

STM32MP15-DISCO

MB1272

Table of contents

- Sheet 1: Project_Overview
- Sheet 2: Top
- Sheet 3: STM32 MPU I/Os
- Sheet 4: Power MPU
- Sheet 5: Power PMIC
- Sheet 6: USB Host Hub &TypeC DRP
- Sheet 7: Audio
- Sheet 8: DSI LCD Connector
- Sheet 9: HDMI
- Sheet 10: GPIO & Arduino Connectors
- Sheet 11: DDR3 16bits
- Sheet 10: Ethernet
- Sheet 11: Peripherals
- Sheet 10: WLAN Bluetooth
- Sheet 11: Peripherals

Legend

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

Text to be added to silkscreen.

Warning text.

△ Notes to generate the board layout.

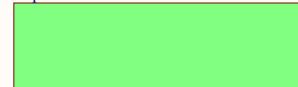
Open Platform License Agreement

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.

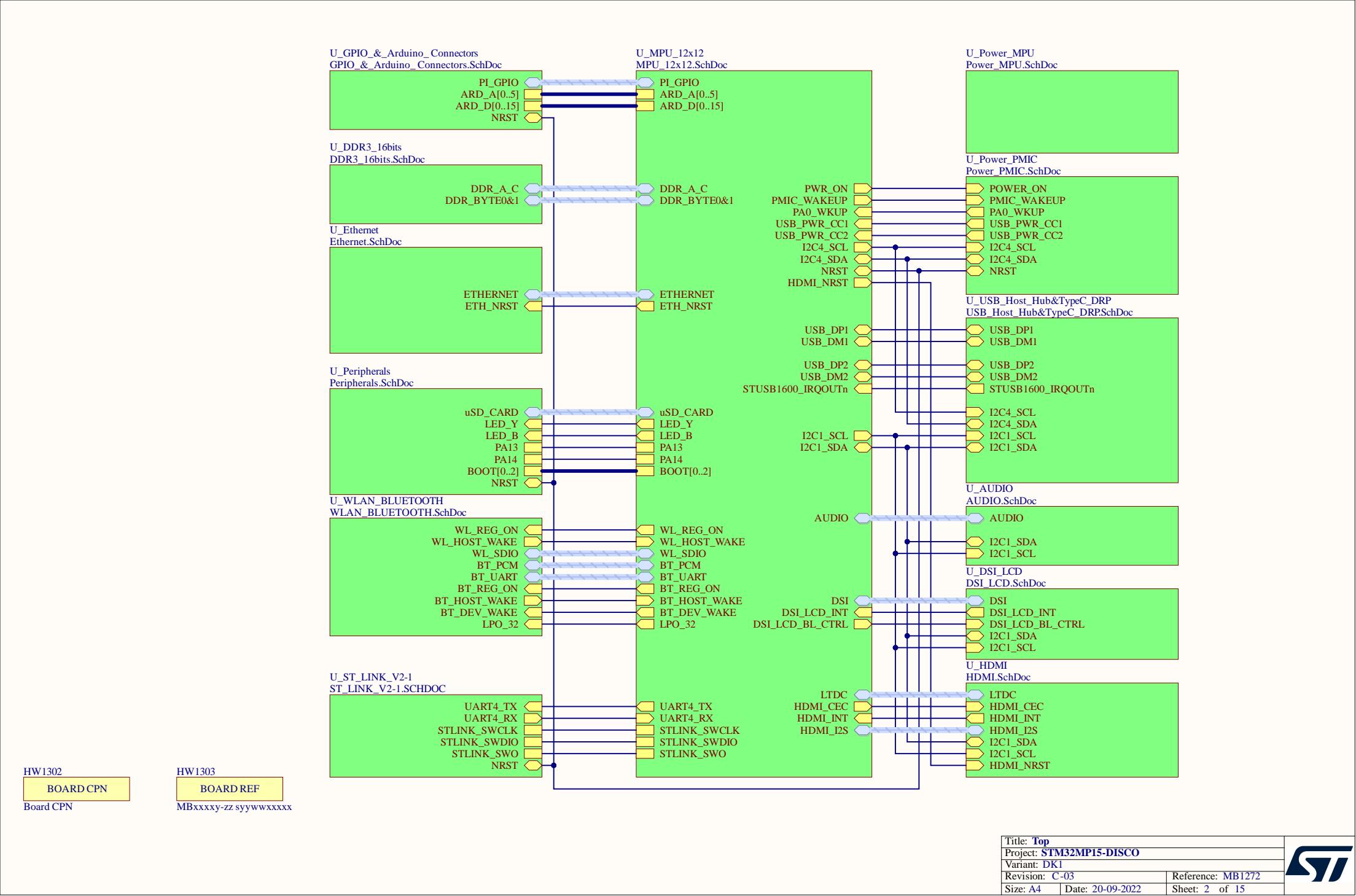
The complete Open Platform License Agreement can be found on www.st.com/opla.

