

STM32F746G-DISCO

MB1191

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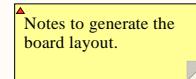
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Legend

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

Text to be added to silkscreen.

Warning text.



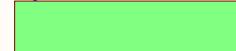
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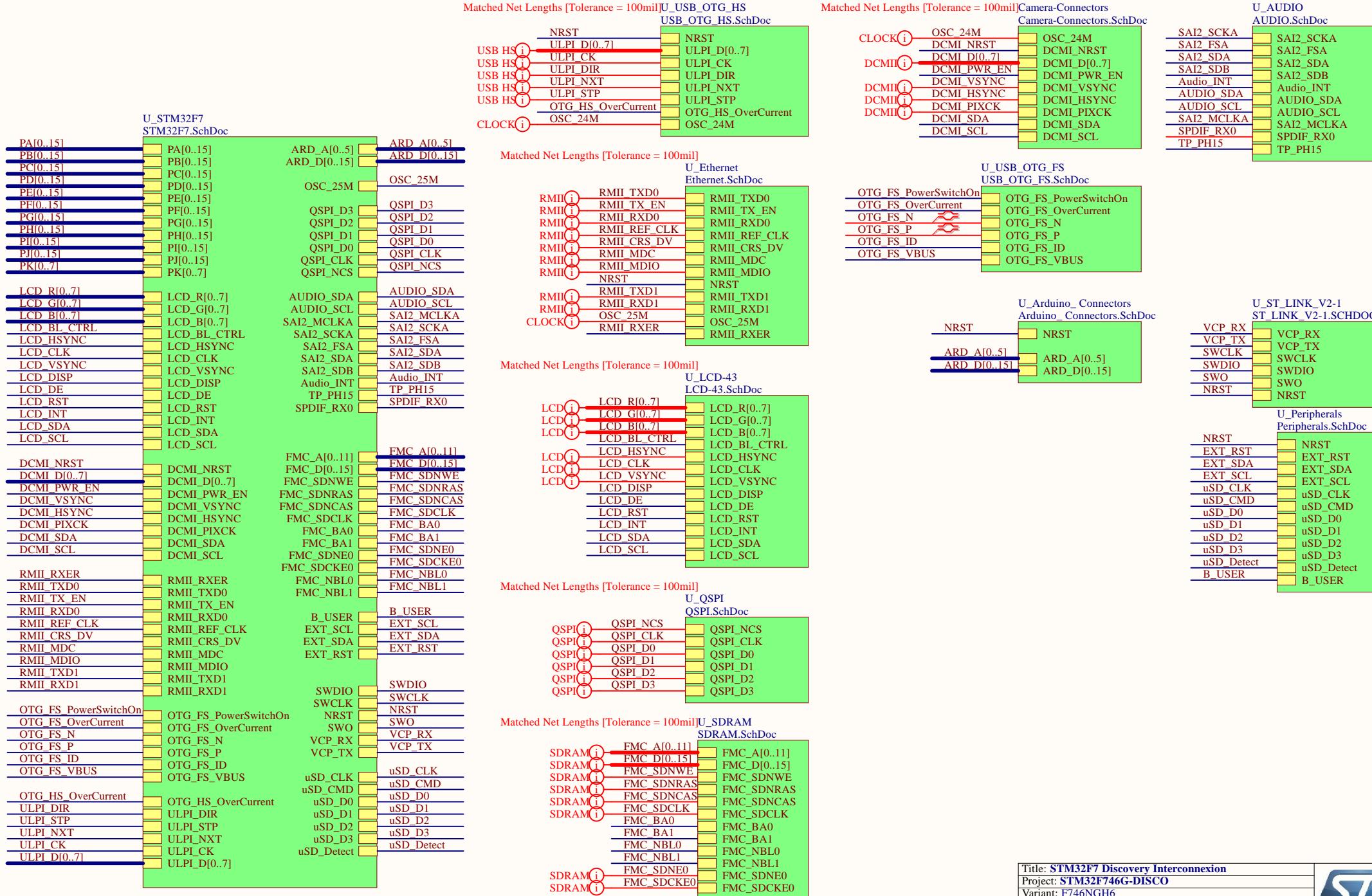
