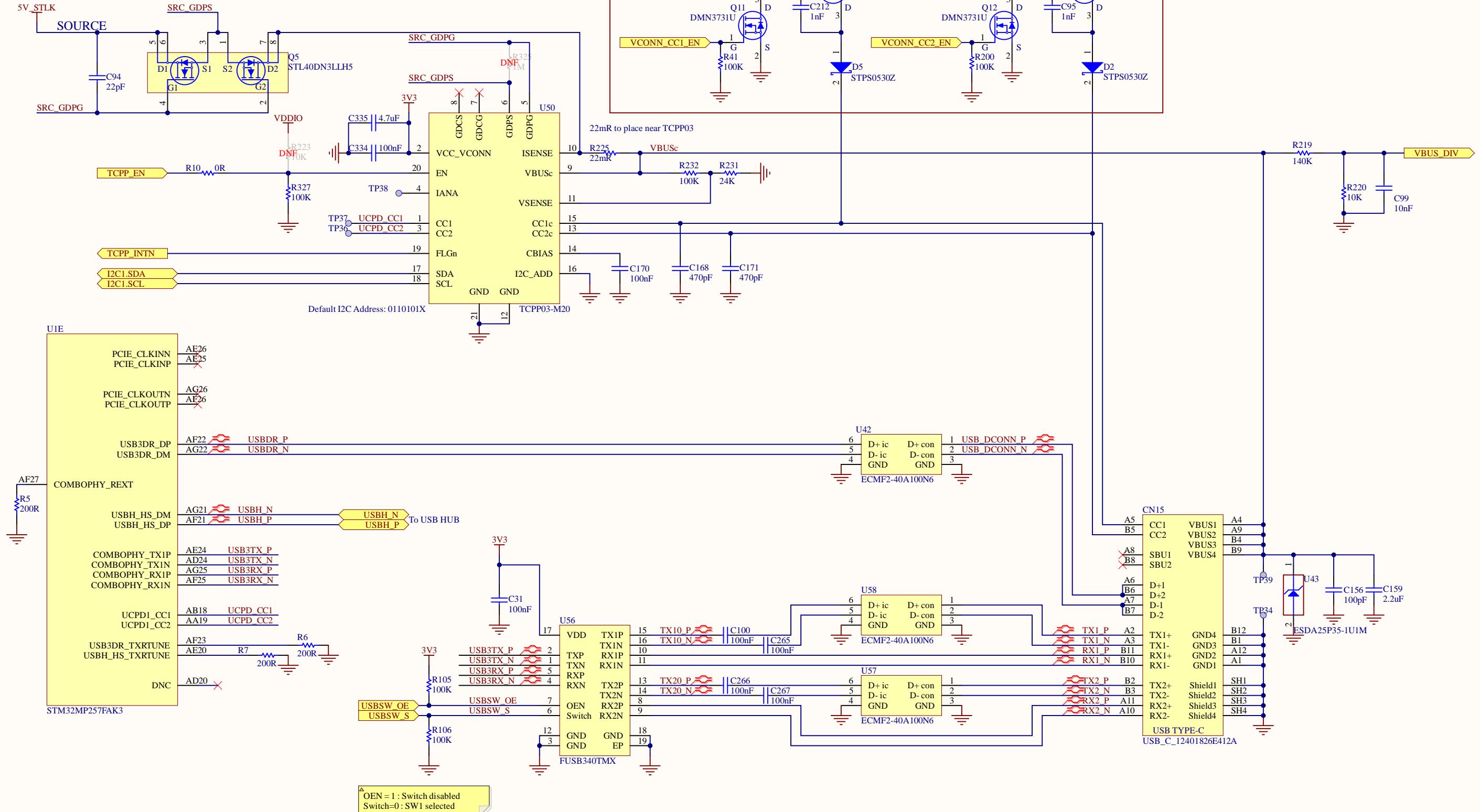
Title: CAMERA	
Project: STM32MP257-DK	
Variant: MP257F	
Revision: C-01	
Size: A4	Date: 03-JUN-24
Reference: MB1605	Sheet: 11 of 18