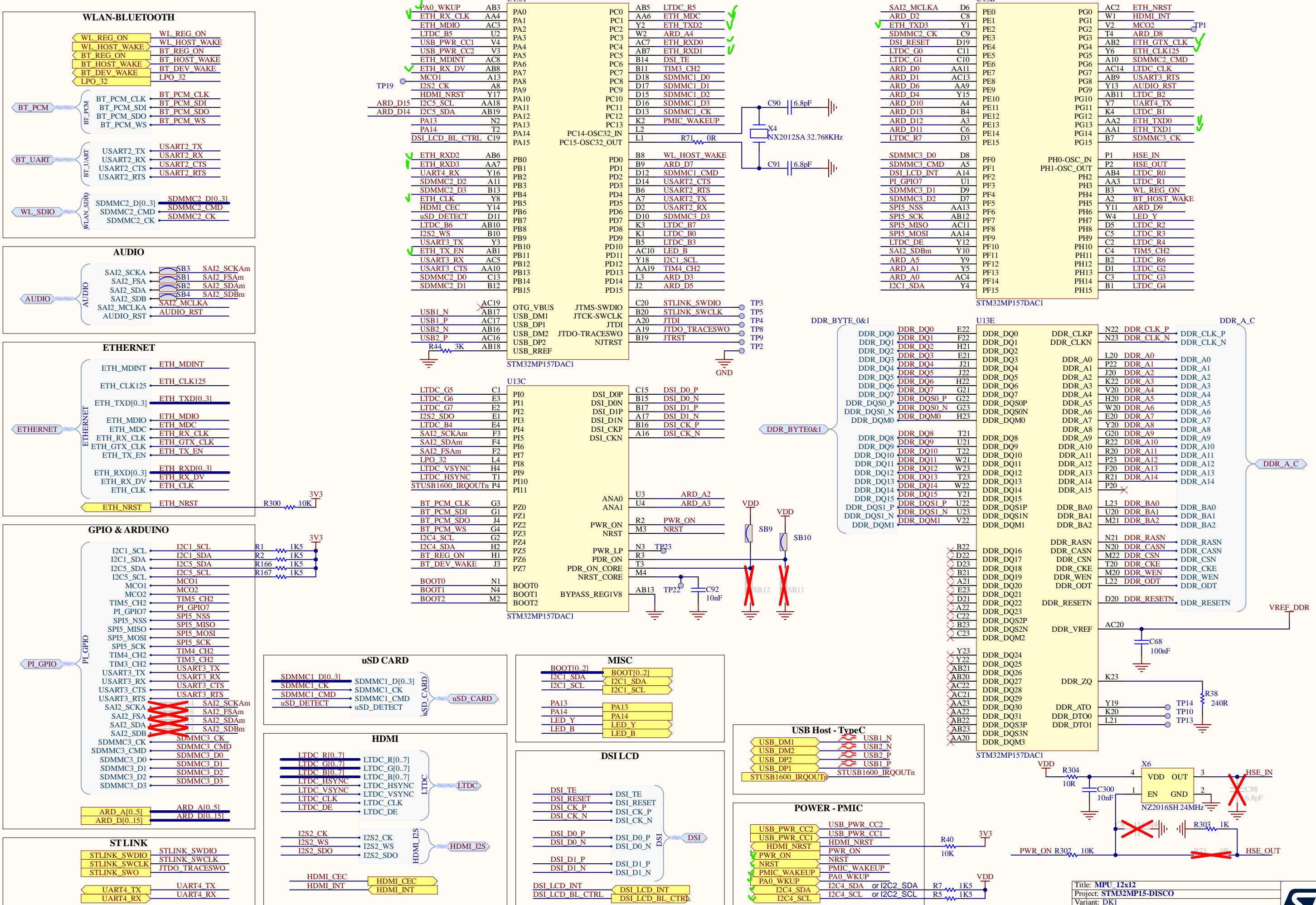
U_Top
Top.SchDoc

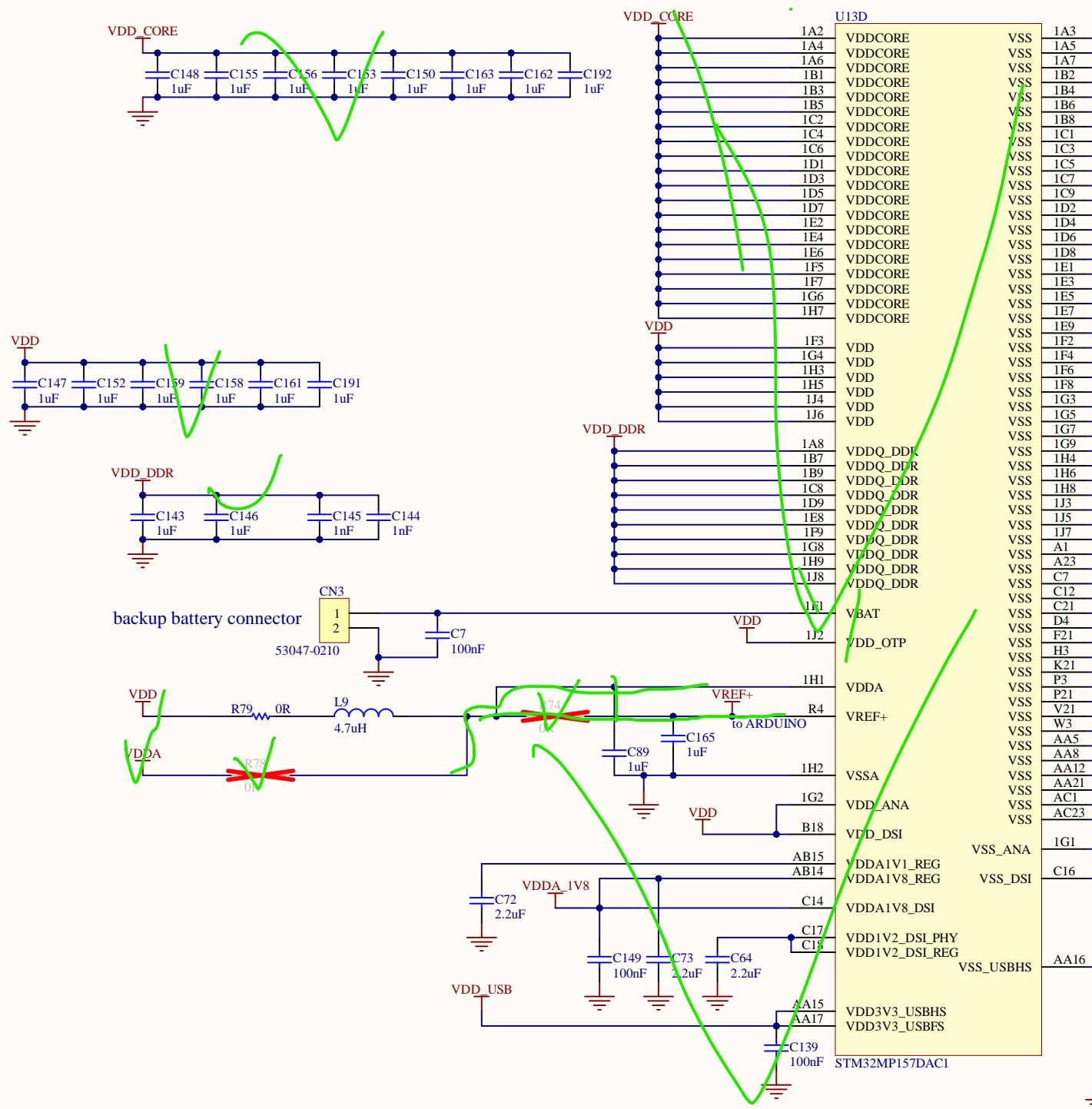


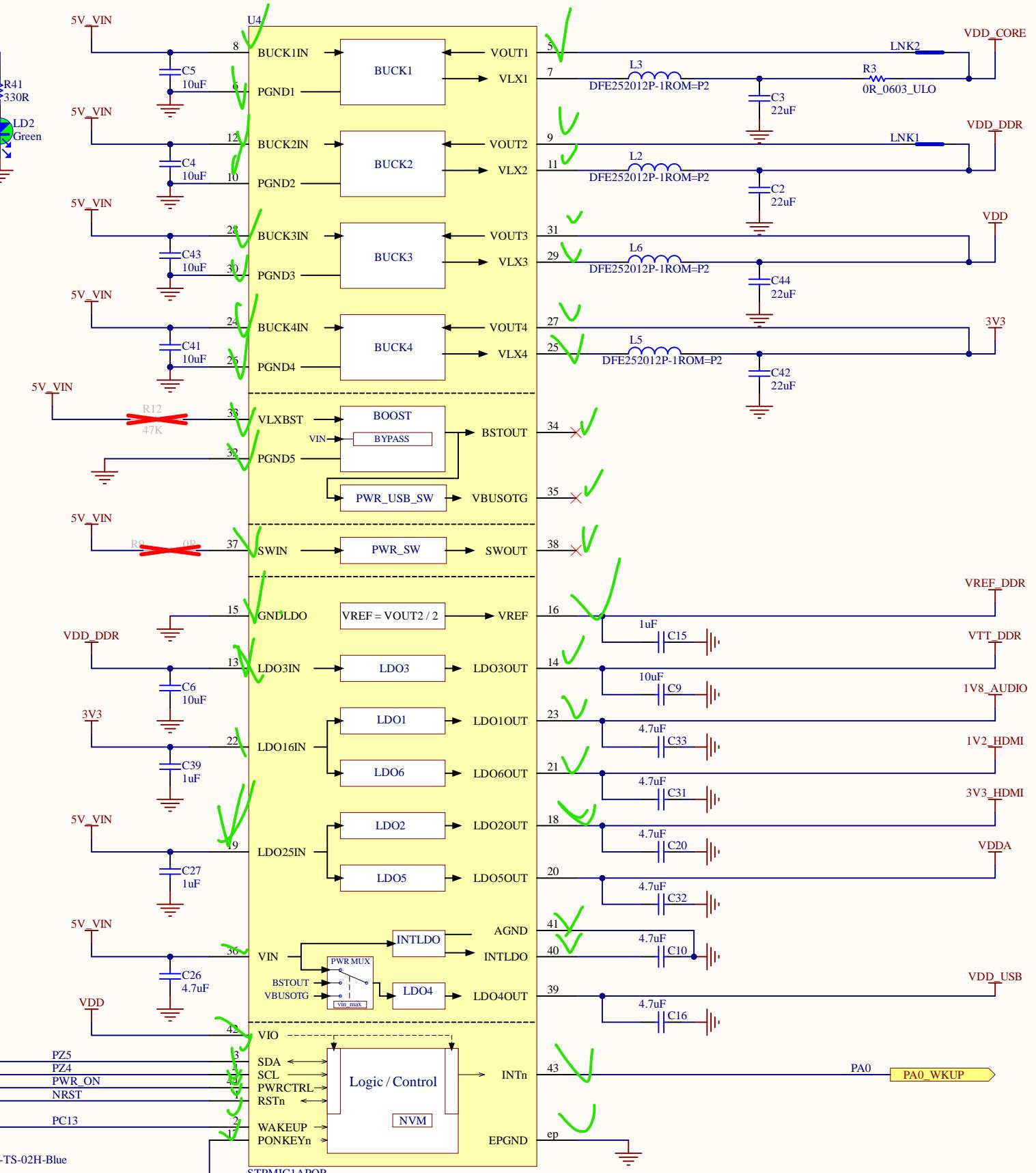