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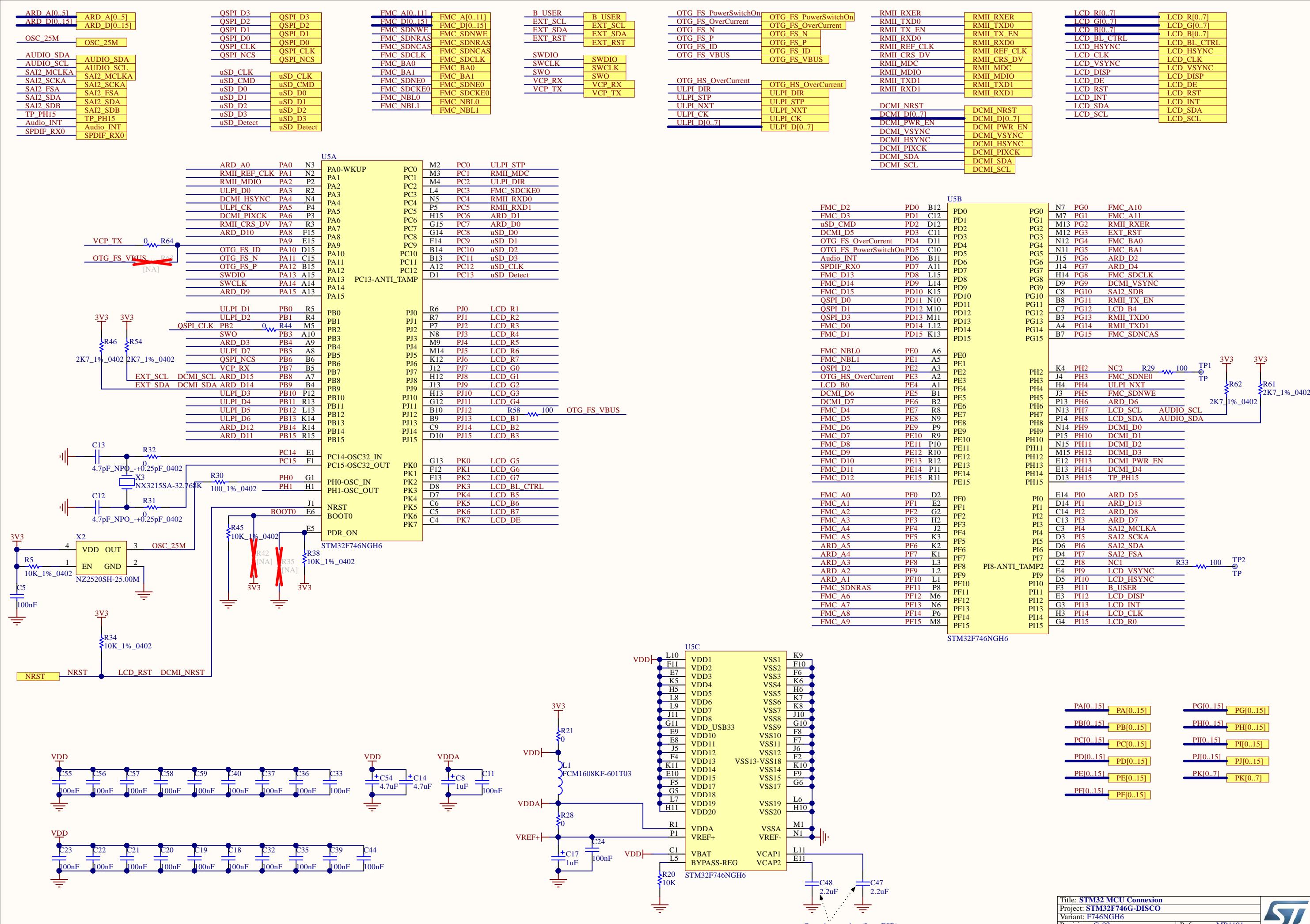
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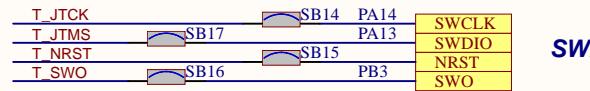
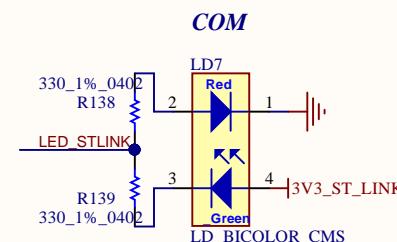
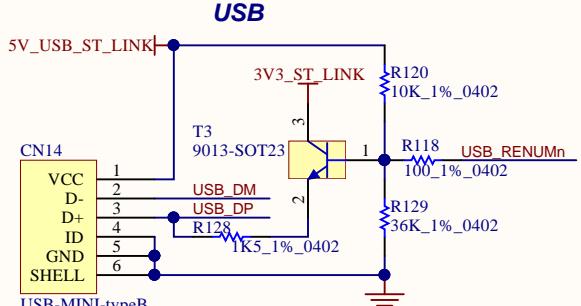
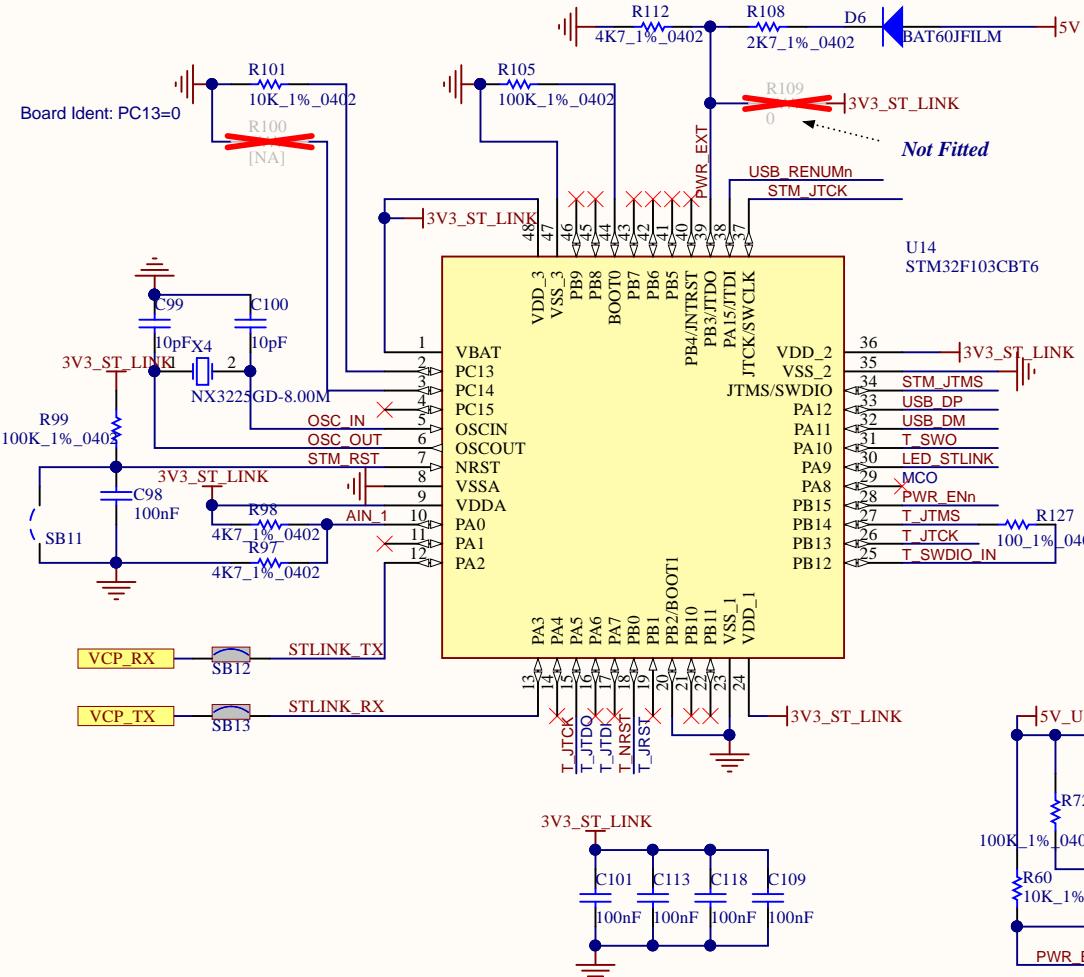
U_Top
Top.SchDoc