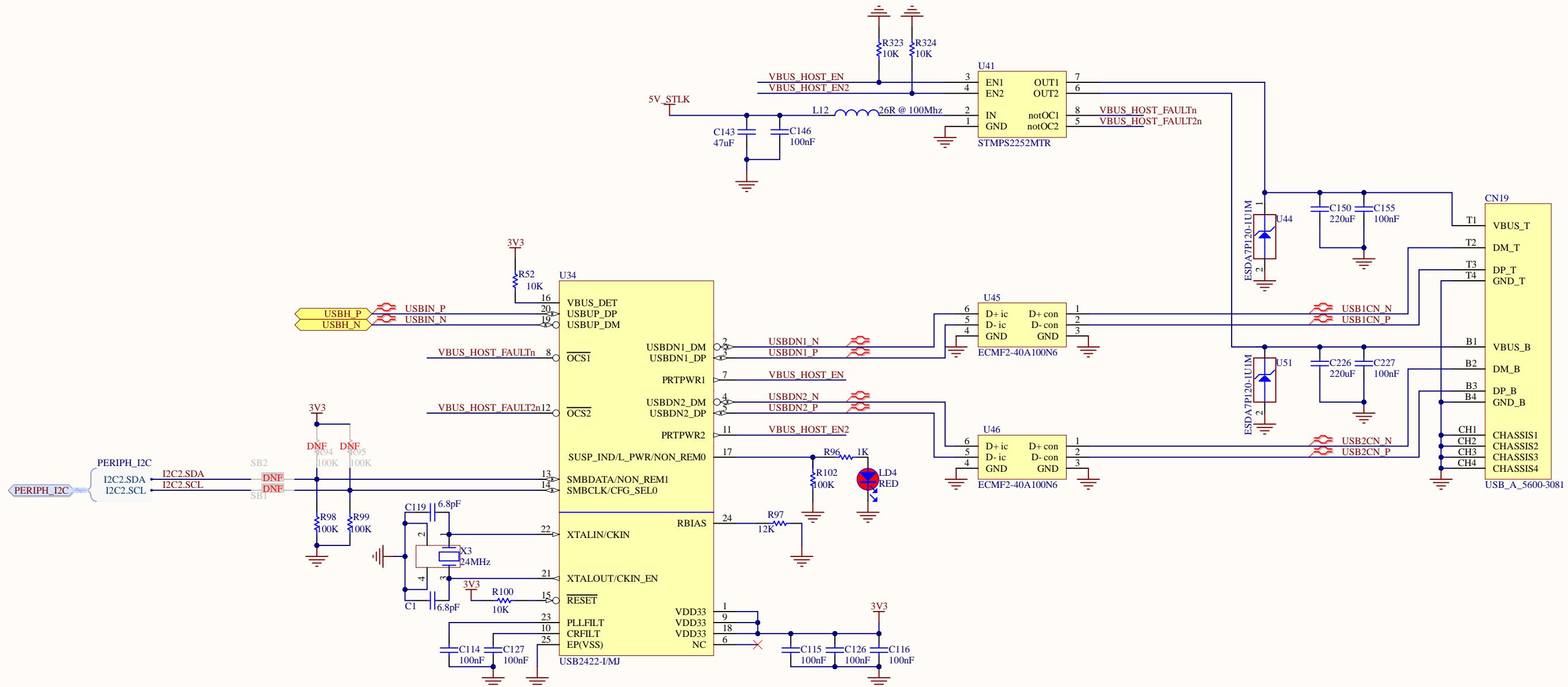


USB3_DRD

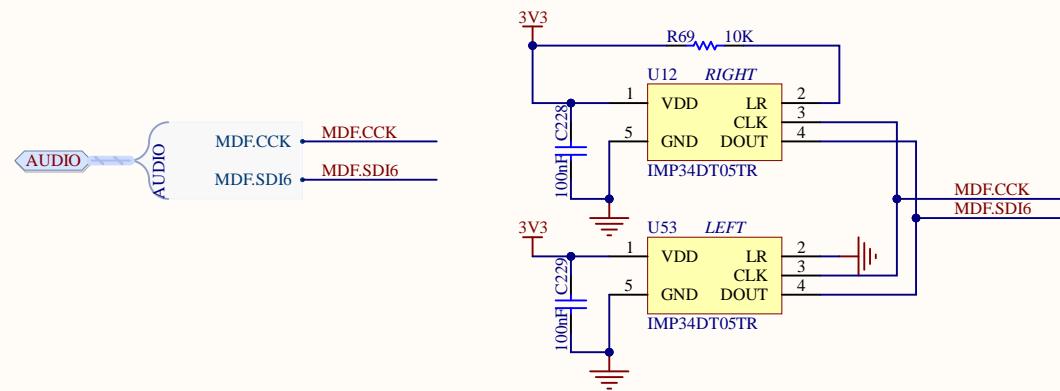
Source/Sink(with sink current=0)



