

STM32F746G-DISCO

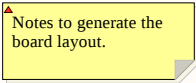
MB1191

Table of contents

- Sheet 1: Project overview (this page)
- Sheet 2: Top
- Sheet 3: STM32 MCU Connexion
- Sheet 4: ST-LINK/V2-1 with support of SWD only
- Sheet 5: Joystick, ACP, LEDs and Push Button
- Sheet 6: Audio Codec WOLFSON and connectors
- Sheet 7: Quad SPI Flash Memory (MICRON)
- Sheet 8: Arduino UNO connectors
- Sheet 10: USB OTG FS with Micro A-B connector
- Sheet 9: SDRAM (MICRON)
- Sheet 11: USB OTG HS PHY with Micro A-B connector
- Sheet 12: Ethernet PHY with RJ45 connector
- Sheet 13: External Camera connector
- Sheet 14: LCD 4.3" with Capacitive Touch

Legend

- General comment such as function title, configuration, ...
- Text to be added to silkscreen.
- Warning text.



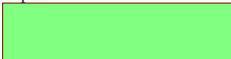
Open Platform License Agreement

The Open Platform License Agreement (“Agreement”) is a binding legal contract between you (“You”) and STMicroelectronics International N.V. (“ST”), a company incorporated under the laws of the Netherlands acting for the purpose of this Agreement through its Swiss branch 39, Chemin du Champ des Filles, 1228 Plan-les-Ouates, Geneva, Switzerland.

By using the enclosed reference designs, schematics, PC board layouts, and documentation, in hardcopy or CAD tool file format (collectively, the “Reference Material”), You are agreeing to be bound by the terms and conditions of this Agreement. Do not use the Reference Material until You have read and agreed to this Agreement terms and conditions. The use of the Reference Material automatically implies the acceptance of the Agreement terms and conditions.