Title: Project overview	Project: STM32F746G-DISCO	 life.augmented
Variant: F746NGH6	Revision: C-02	
Size: A4	Date: 10/11/2021	
Reference: MB1191	Sheet: 1 of 14	

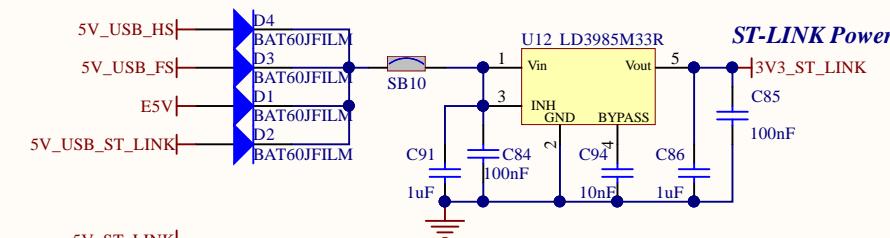
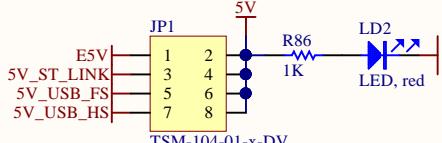




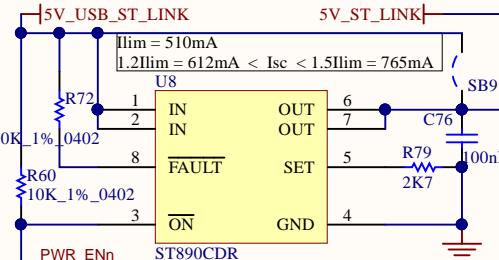
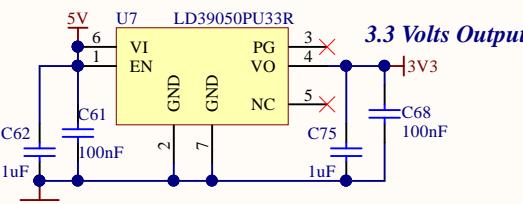


Not Fitted, must be on a border or the PCB.