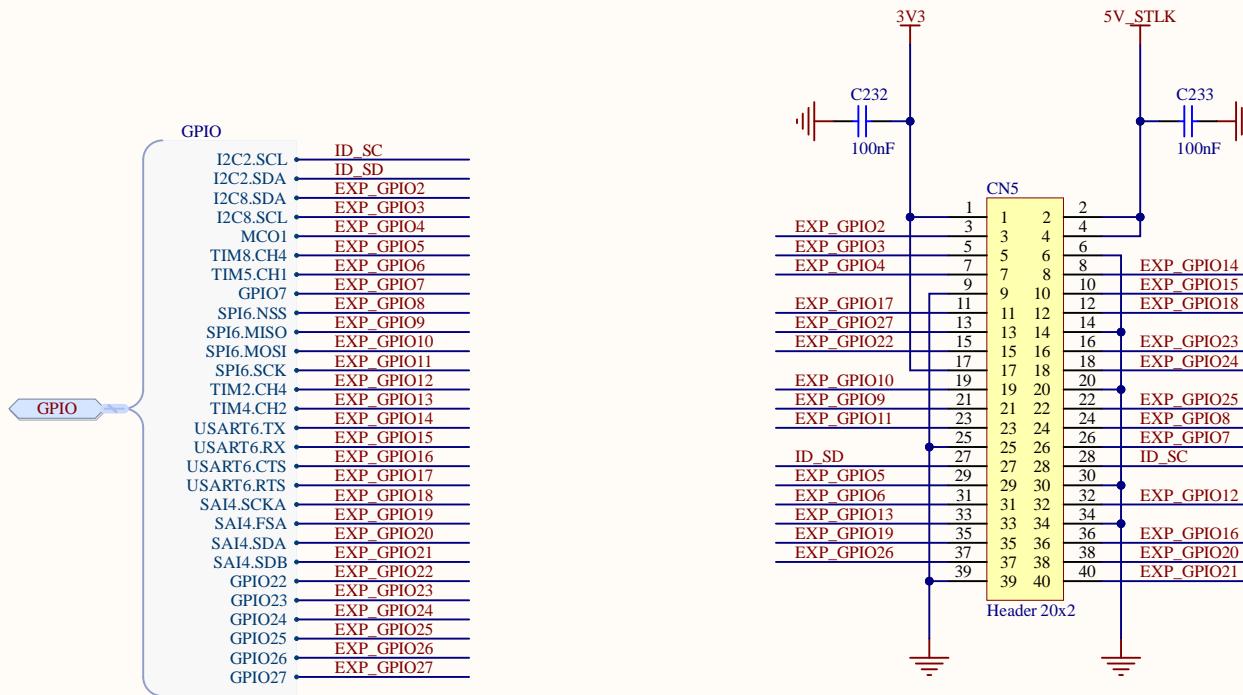
USB_HUB type A



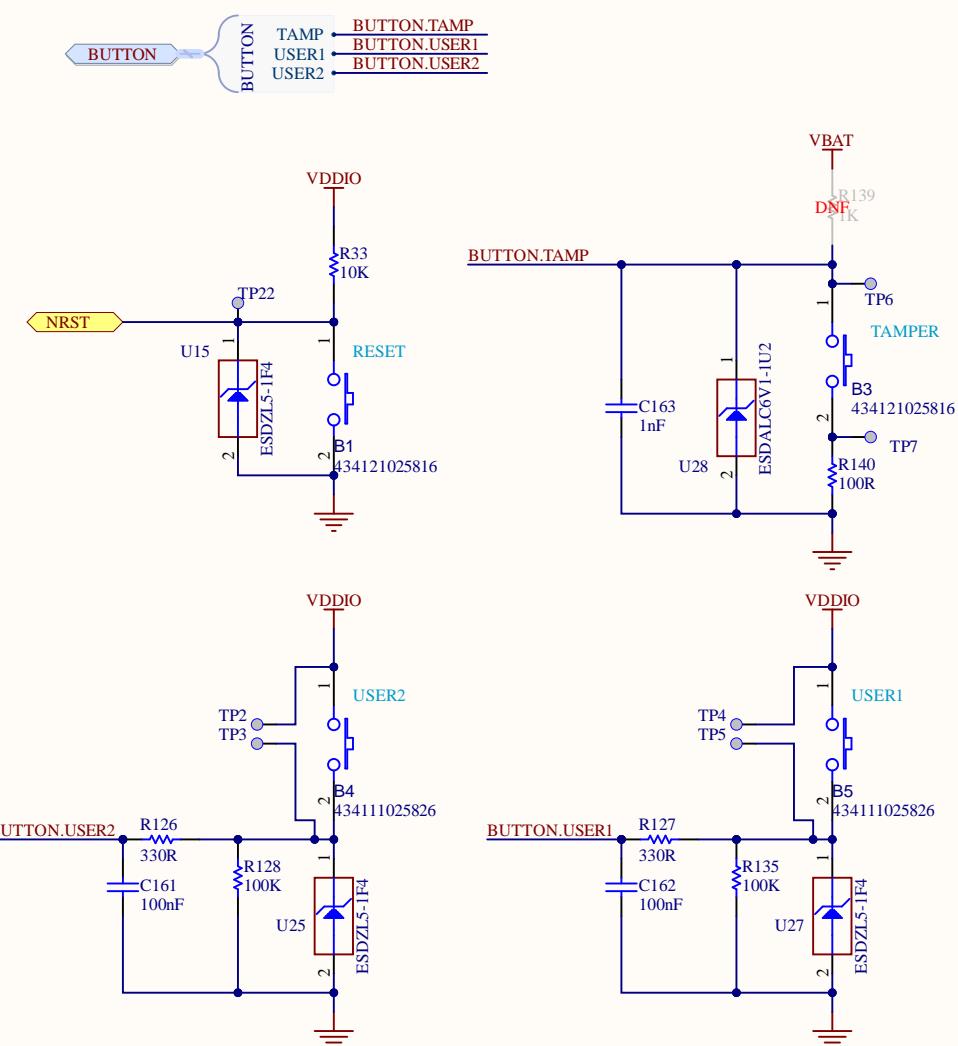
AUDIO



EXPANSION CONNECTOR



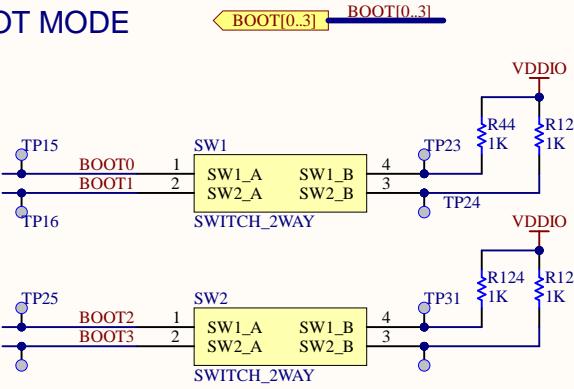
BUTTONS



HW1302
BOARD CPN
Sticker product

HW1303
BOARD REF
Sticker board

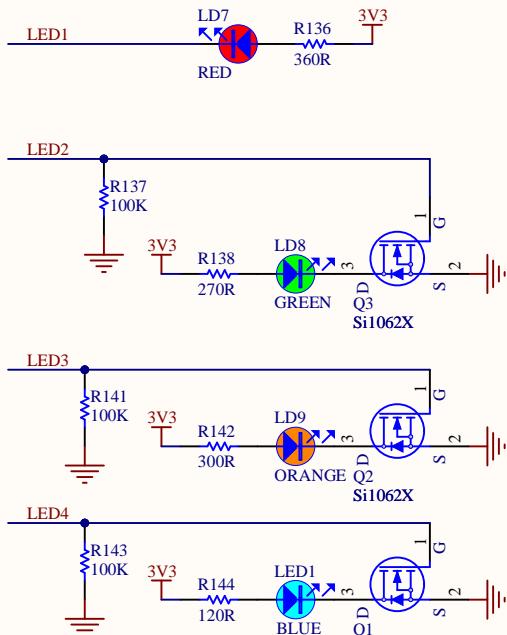
BOOT MODE