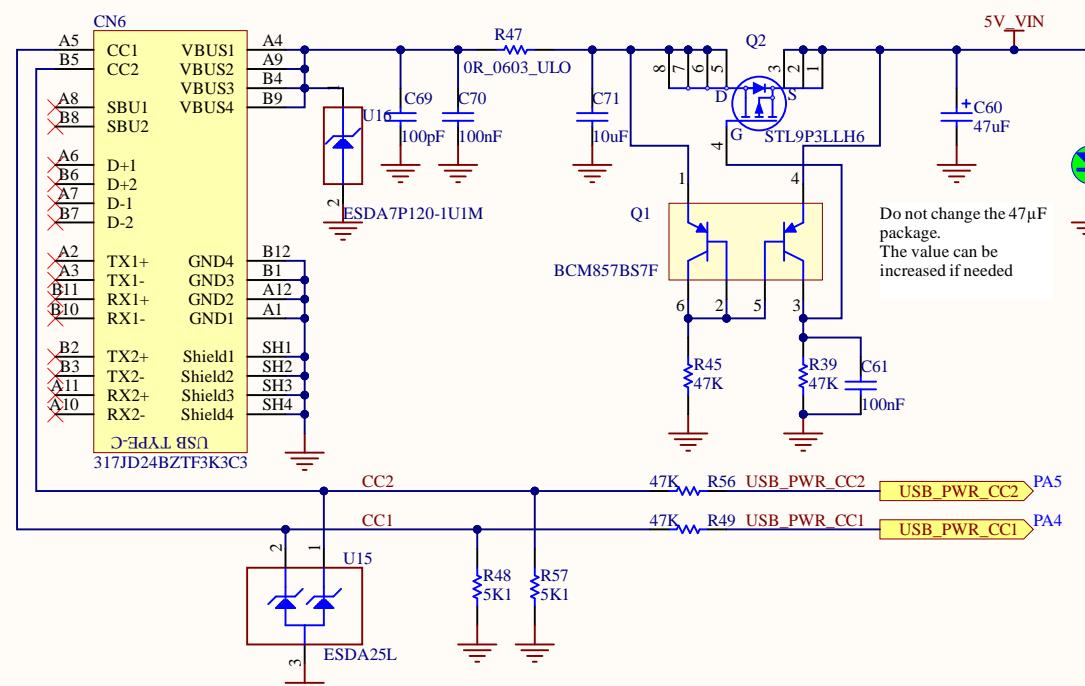
Title: Project_Overview	Project: STM32MP15-DISCO
Variant: DKI	
Revision: C-03	Reference: MB1272
Size: A4	Date: 20-09-2022
	Sheet: 1 of 15