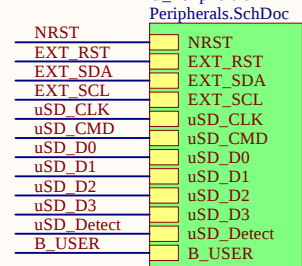
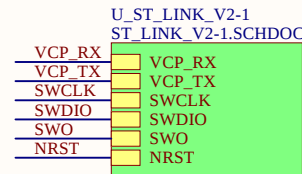
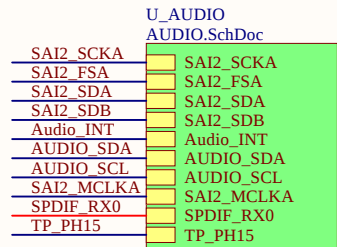
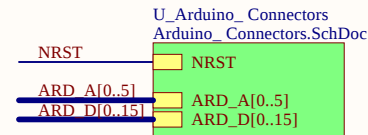
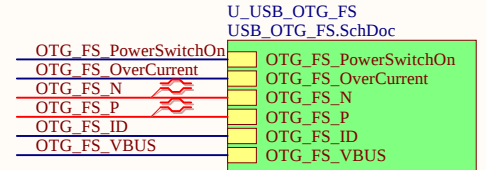
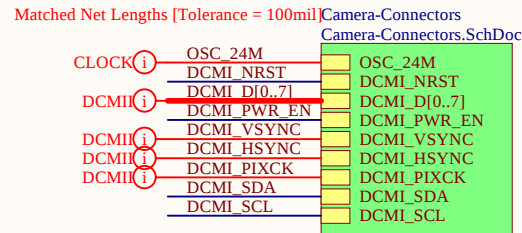
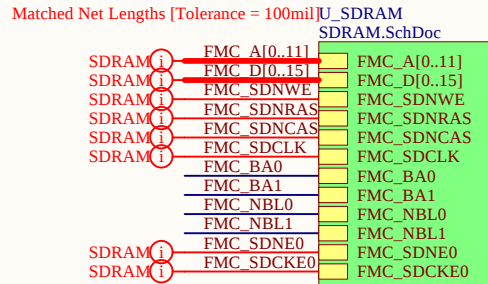
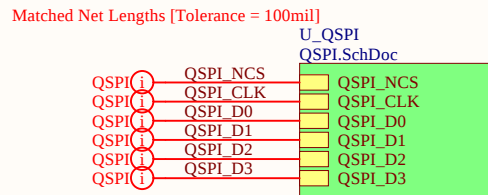
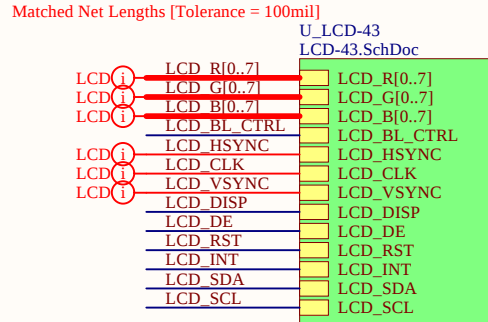
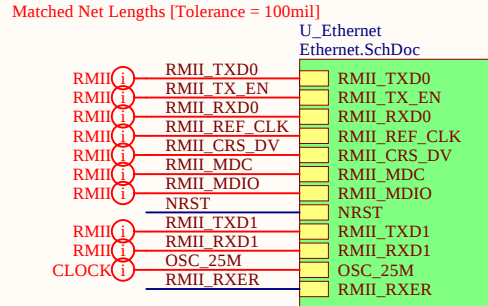
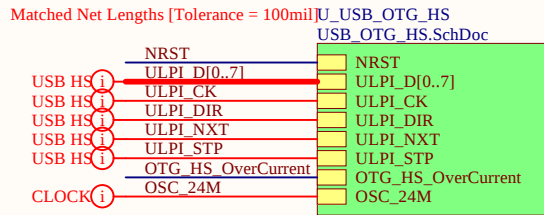
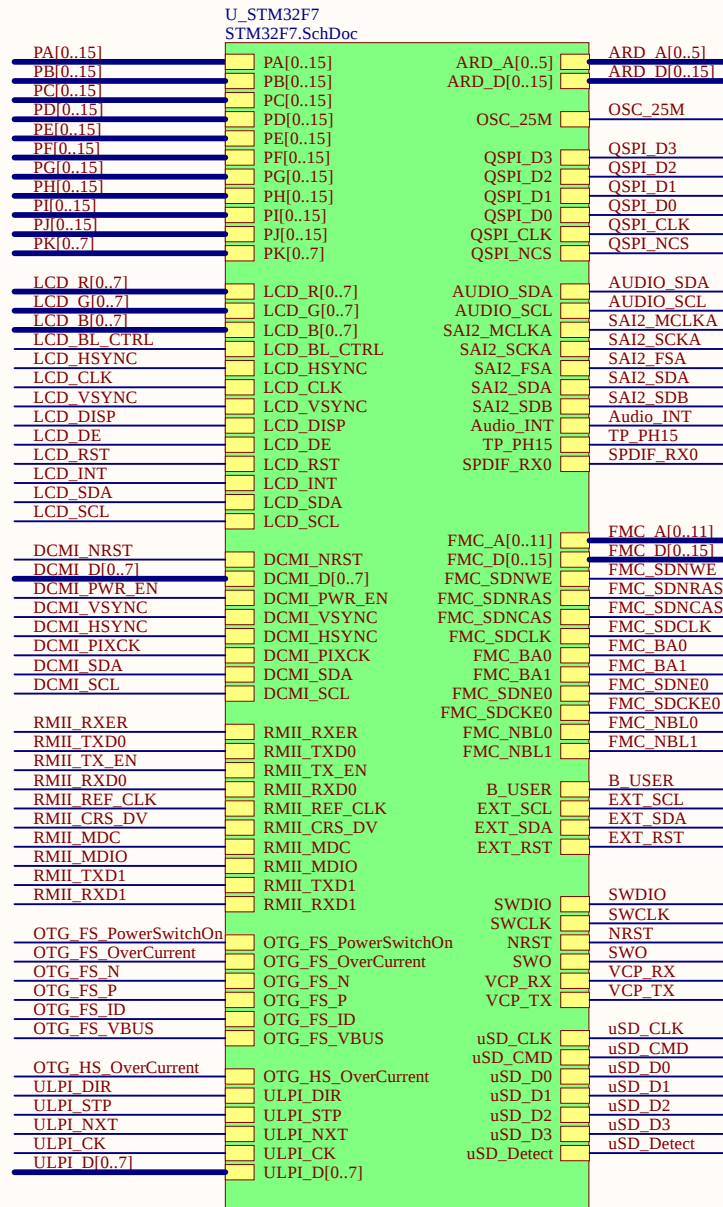
The complete Open Platform License Agreement can be found on www.st.com/opla.