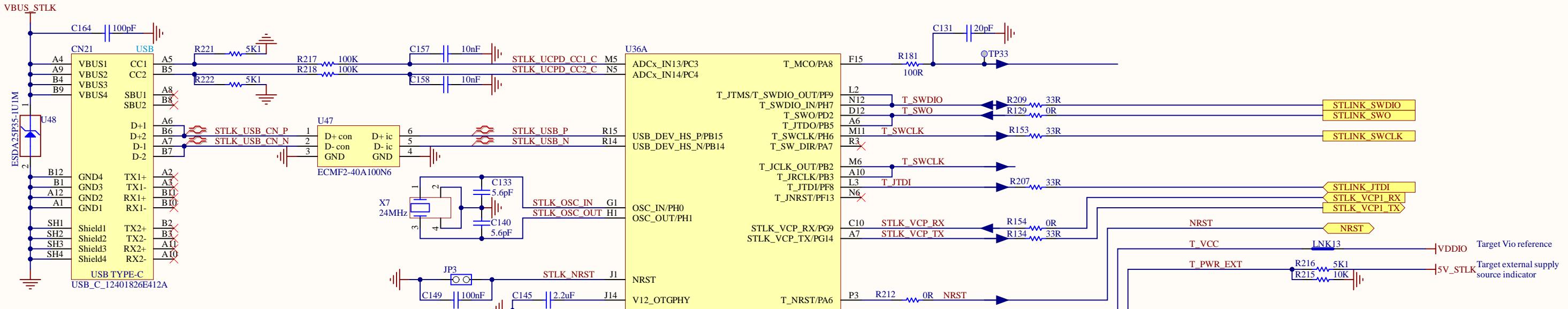
BOOT[3:0]	A35 master	M33 master
'b0000	UART/USB	UART/USB
'b0001	SD-Card	-
'b0010	eMMC	-
'b0011	Development	Development
'b0100	S-NOR	-
'b0101	-	-
'b0110	-	-
'b0111	-	SD-Card
'b1000	-	eMMC
'b1001	-	-
'b1010	-	-
'b1011	-	S-NOR
'b1100	Development	Development
'b1101	-	-
'b1110	-	-
'b1111	UART/USB	UART/USB