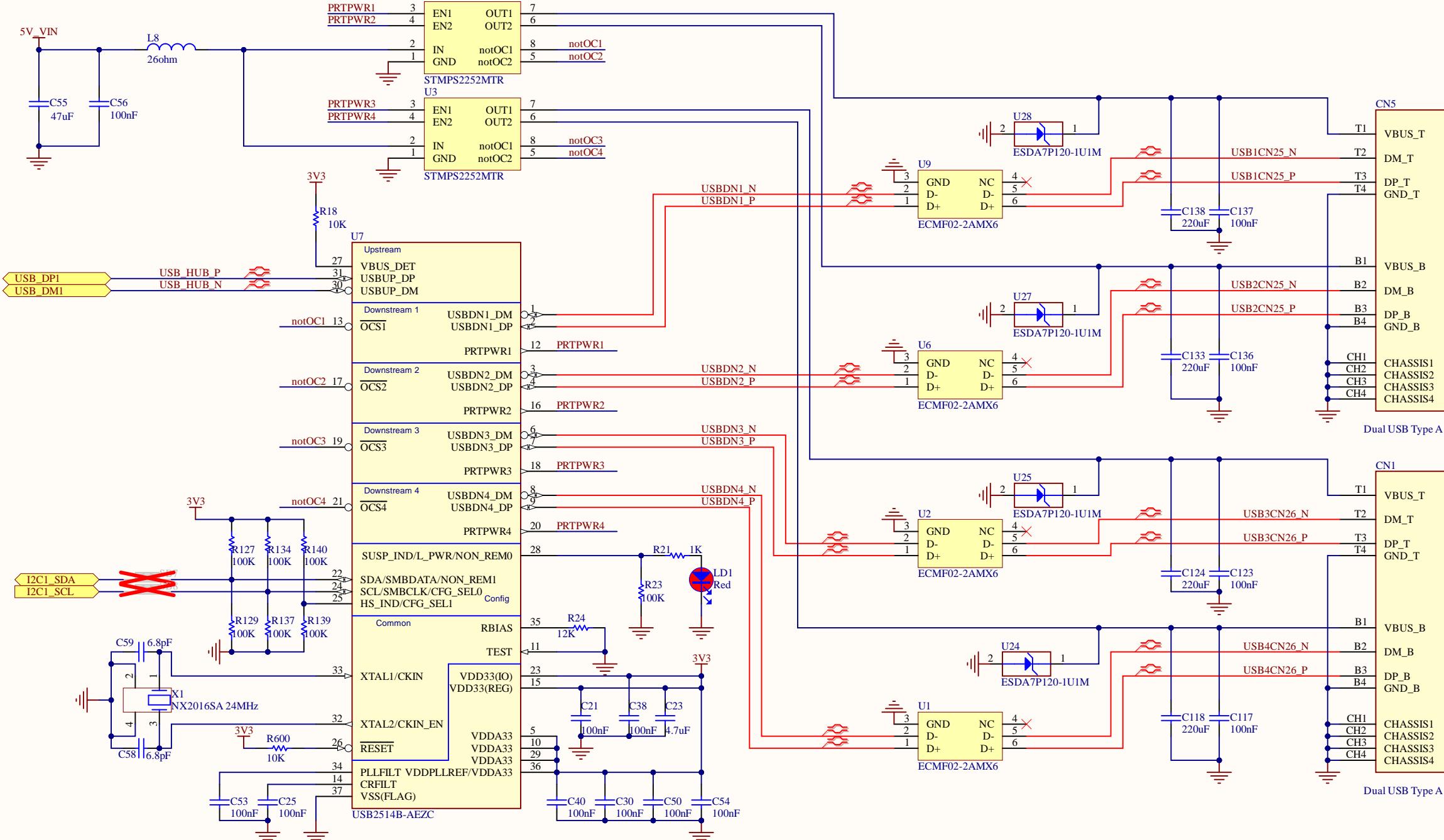






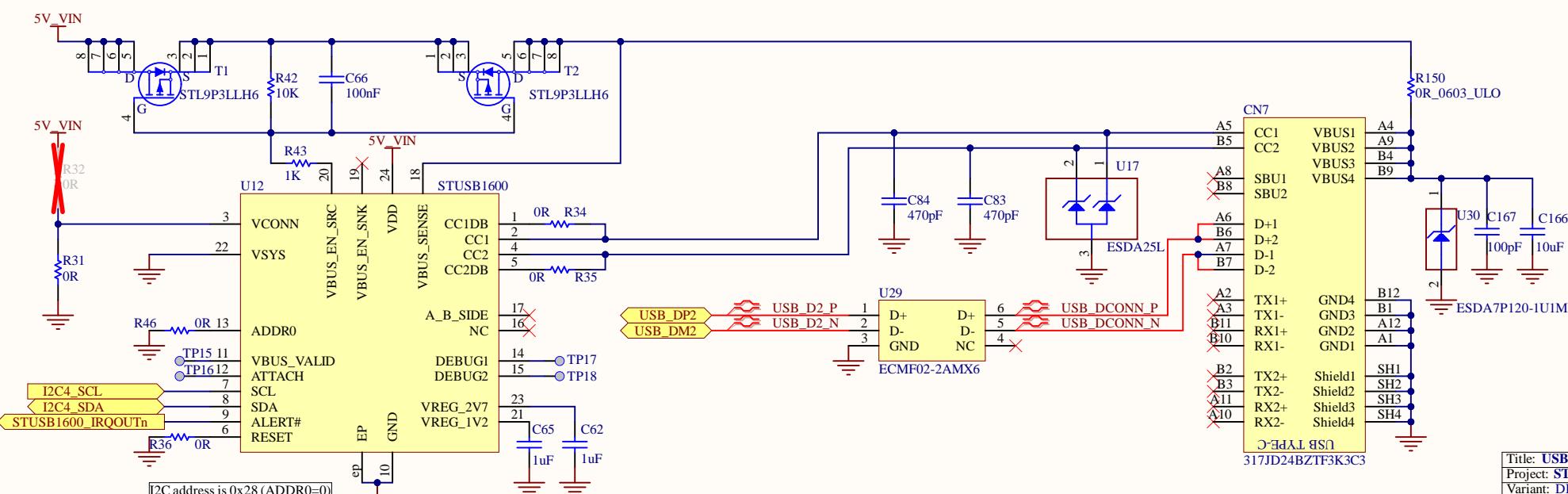


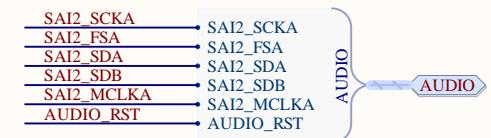
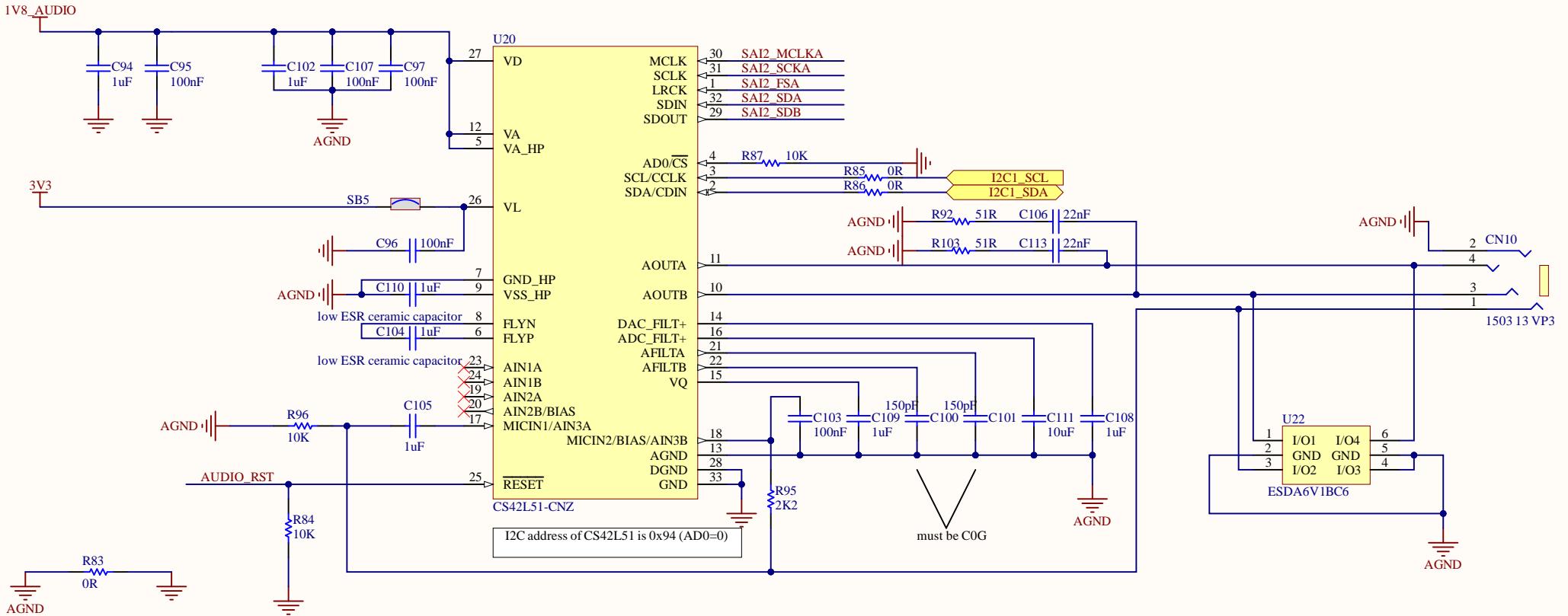
USB_HOST_HUBx4



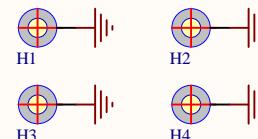
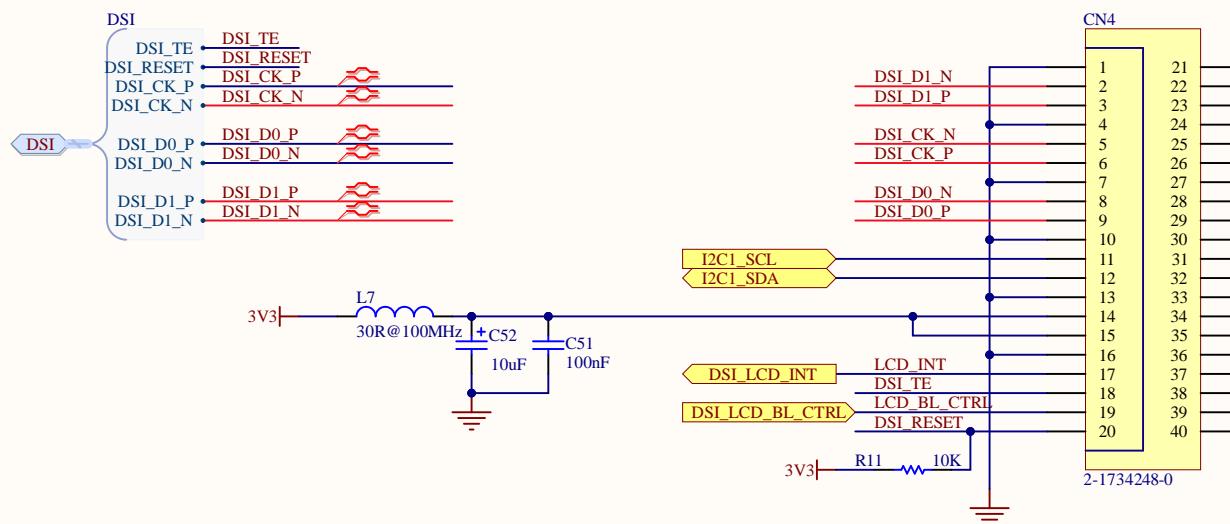
USB_TYPE_C_DRP