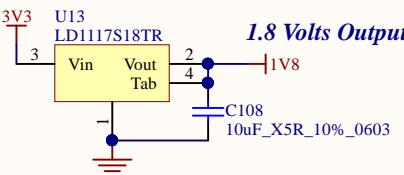
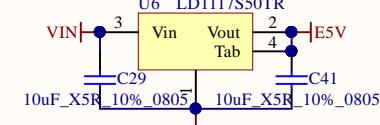
5 Volts Power Supply



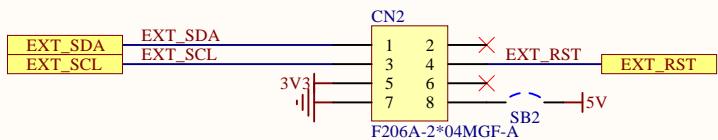
5 Volts Output



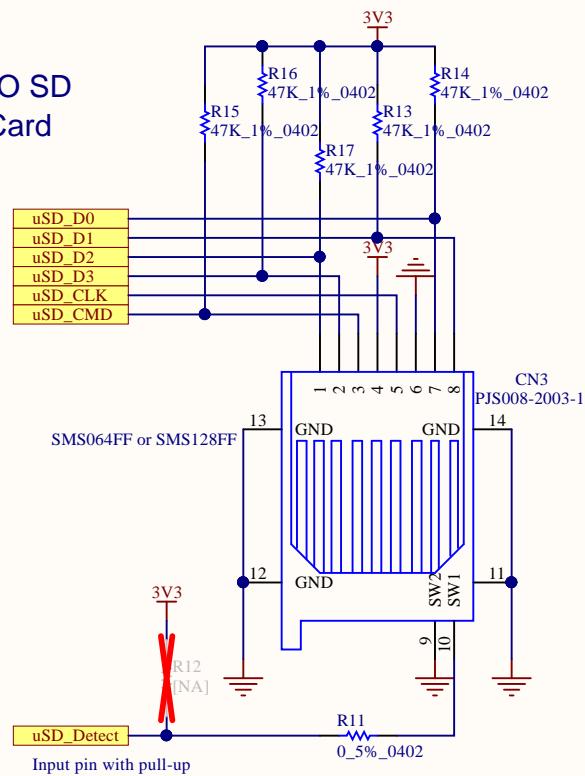
Arduino UNO power pin



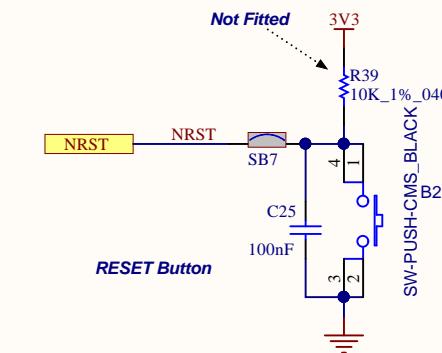
EXT/RF E2P Connector



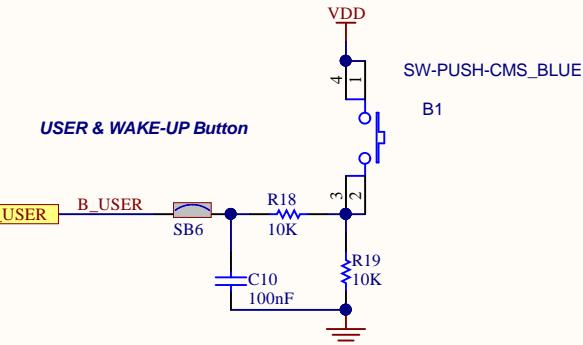
MICRO SD (TF) Card



Input pin with pull-up

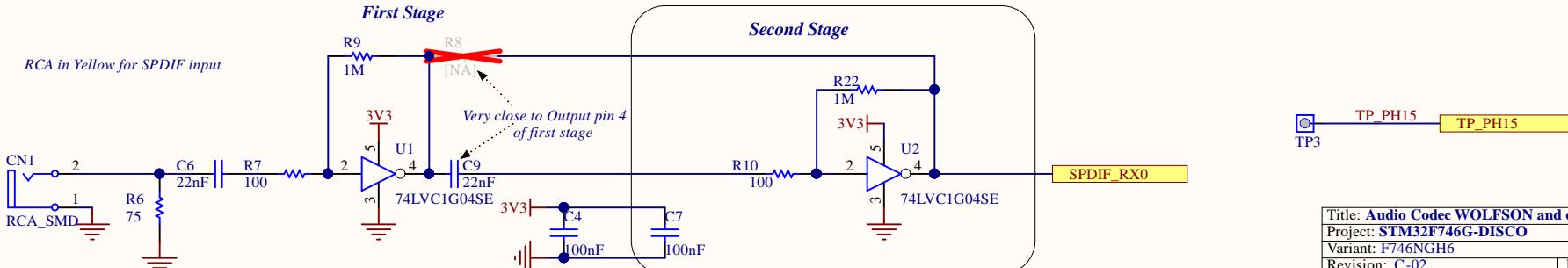
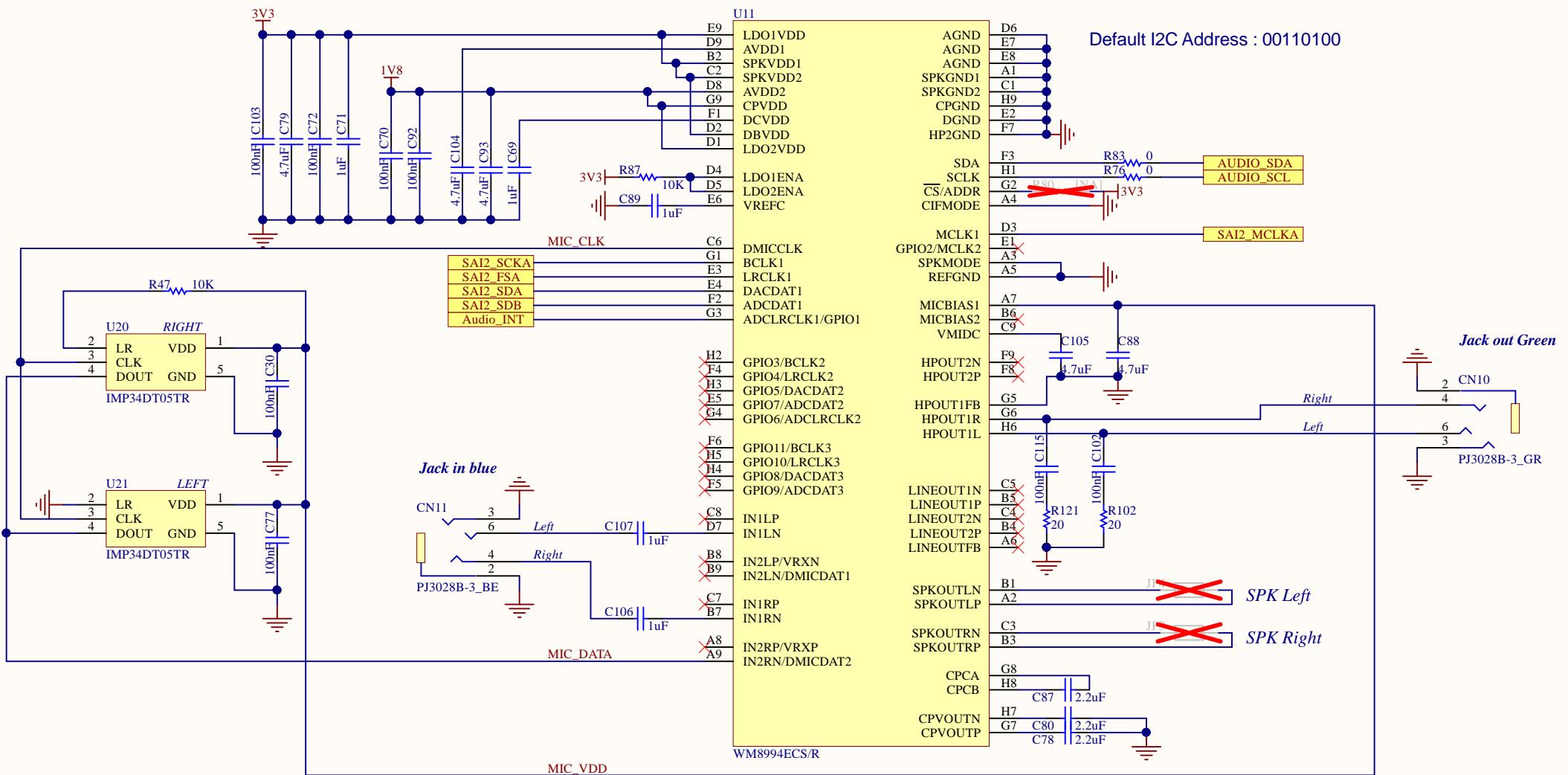