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

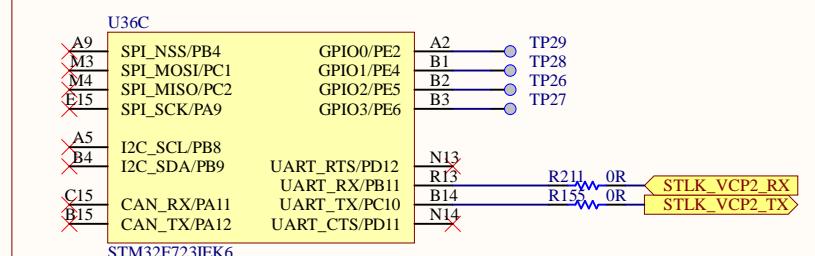
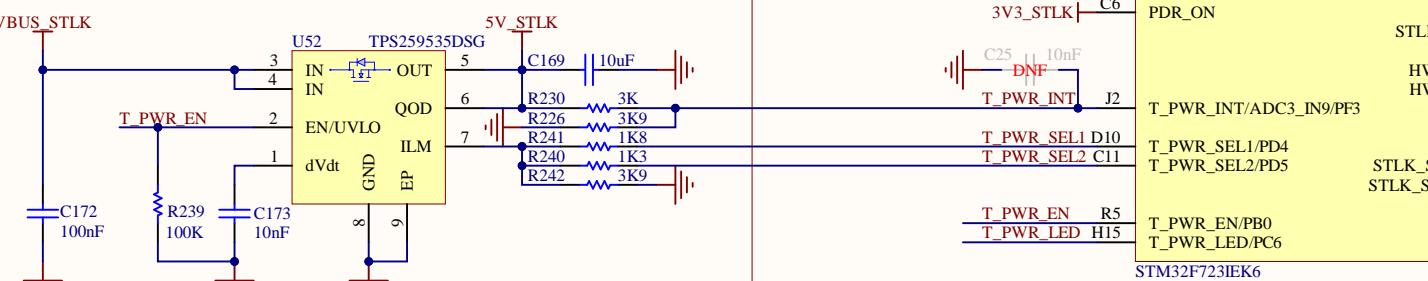
LED



STLINK-V3EC



5V_STLK OVERVOLTAGE AND OVERCURRENT PROTECTION

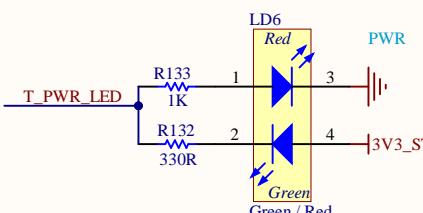


5V_STLK OVERCURRENT PROTECTION MANAGEMENT

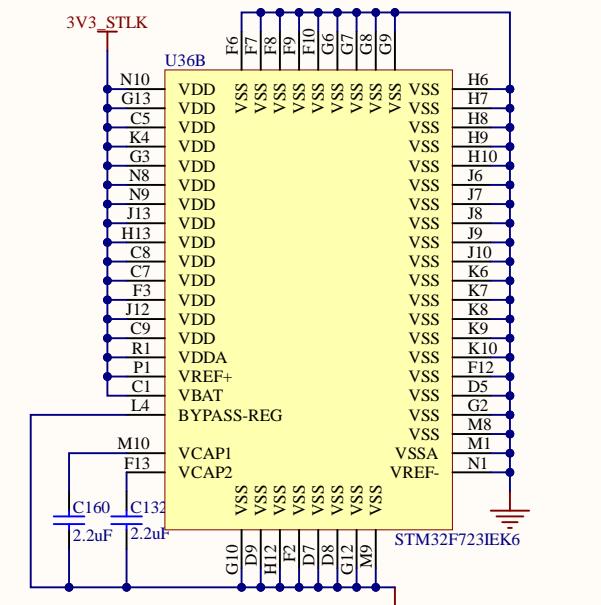
	T_PWR_SEL2/PD5	T_PWR_SEL1/PD4
PowerDefault.SNK (current limit: 550mA)	Hi-Z	Hi-Z
Power1.5.SNK (current limit: 1.66A)	Hi-Z	0
Power3.0.SNK (current limit: 3.2A)	0	0