Source only

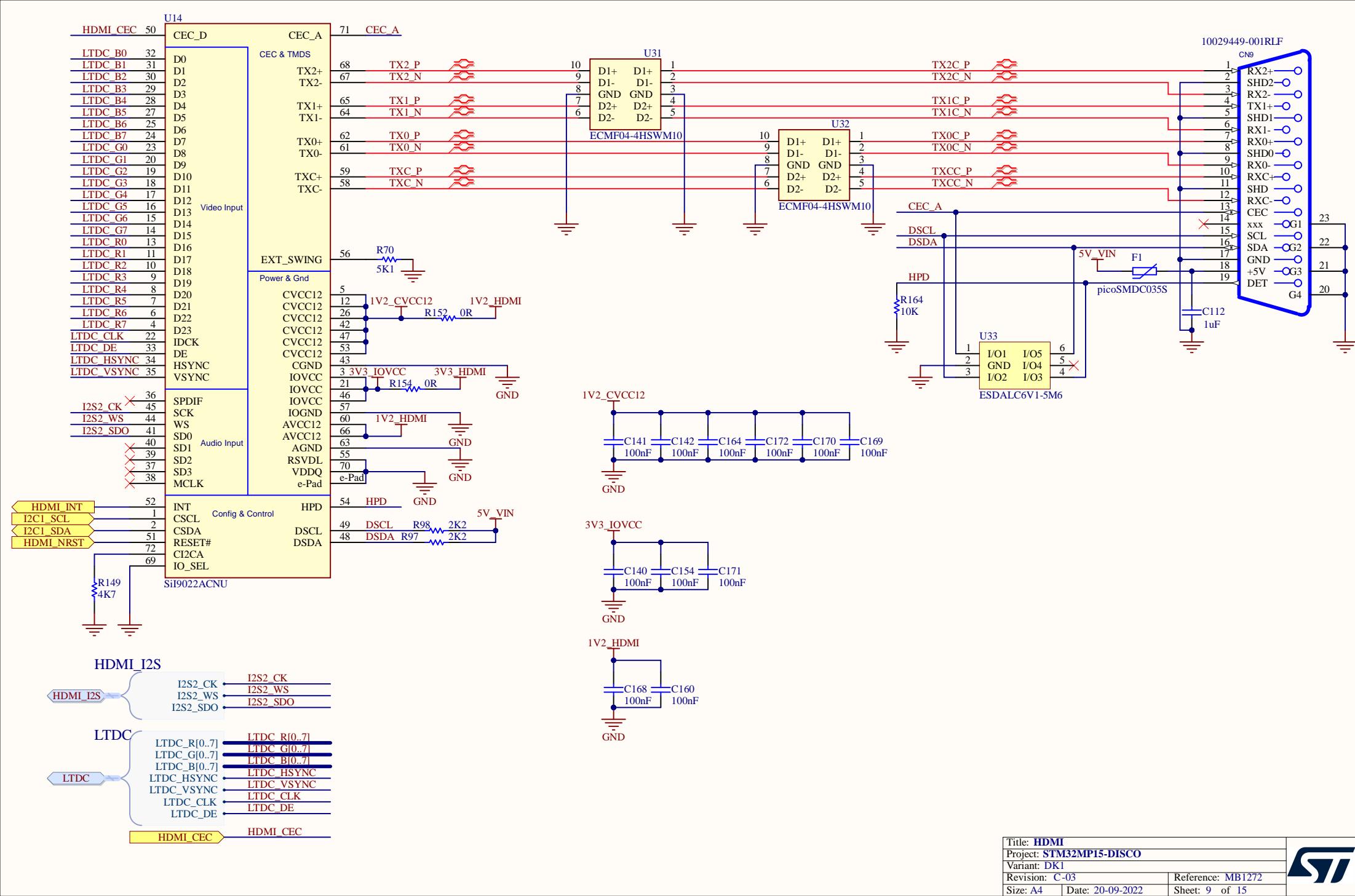




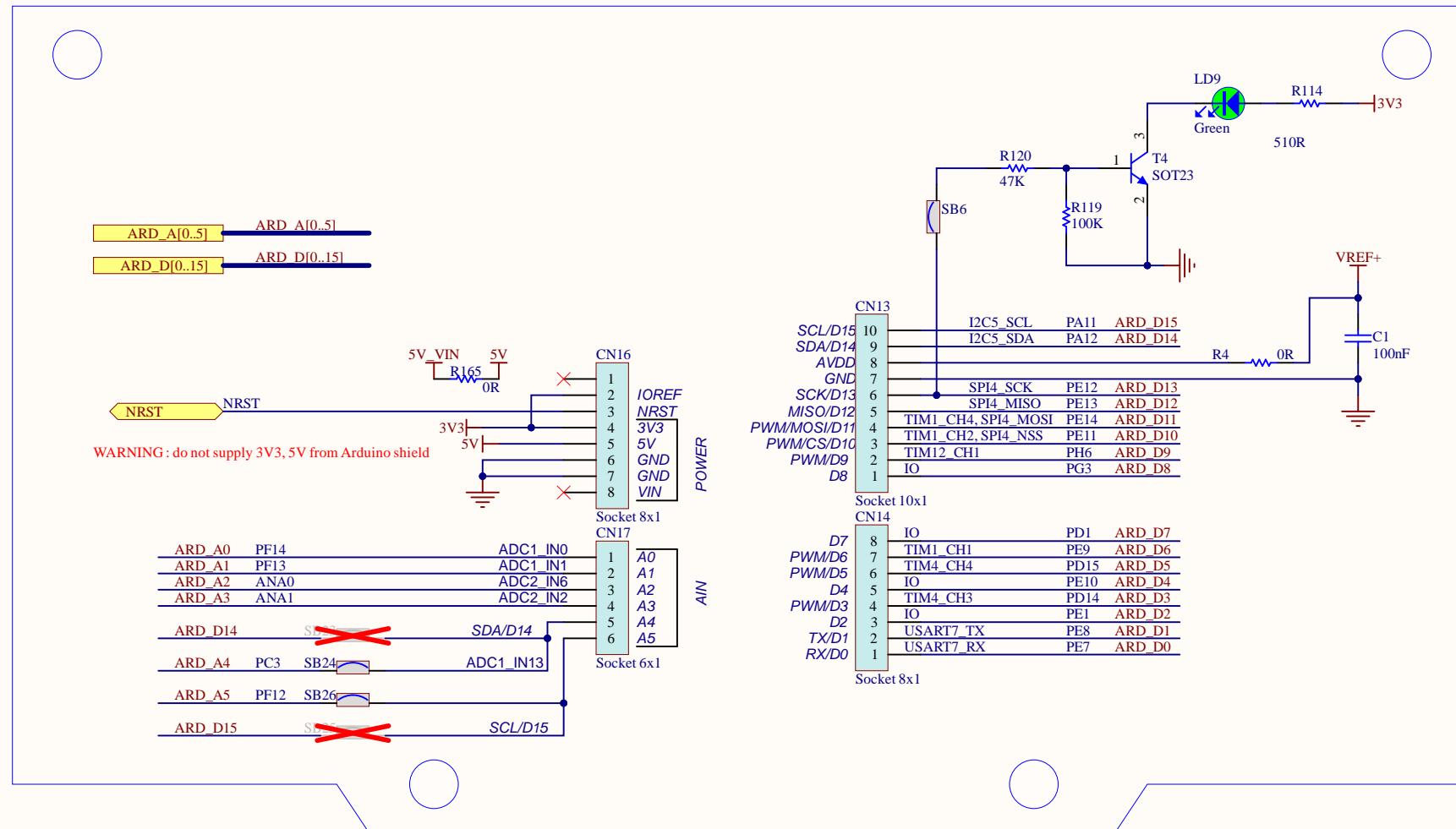
MB1407 I2C Address : 0101 0100



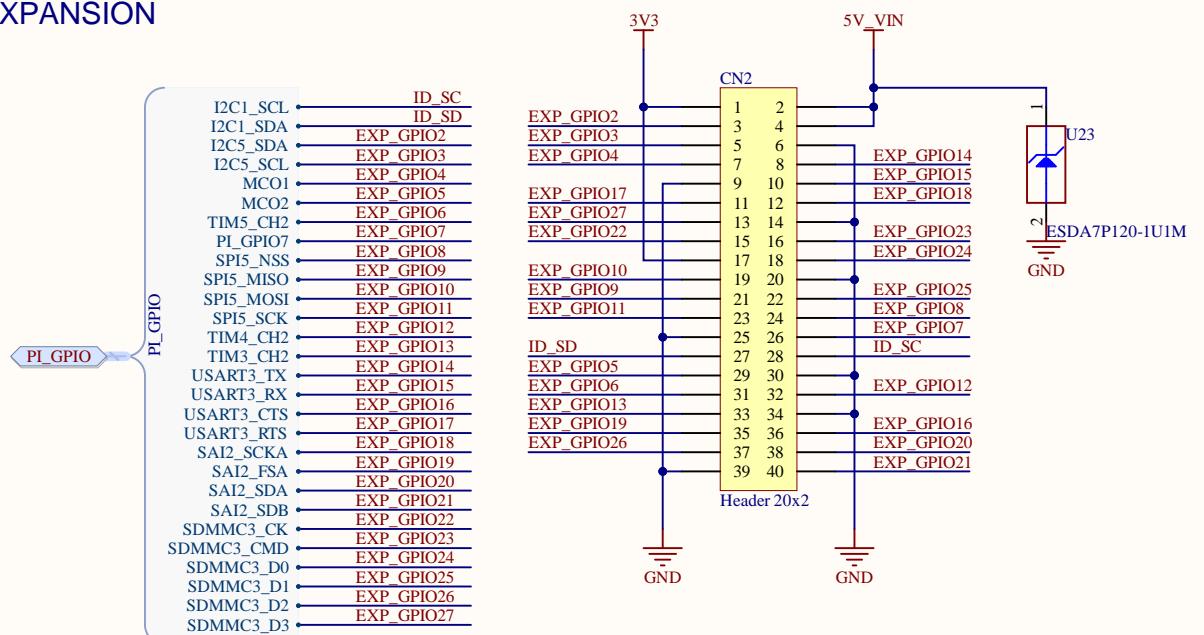
Title: DSI_LCD_connector	Project: STM32MP15-DISCO	Variant: DK1
Revision: C-03	Reference: MB1272	
Size: A4	Date: 20-09-2022	Sheet: 8 of 15