RESET Button

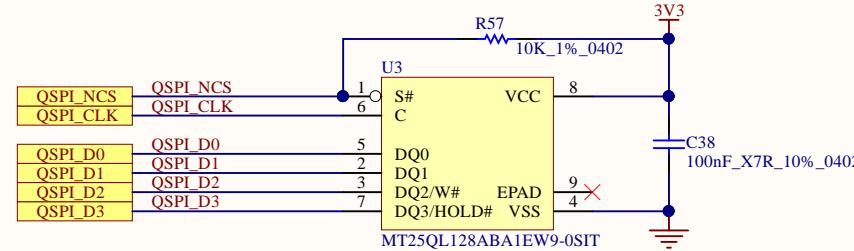


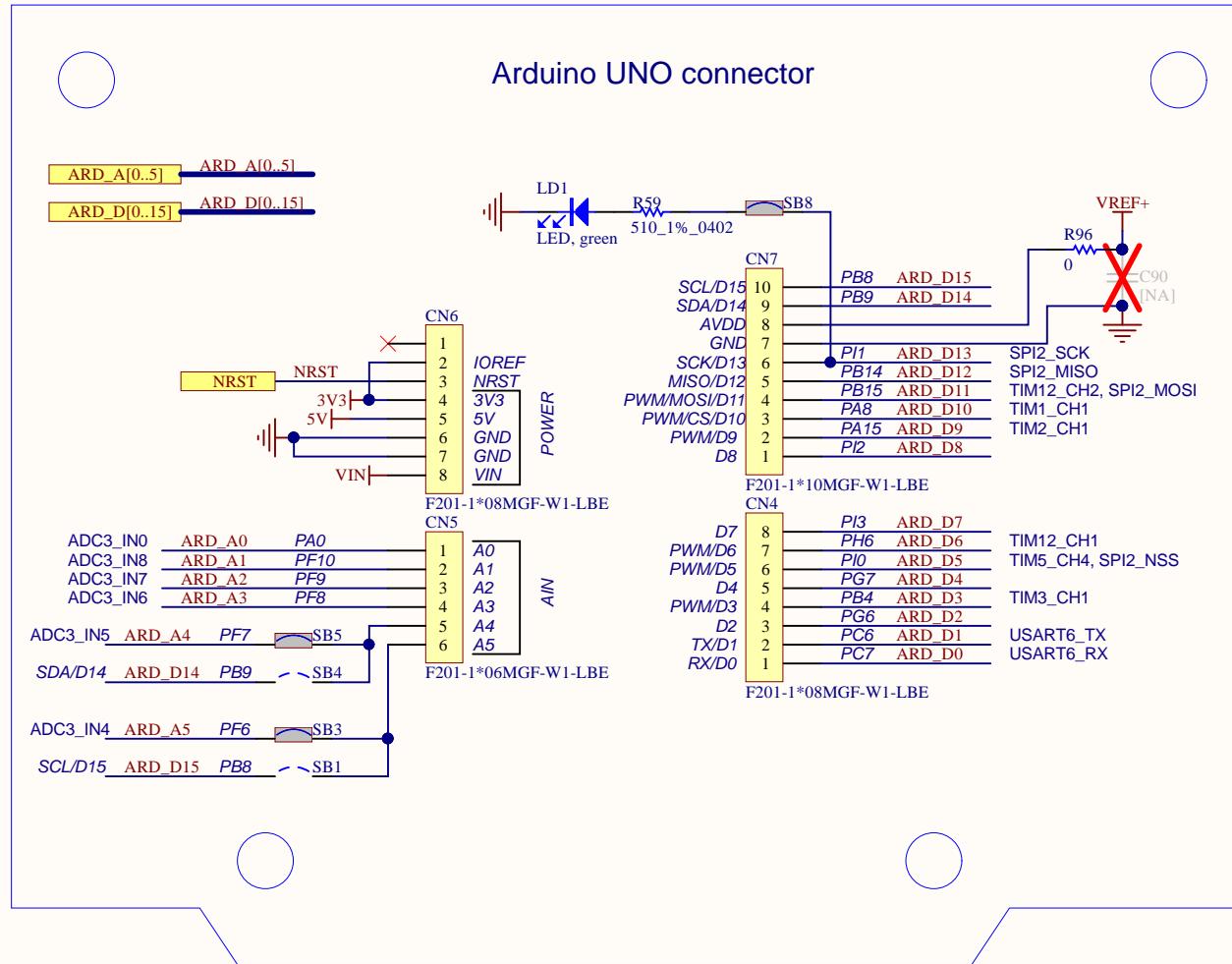
USER & WAKE-UP Button

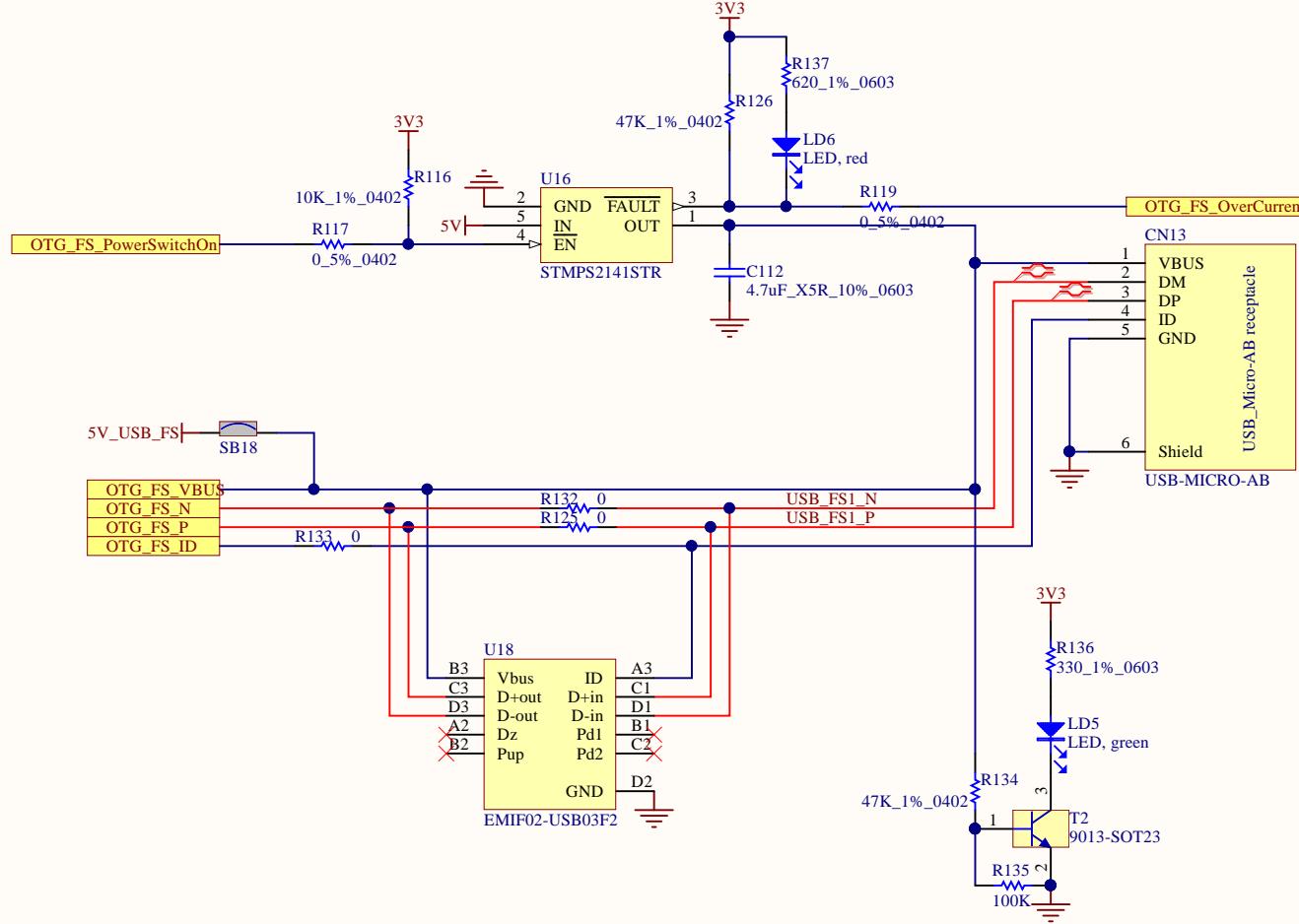
Title: Joystick, ACP, LEDs and Push Button	
Project: STM32F746G-DISCO	
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Revision: C-02	
Size: A4	Date: 10/11/2021
Reference: MB1191	Sheet: 5 of 14