Hi-Z = IO set in high impedance

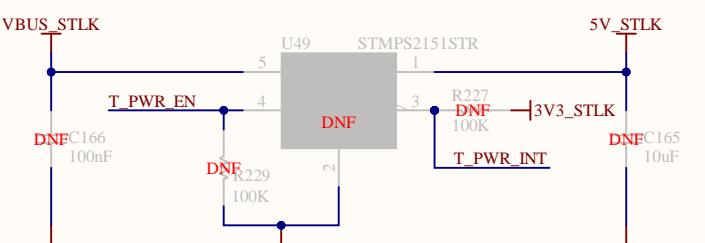
LED POWER STATUS



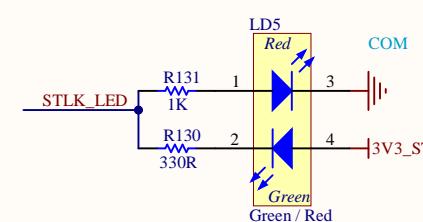
STLINK MCU POWER



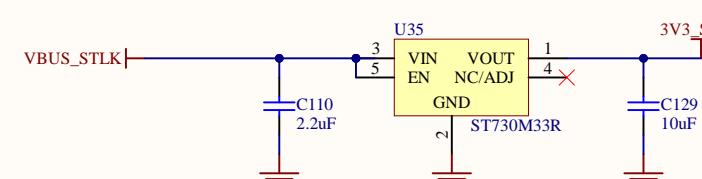
STMPS2151STR is backup of the TPS259535DSC