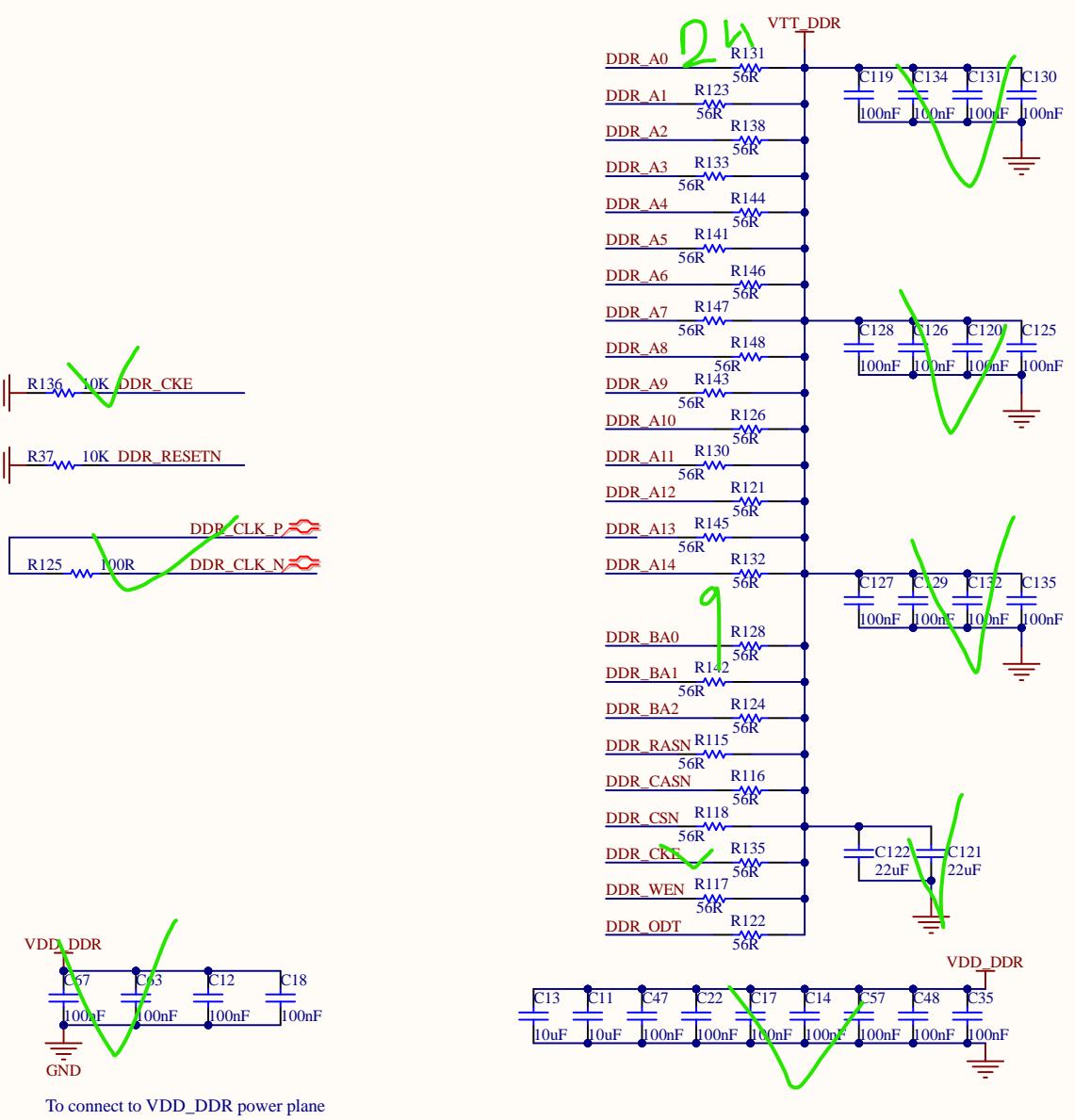
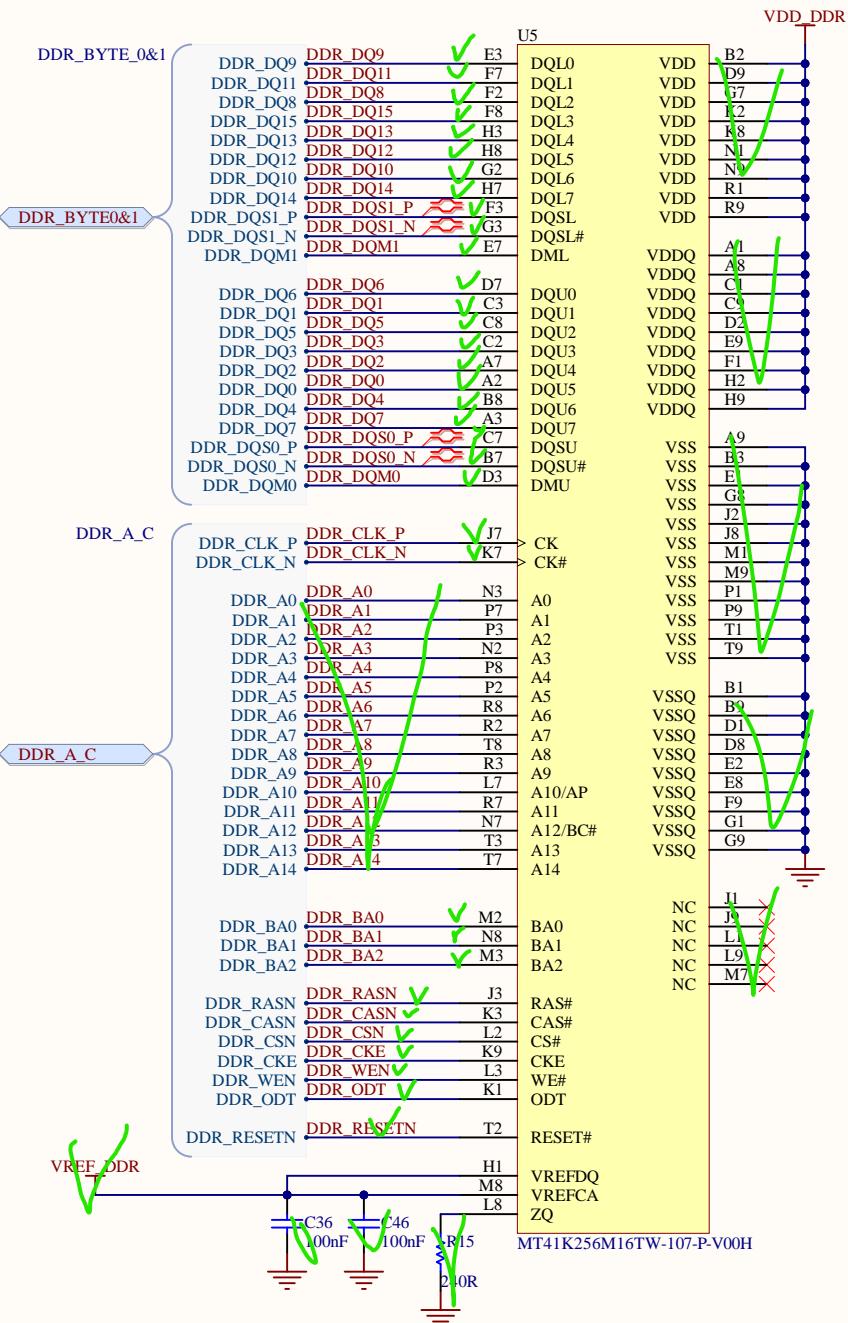