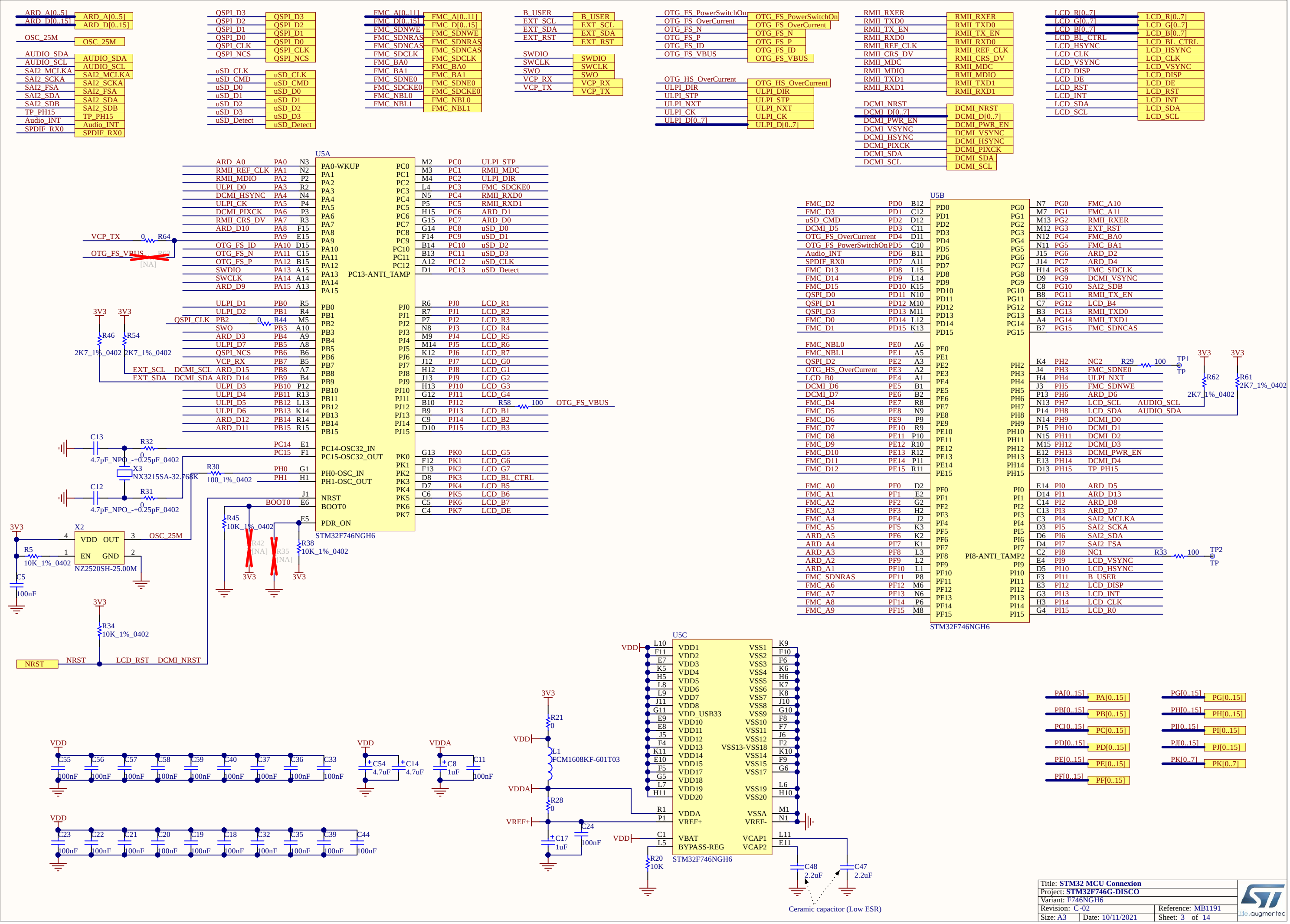
U_Top
Top.SchDoc

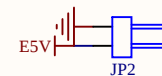
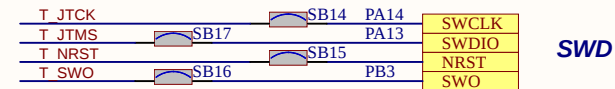
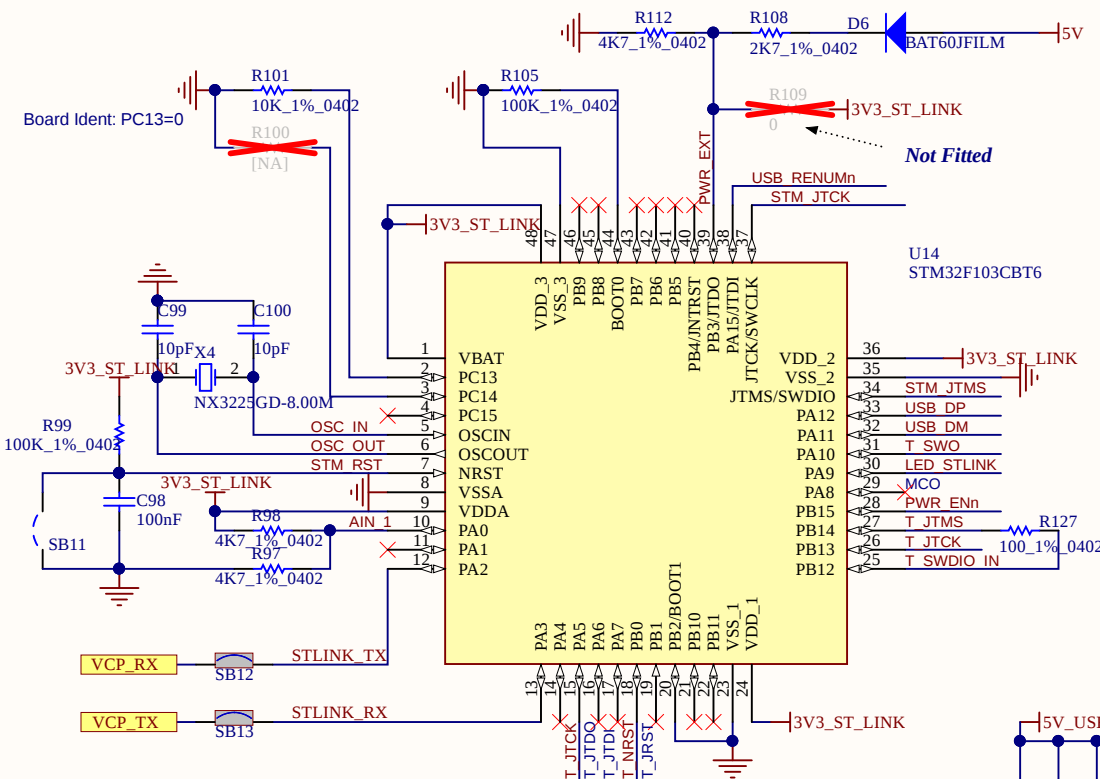