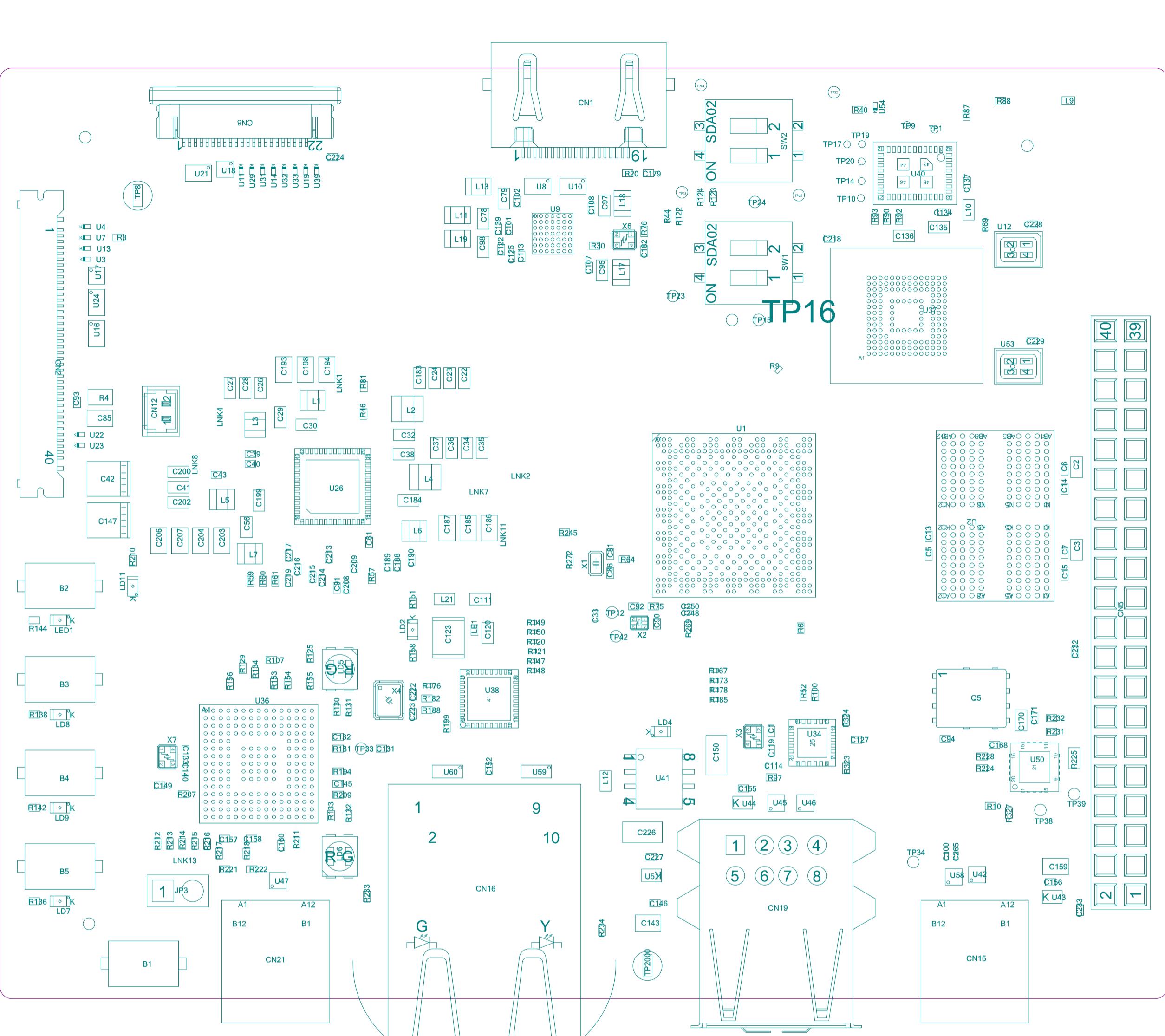


LED STLIN



ST-LINK POWER (3V3/300mA)