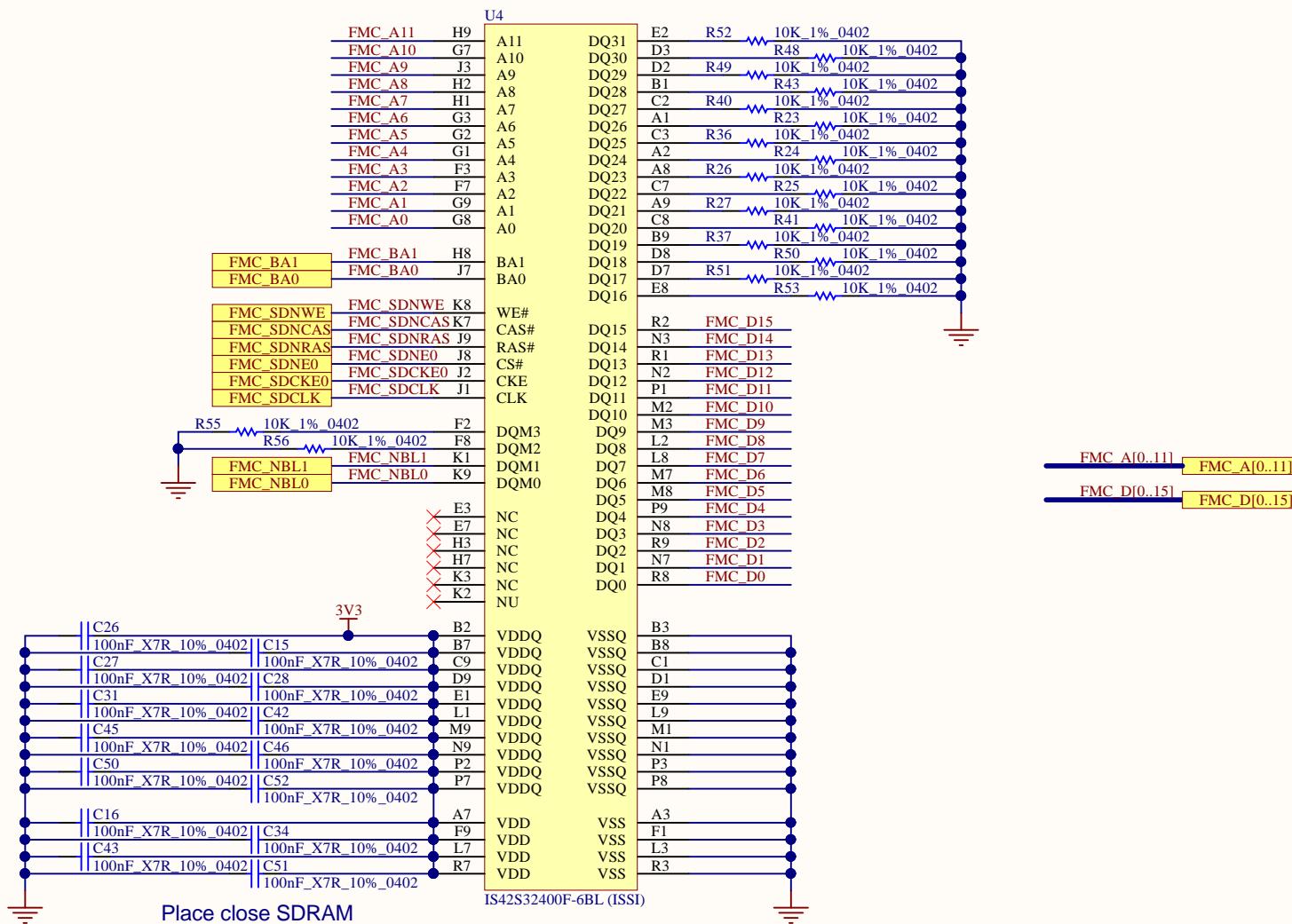


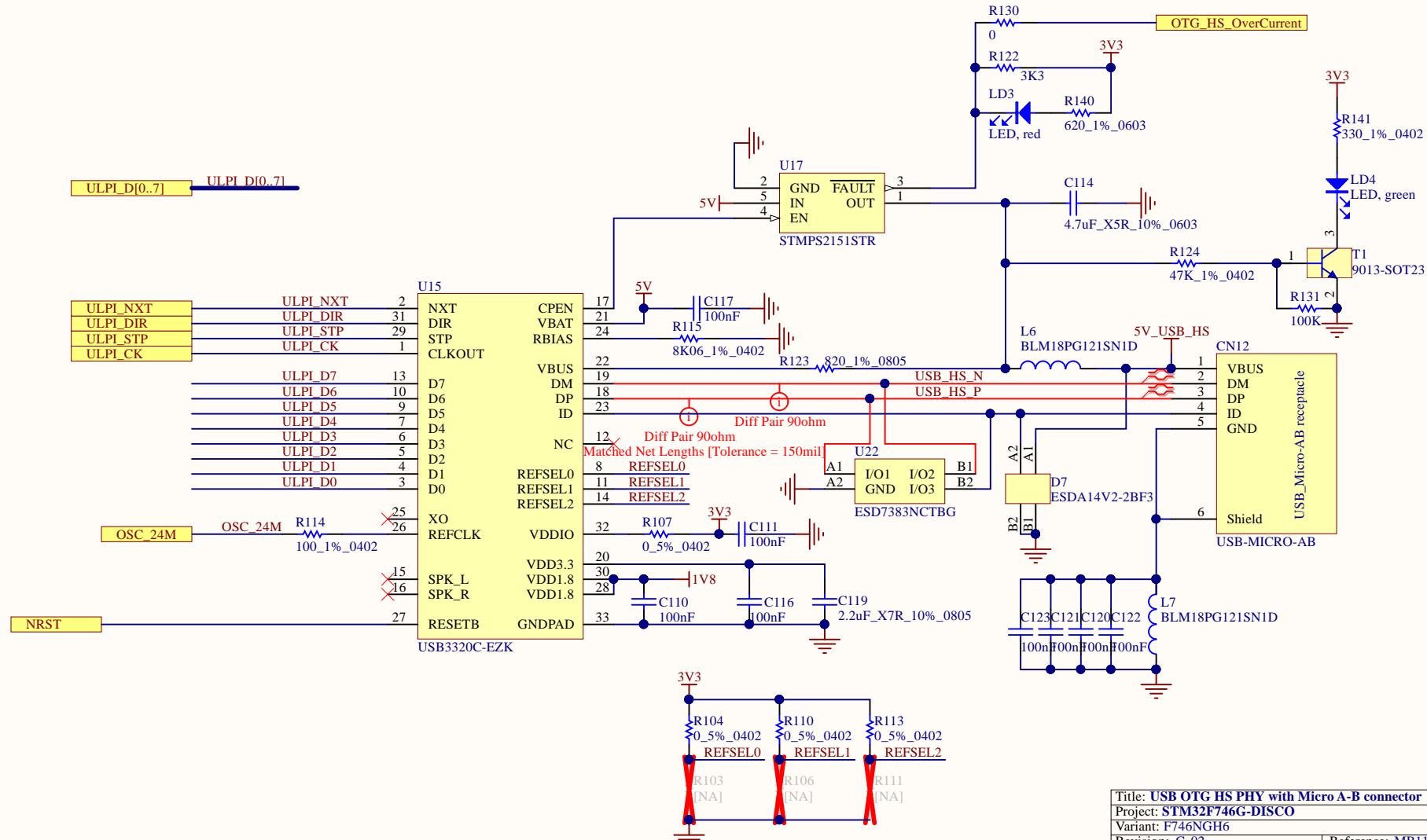
Quad SPI Flash Memory

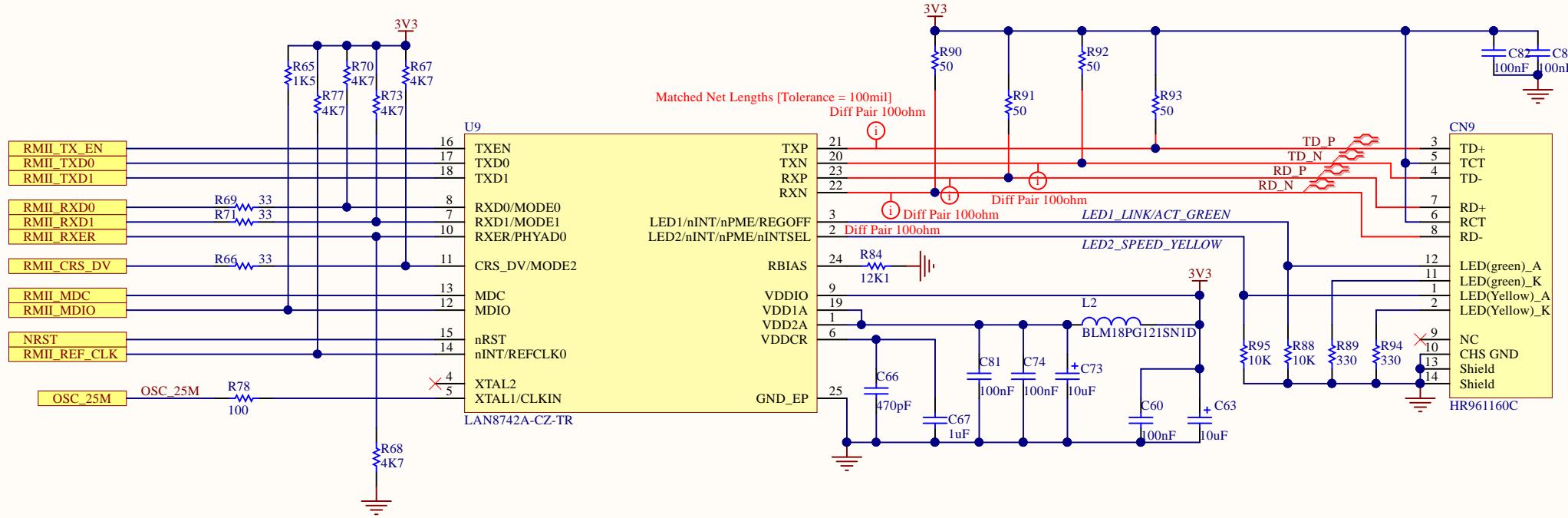


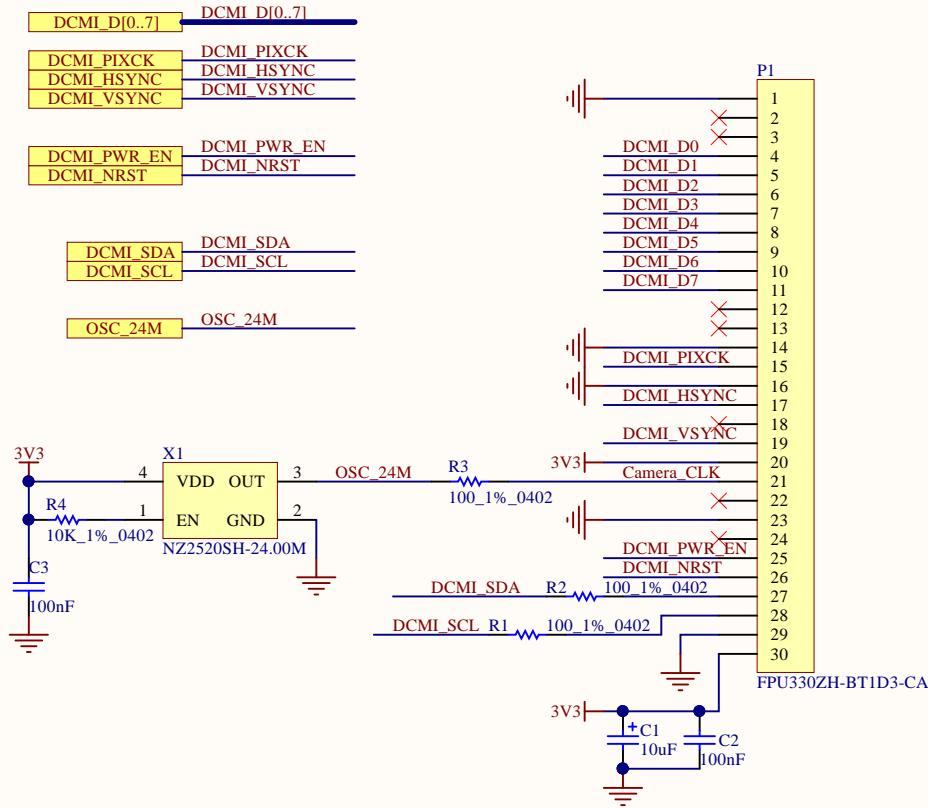


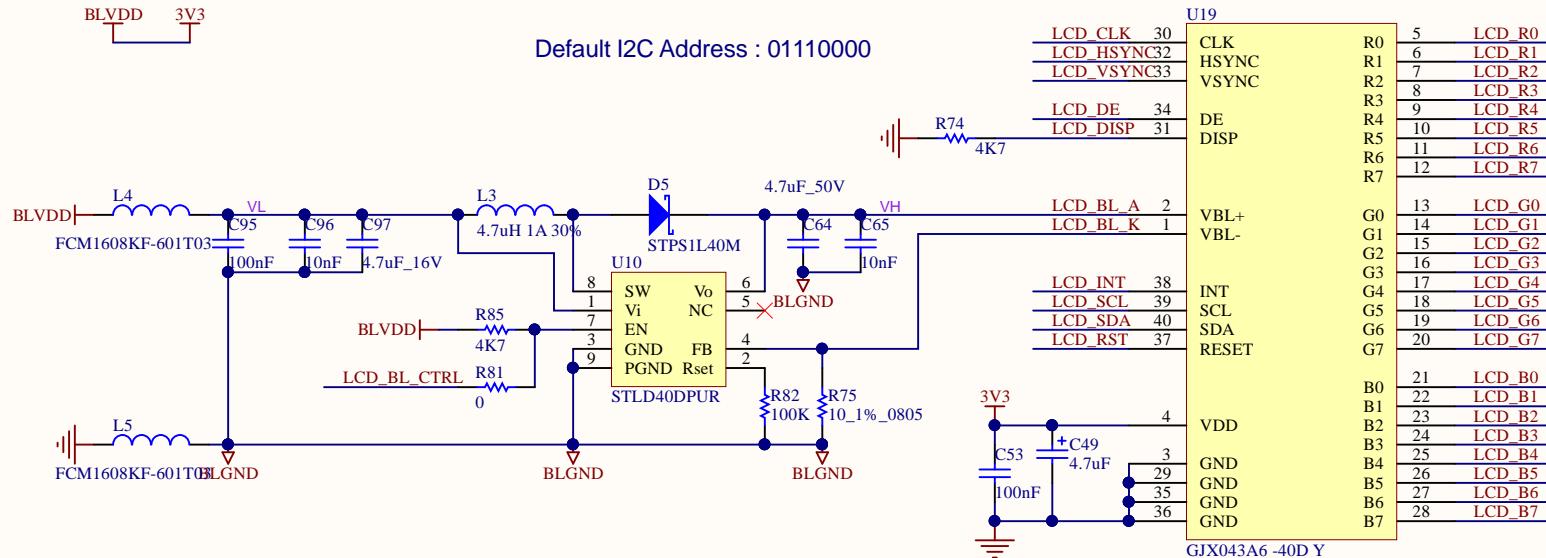






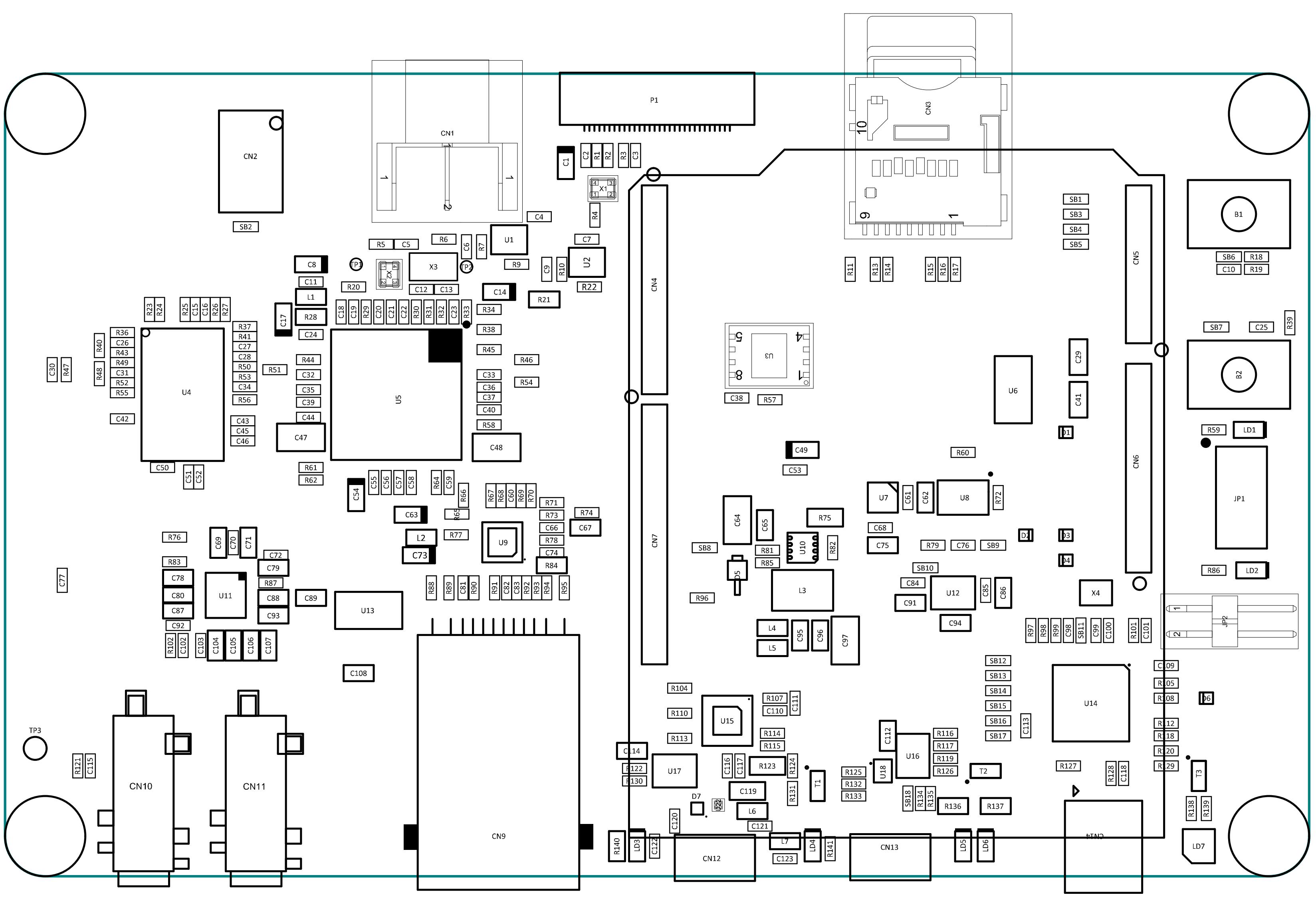