Title: Project overview		
Project: STM32F746G-DISCO		
Variant: F746NGH6		
Revision: C-02		Reference: MB1191
Size: A4	Date: 10/11/2021	Sheet: 1 of 14



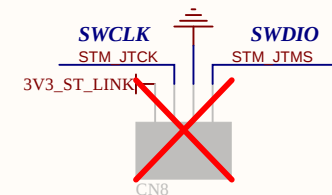
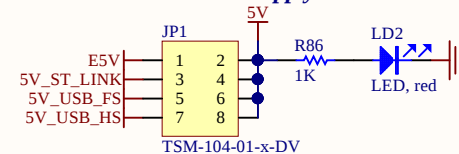




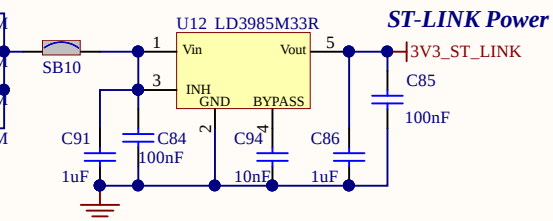
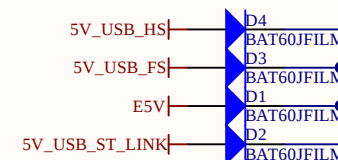


Not Fitted, must be on a border or the PCB.

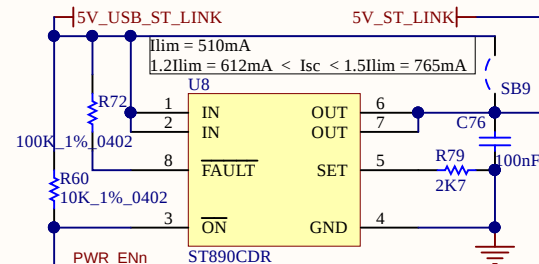
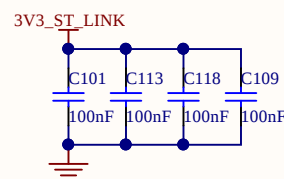
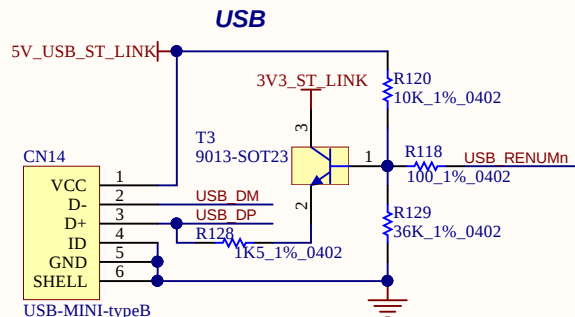
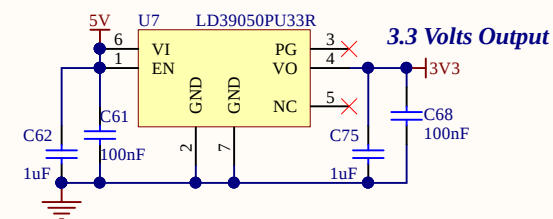
5 Volts Power Supply



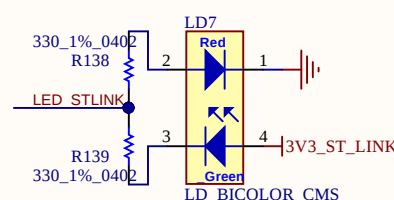
Not Fitted, must be on a border or the PCB.



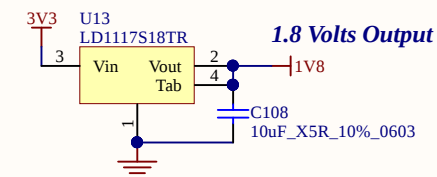
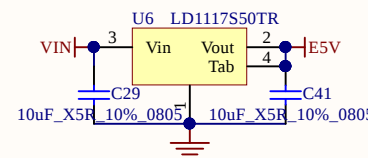
5 Volts Output



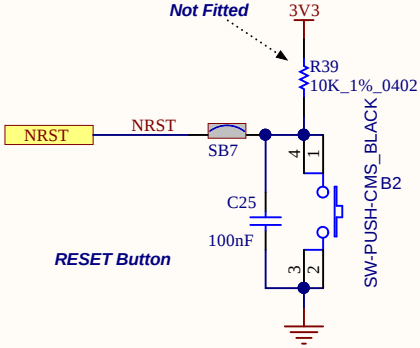
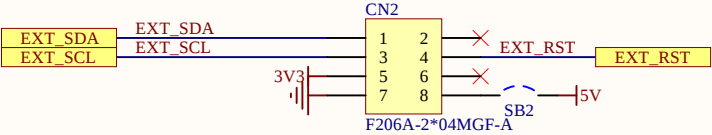
COM