Project: STM32MP257-DK

Layer: Top Assembly

Gerber: .GM14

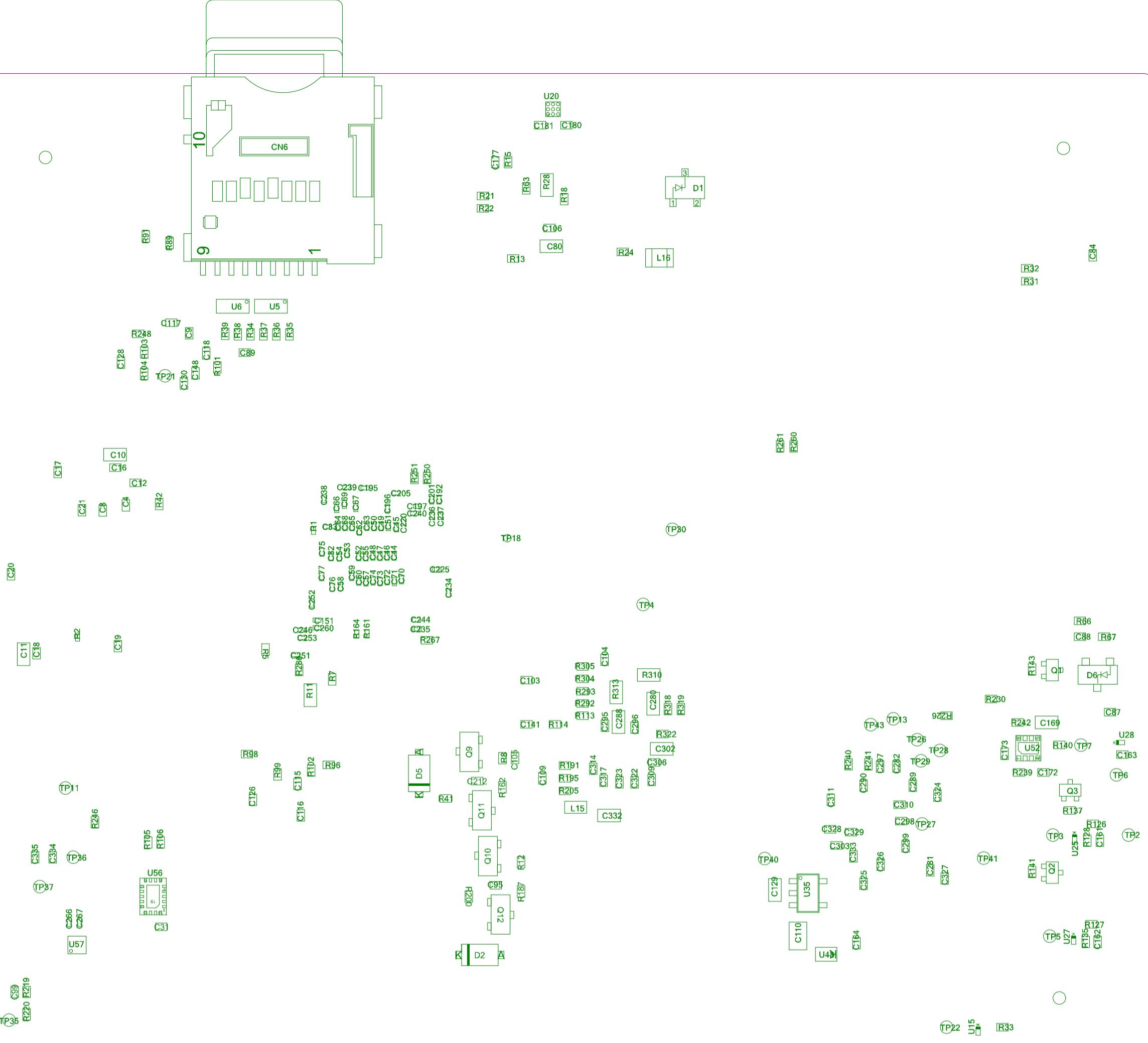
Variant: MP257F

Ref: MB1605

Date: 03-JUN-24

Rev: C





Project: STM32MP257-DK

Layer: Bottom Assembly

Gerber:.GM15

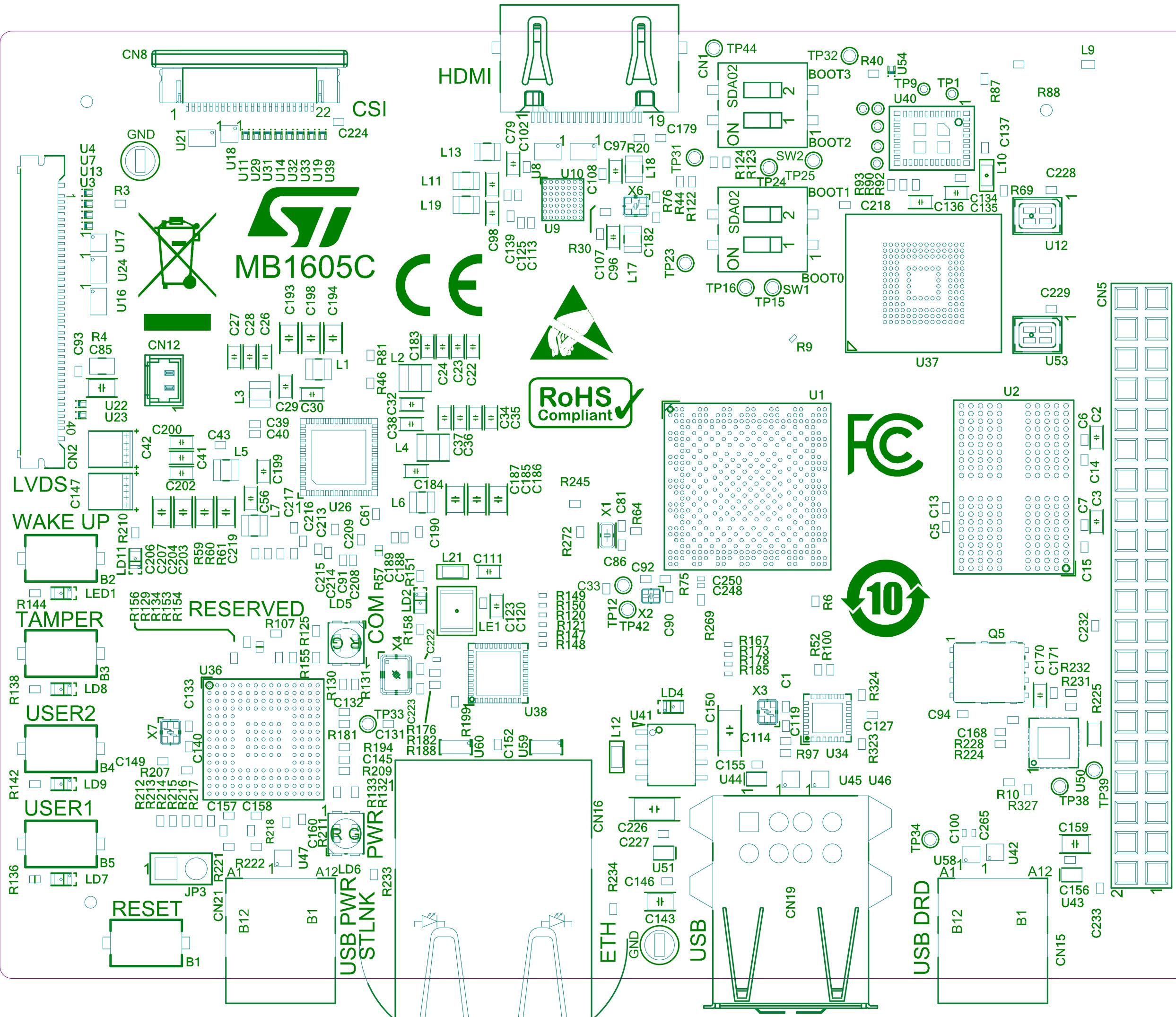
Variant: MP257F

Ref: MB1605

Date: 03-JUN-24

Rev: C





Top Overlay

.GTO