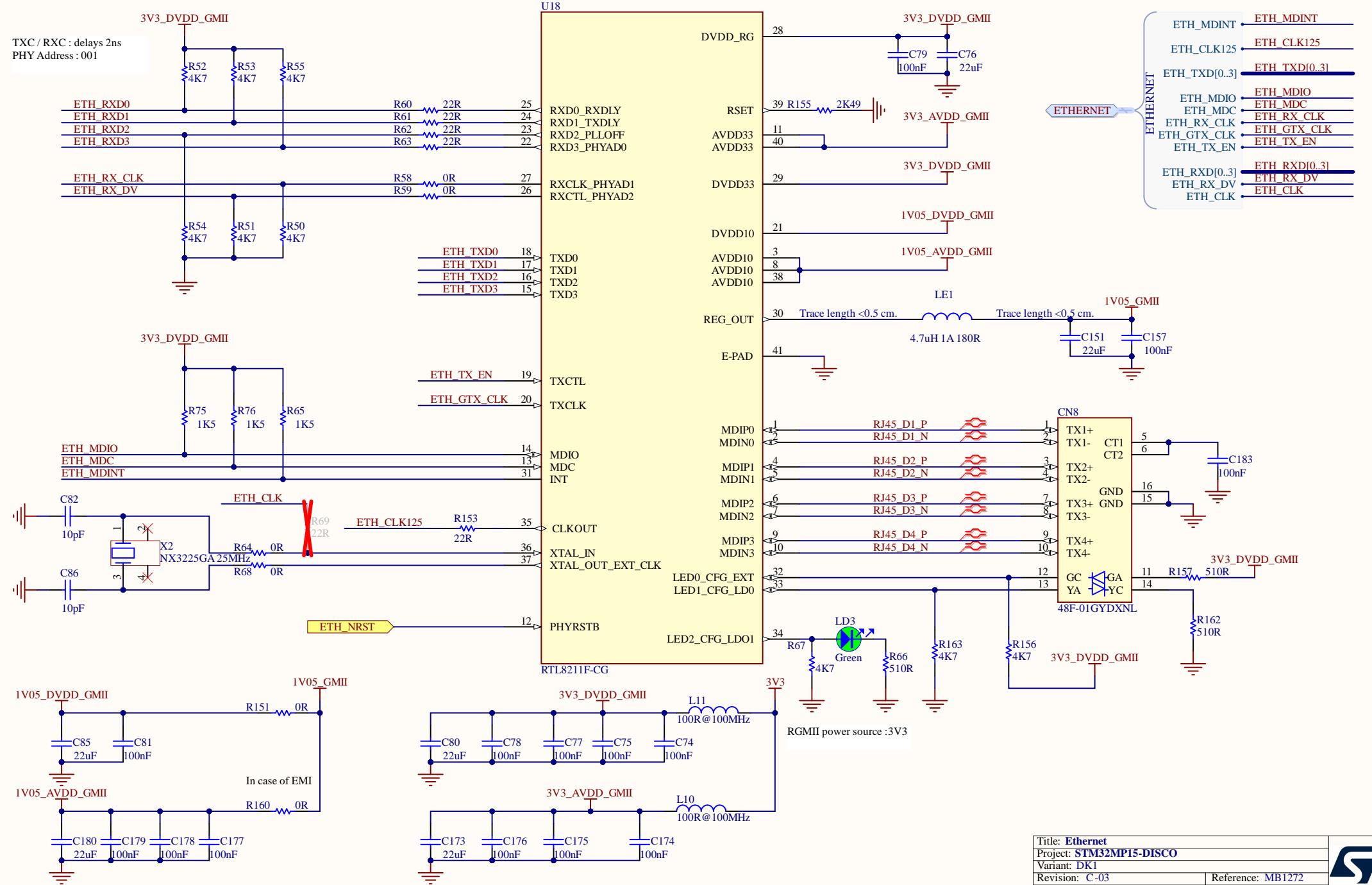
ARDUINO UNO connector



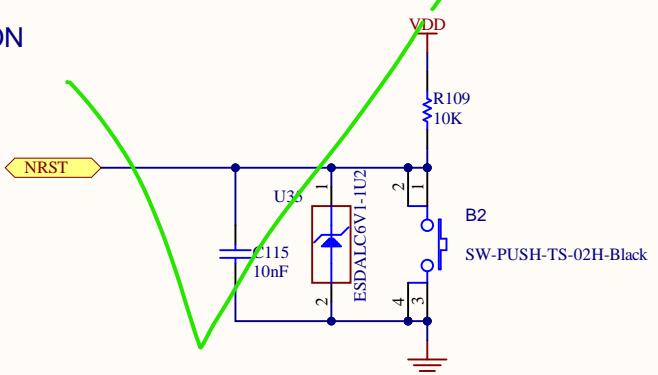
GPIO EXPANSION



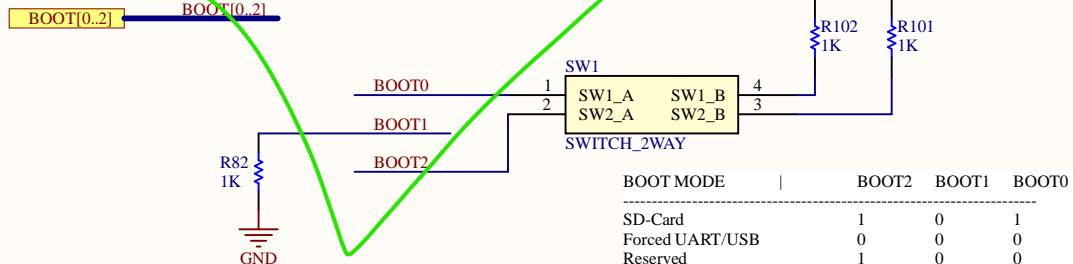




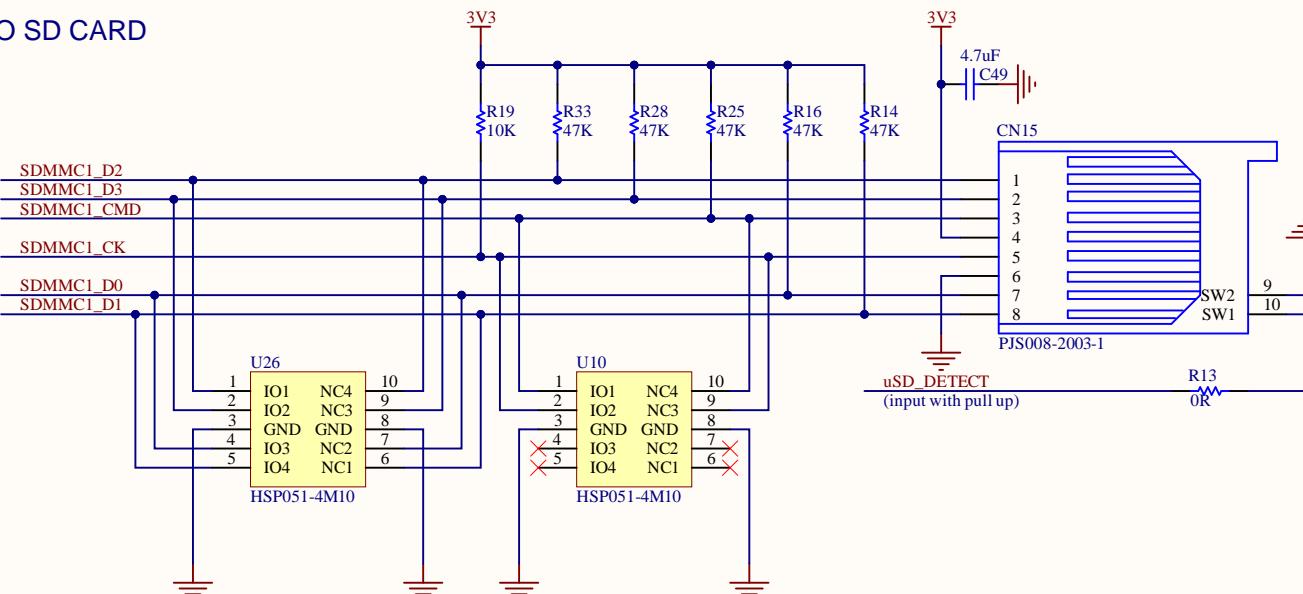
RESET BUTTON



BOOT MODE

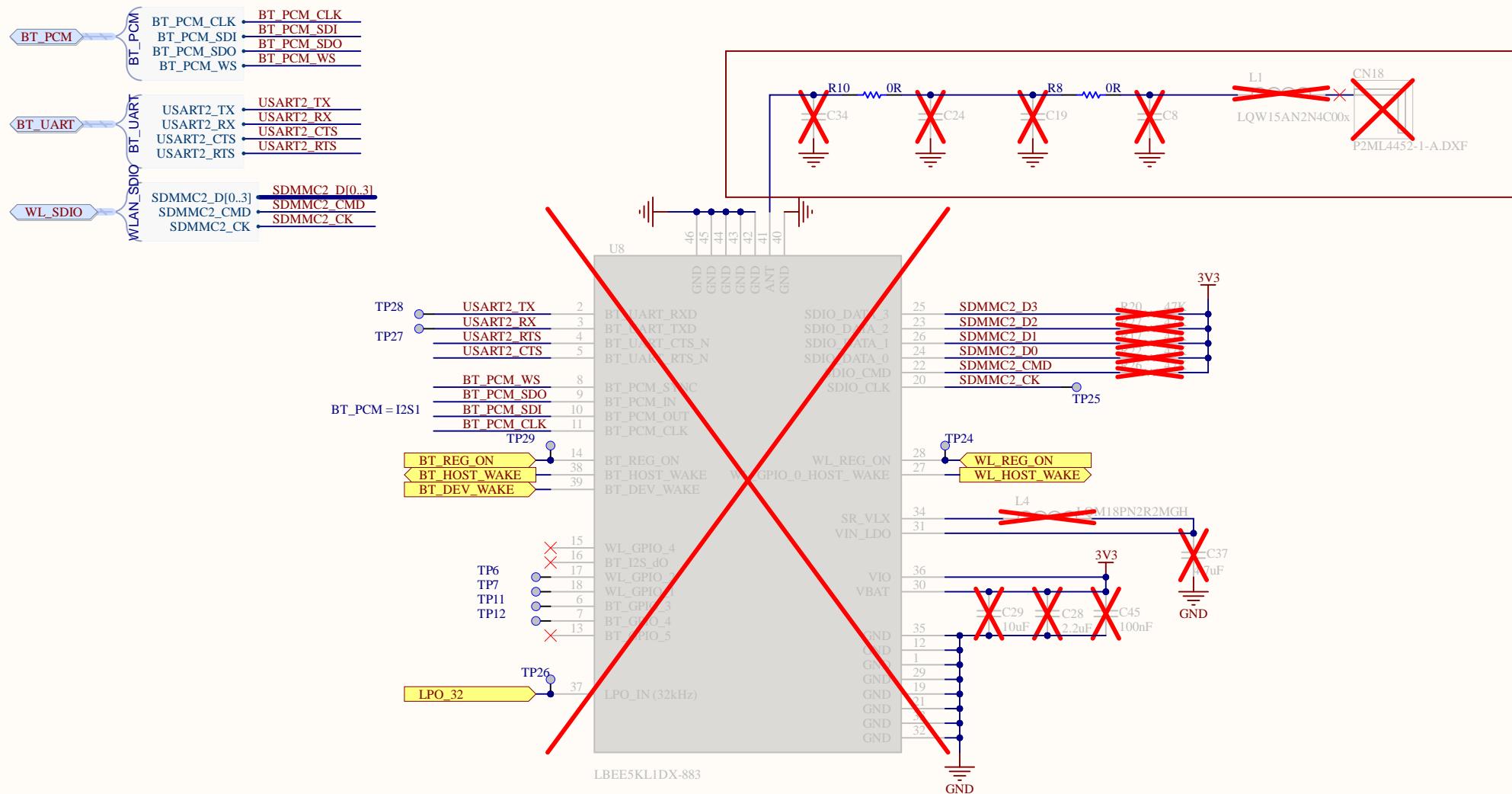


MICRO SD CARD

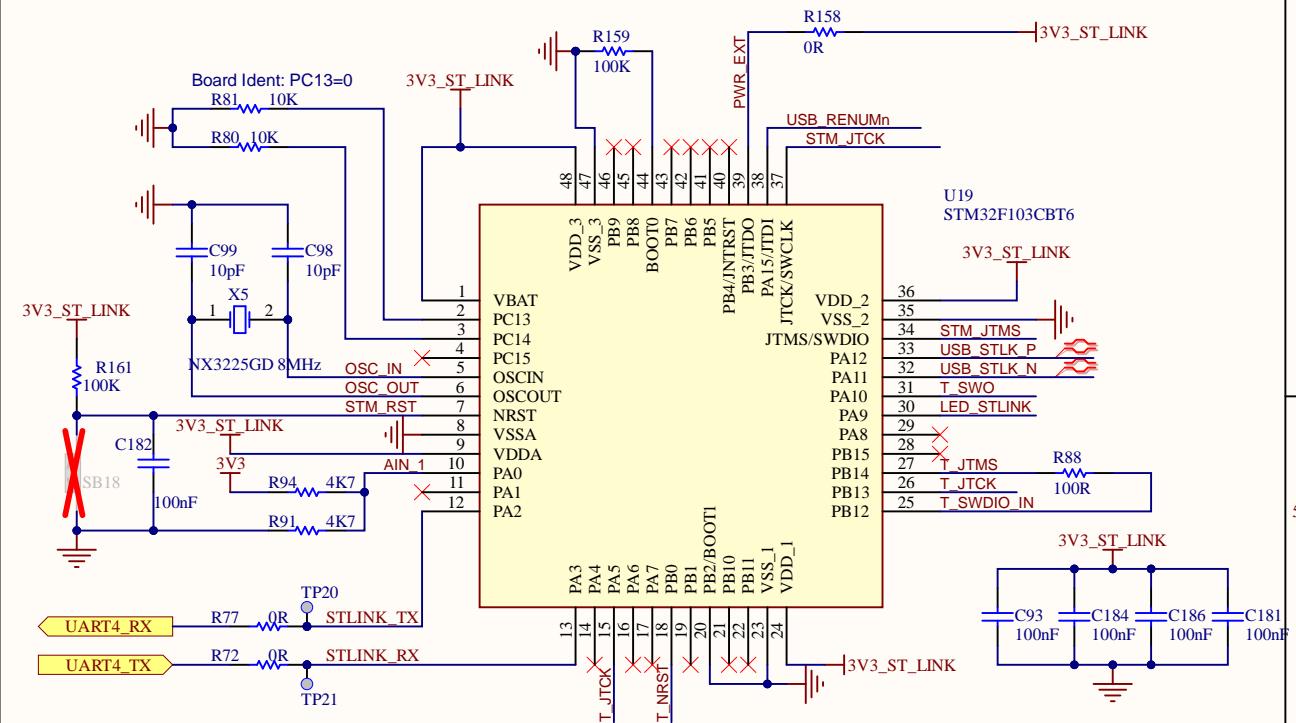


Title: Peripherals	
Project: STM32MP15-DISCO	
Variant: DK1	
Revision: C-03	
Size: A4	Date: 20-09-2022
Reference: MB1272	Sheet: 13 of 15