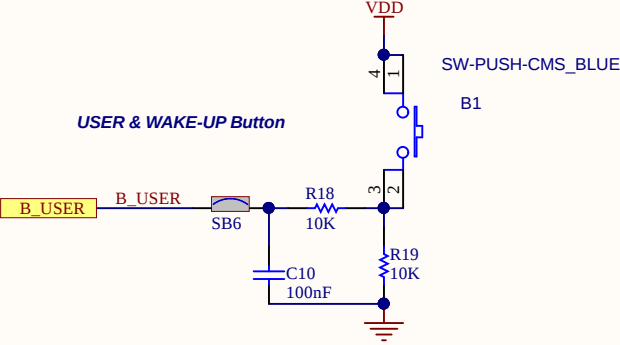
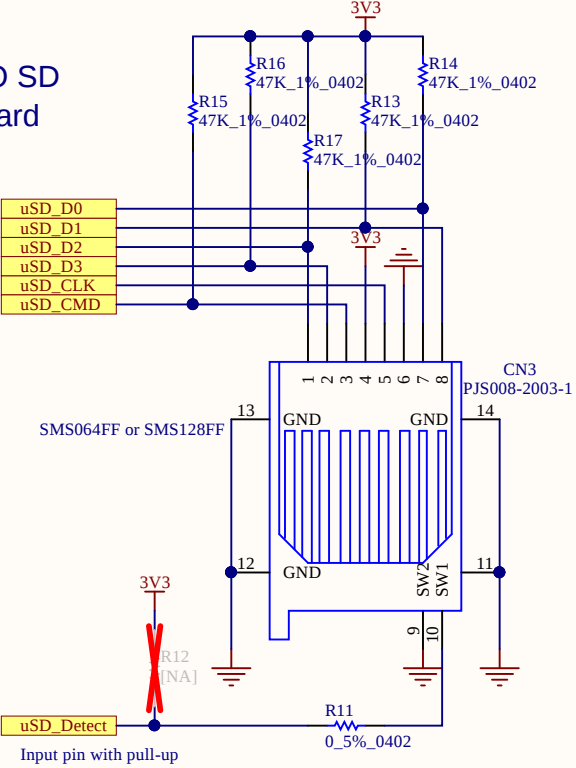
Arduino UNO power pin