Backlight driver & PFC of LCD panel

LCD_G[0..7]	LCD_G[0..7]
LCD_B[0..7]	LCD_B[0..7]
LCD_R[0..7]	LCD_R[0..7]
LCD_BL_CTRL	LCD_BL_CTRL
LCD_CLK	LCD_CLK
LCD_HSYNC	LCD_HSYNC
LCD_VSYNC	LCD_VSYNC
LCD_DE	LCD_DE
LCD_DISP	LCD_DISP
LCD_INT	LCD_INT
LCD_RST	LCD_RST
LCD_SCL	LCD_SCL
LCD_SDA	LCD_SDA



Assembly Top

A

A

B

R

6

6

1

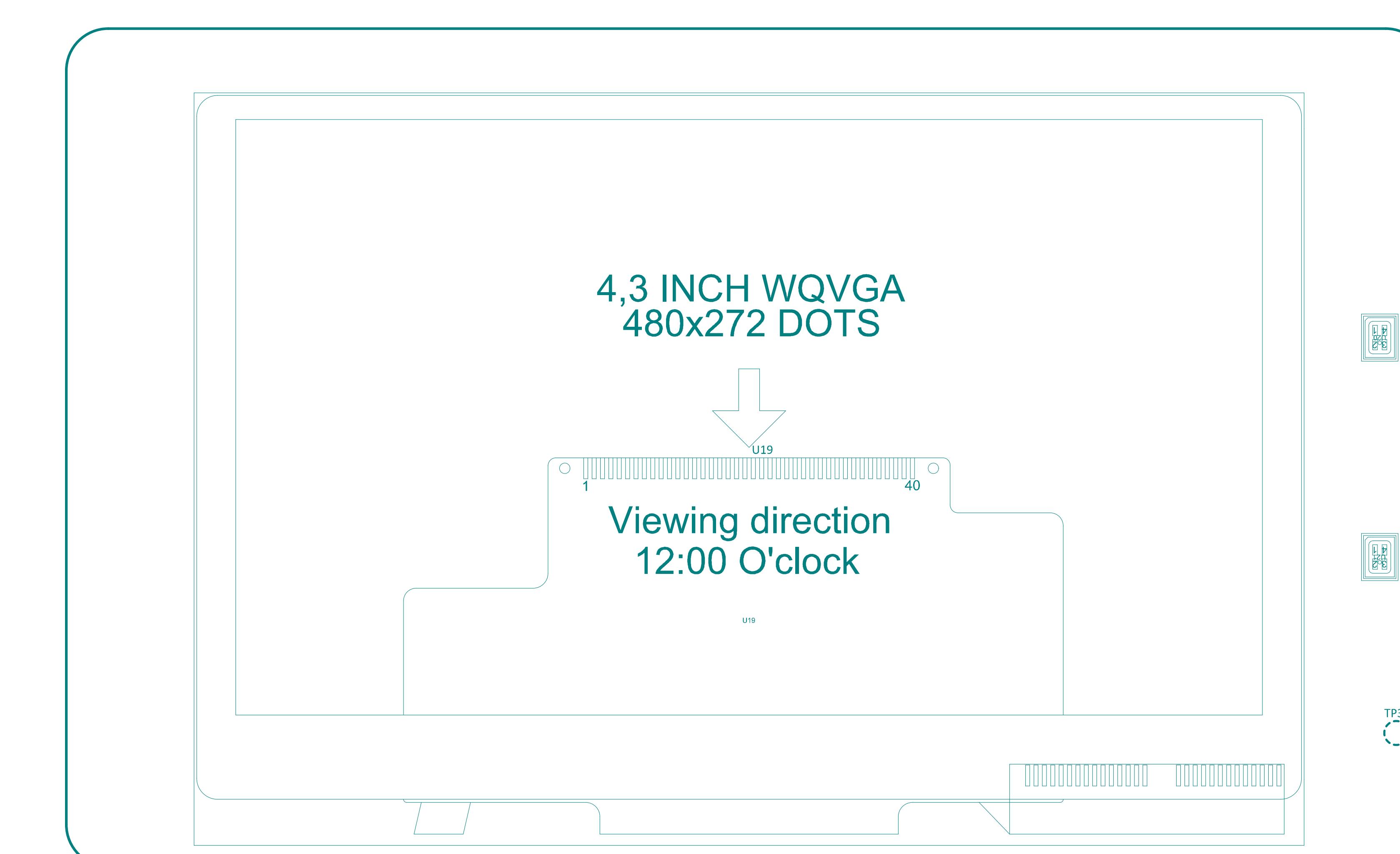
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Revision	DESCRIPTION	TITLE	COMPAGNY	PCB DESIGNER	DATE	CHECKED BY
		Carte STM32F746G-DISCOVERY	MB1191B	Assembly Bottom	16-04-2015	GERBER