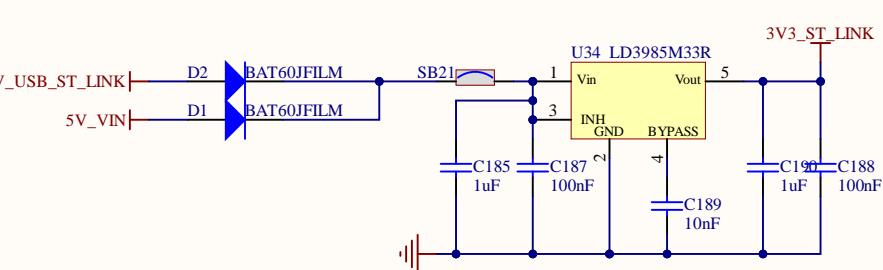
ST-LINK MCU



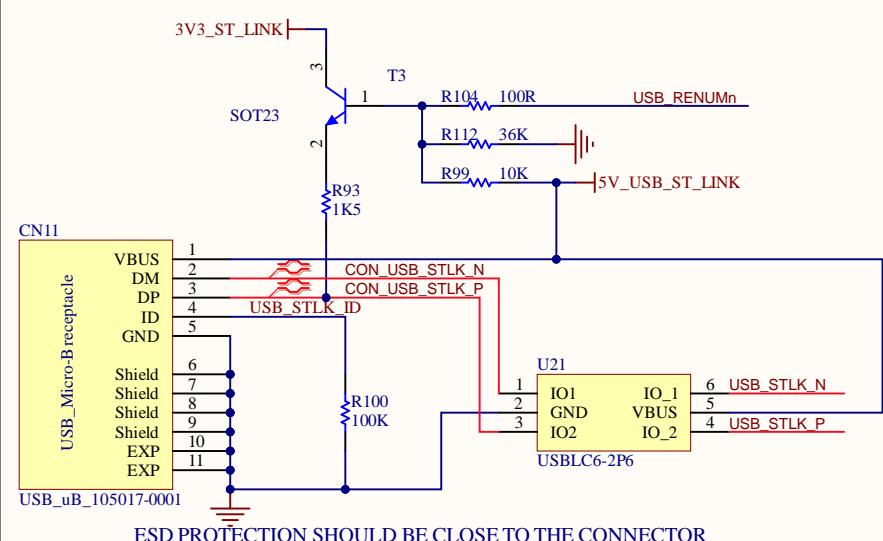
SWD INTERFACE



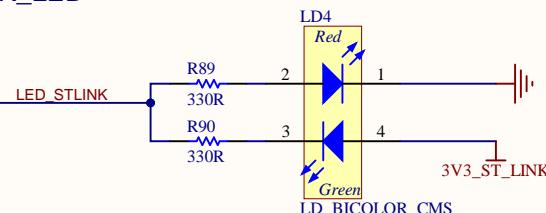
ST-LINK POWER 3V3 / 150mA



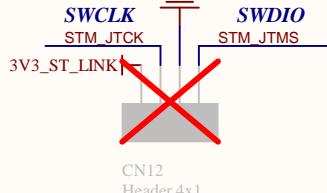
ST-LINK USB CONNECTOR



STLINK_LED



ST-LINK DFU



Must be on a border of the PCB.

Title: ST-LINK/V2-1 with support of SWD only

Project: STM32MP15-DISCO

Variant: DK1

Revision: C-03

Reference: MB1272

Size: A4 | Date: 20-09-2022

Sheet: 15 of 15