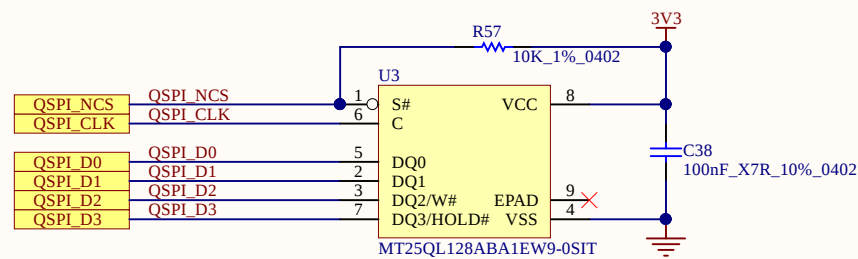
EXT/RF E2P Connector

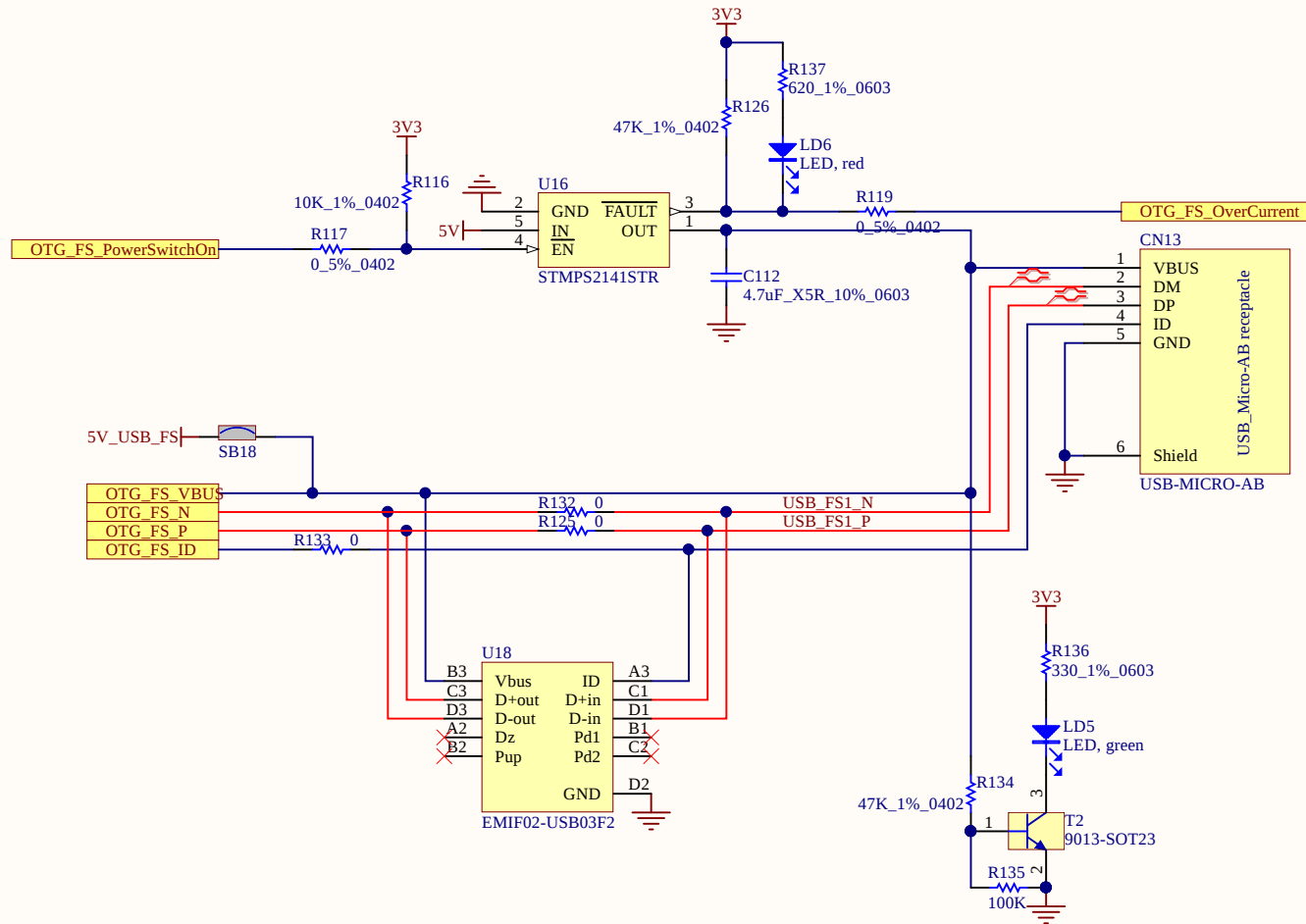


MICRO SD (TF) Card



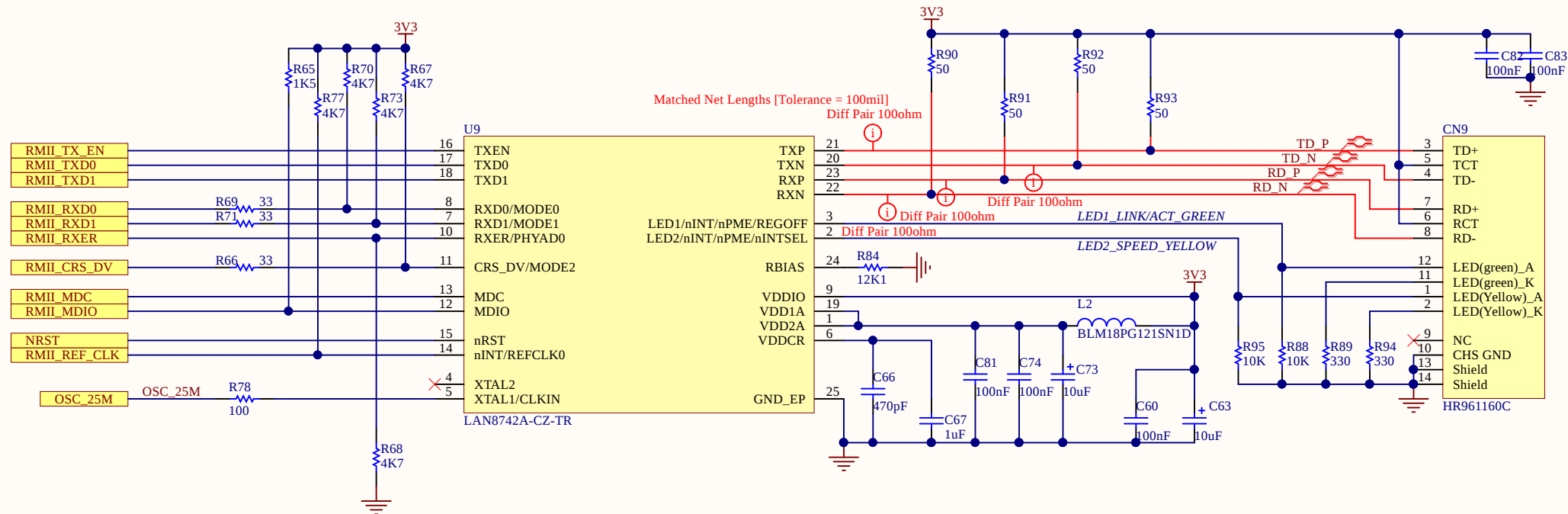
Quad SPI Flash Memory

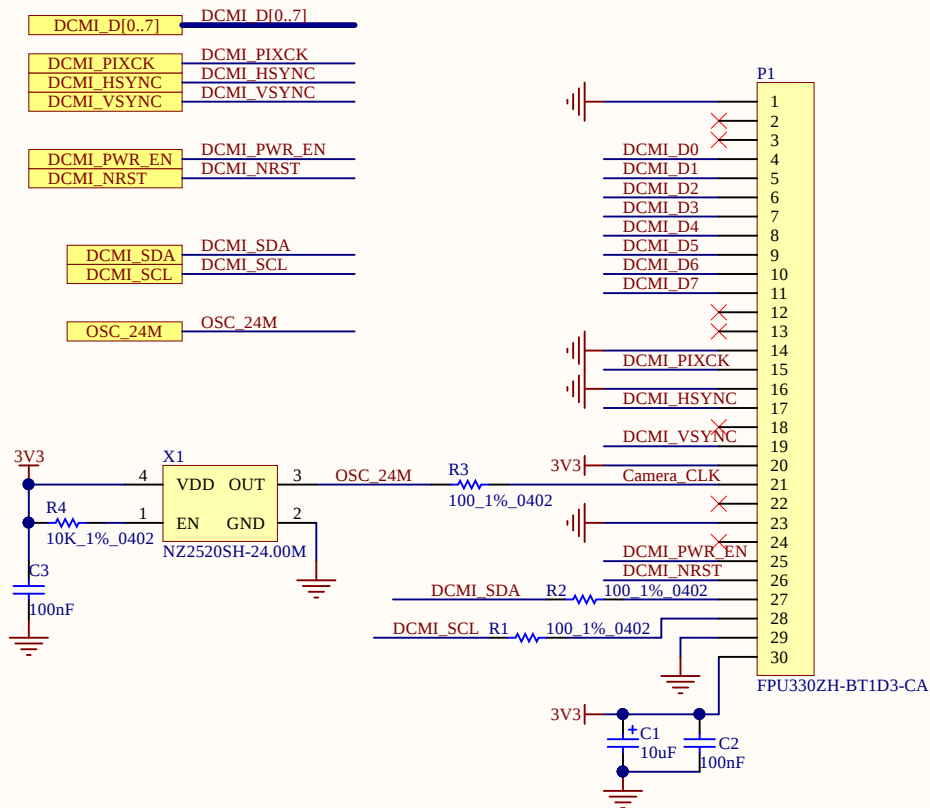


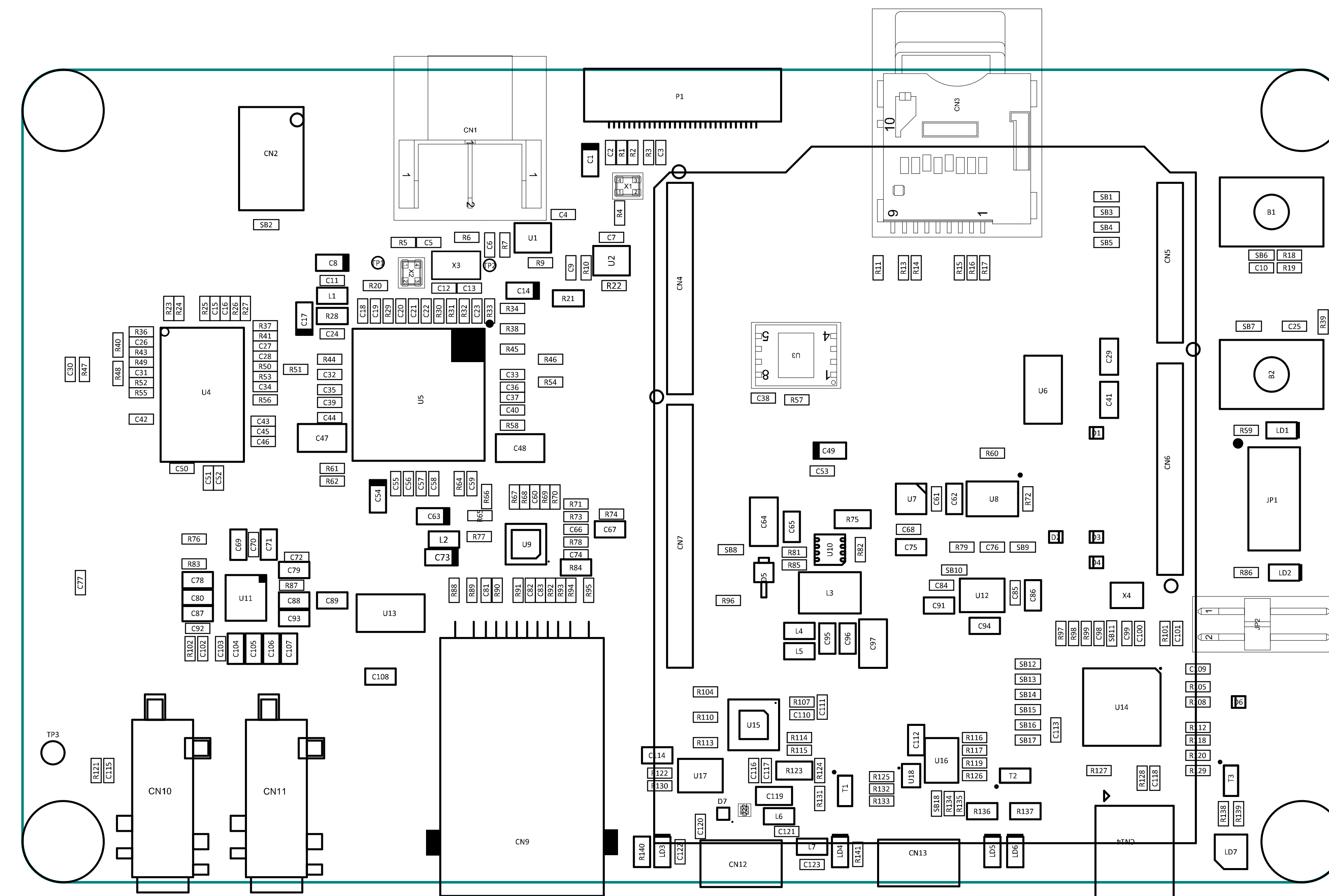




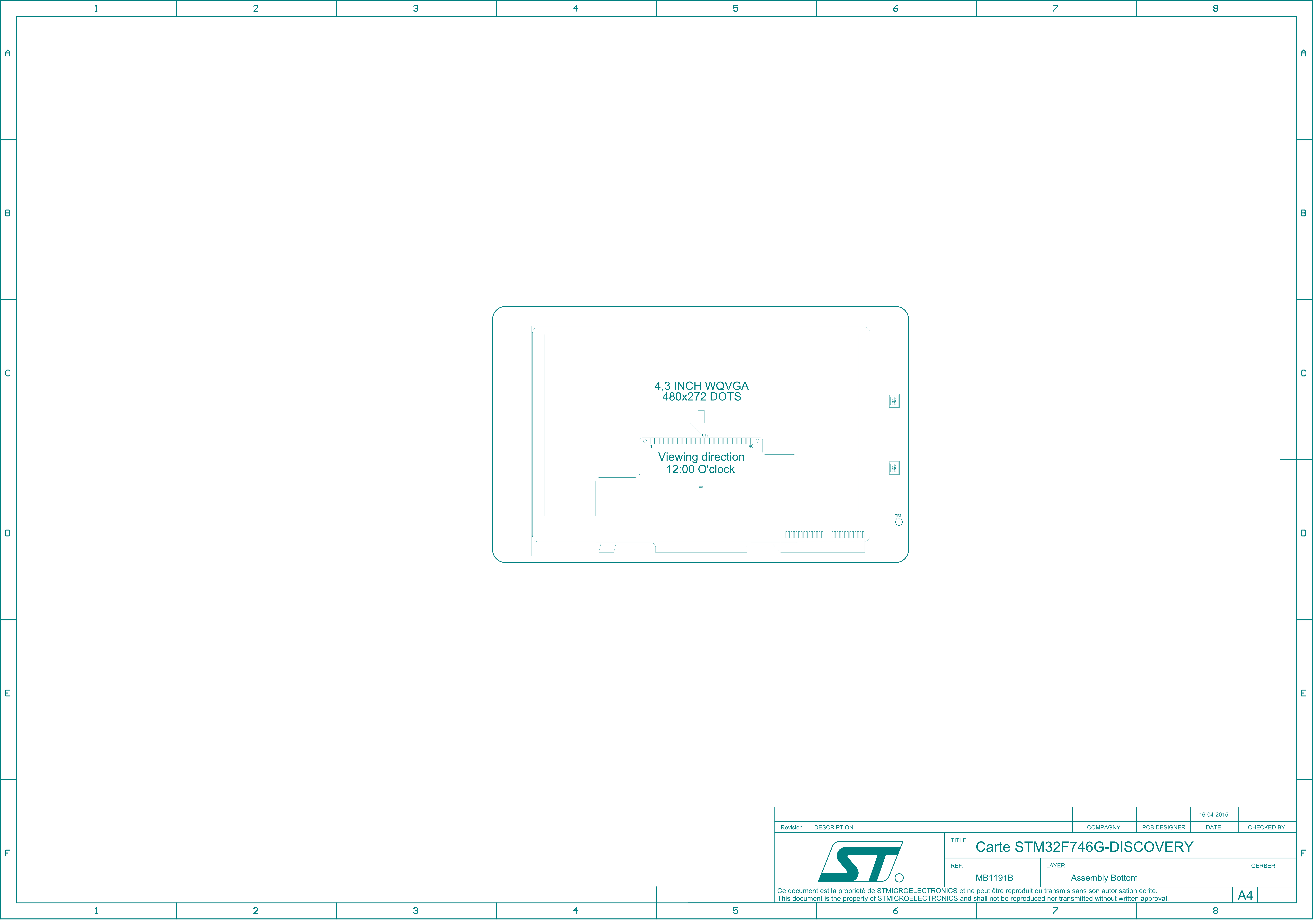








Assembly Top



				16-04-2015	
Revision	DESCRIPTION	COMPAGNY	PCB DESIGNER	DATE	CHECKED BY
		TITLE Carte STM32F746G-DISCOVERY			
		REF. MB1191B	LAYER Assembly Bottom	GERBER	
Ce document est la propriété de STMICROELECTRONICS et ne peut être reproduit ou transmis sans son autorisation écrite. This document is the property of STMICROELECTRONICS and shall not be reproduced nor transmitted without written approval.				A4	