

STM32MP15-DISCO

MB1272

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Legend

New in Rev C : X6 OSC, 100nF->1uF on C147 to C161, C191/C192 added, X1 NDK reference, ANA0/1 -> ARD_A2/3
New in Rev C02 : 1uF->2.2uF C64,C72,C73 , STM32MP157CAC1 to STM32MP157FAC1
Text to be added to silkscreen.

Warning text.

⚠ Notes to generate the board layout.

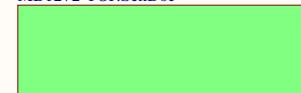
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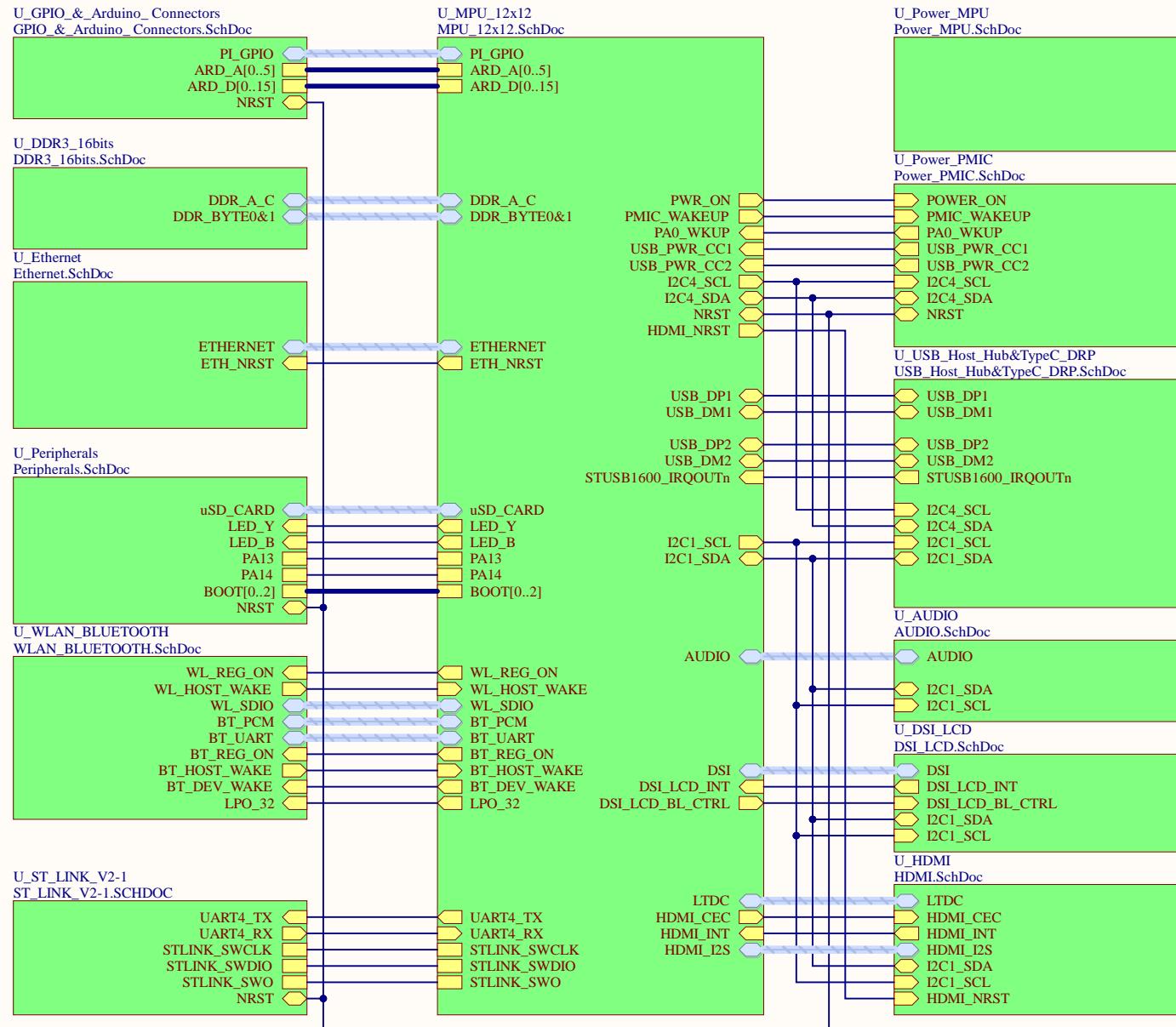
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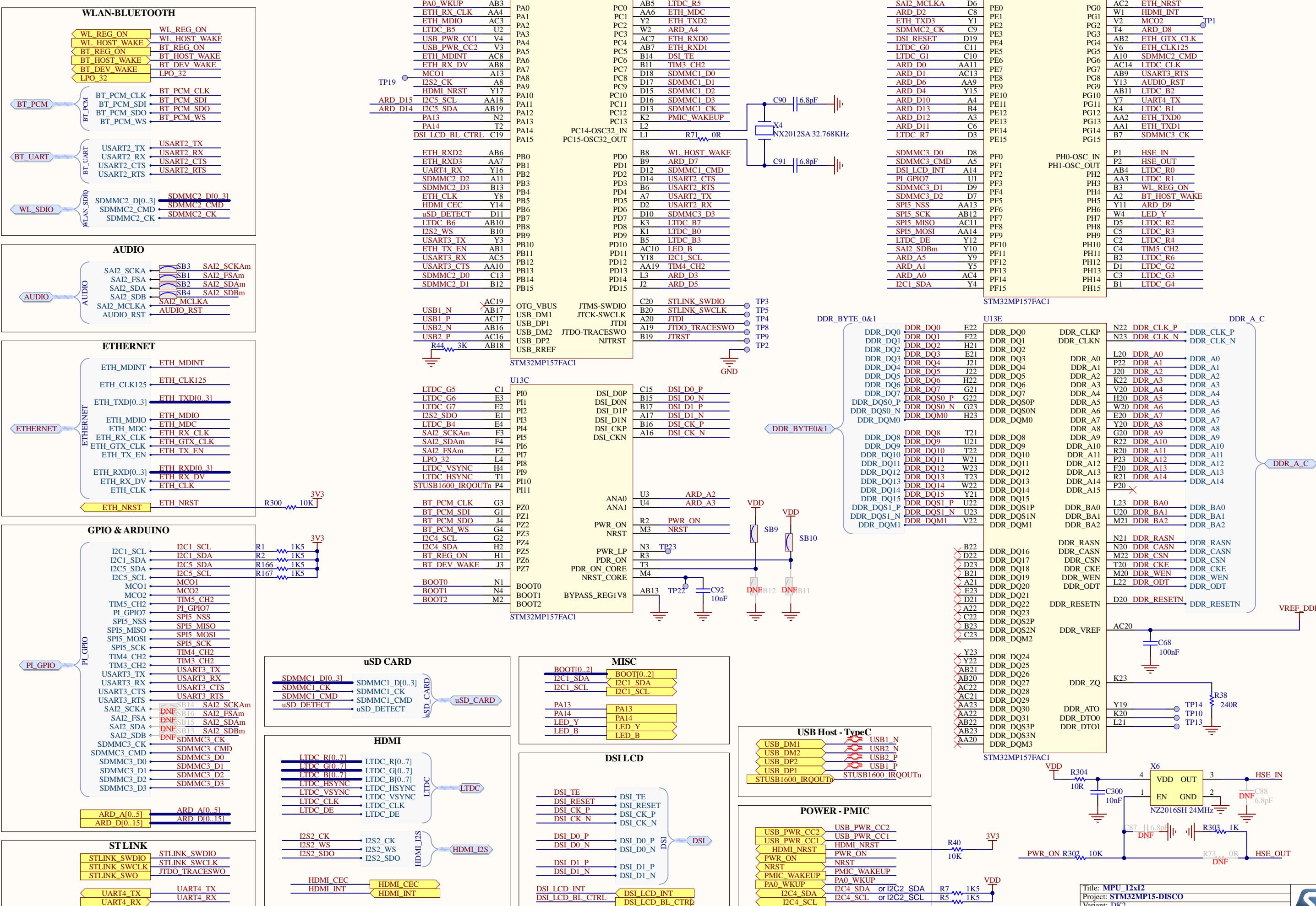
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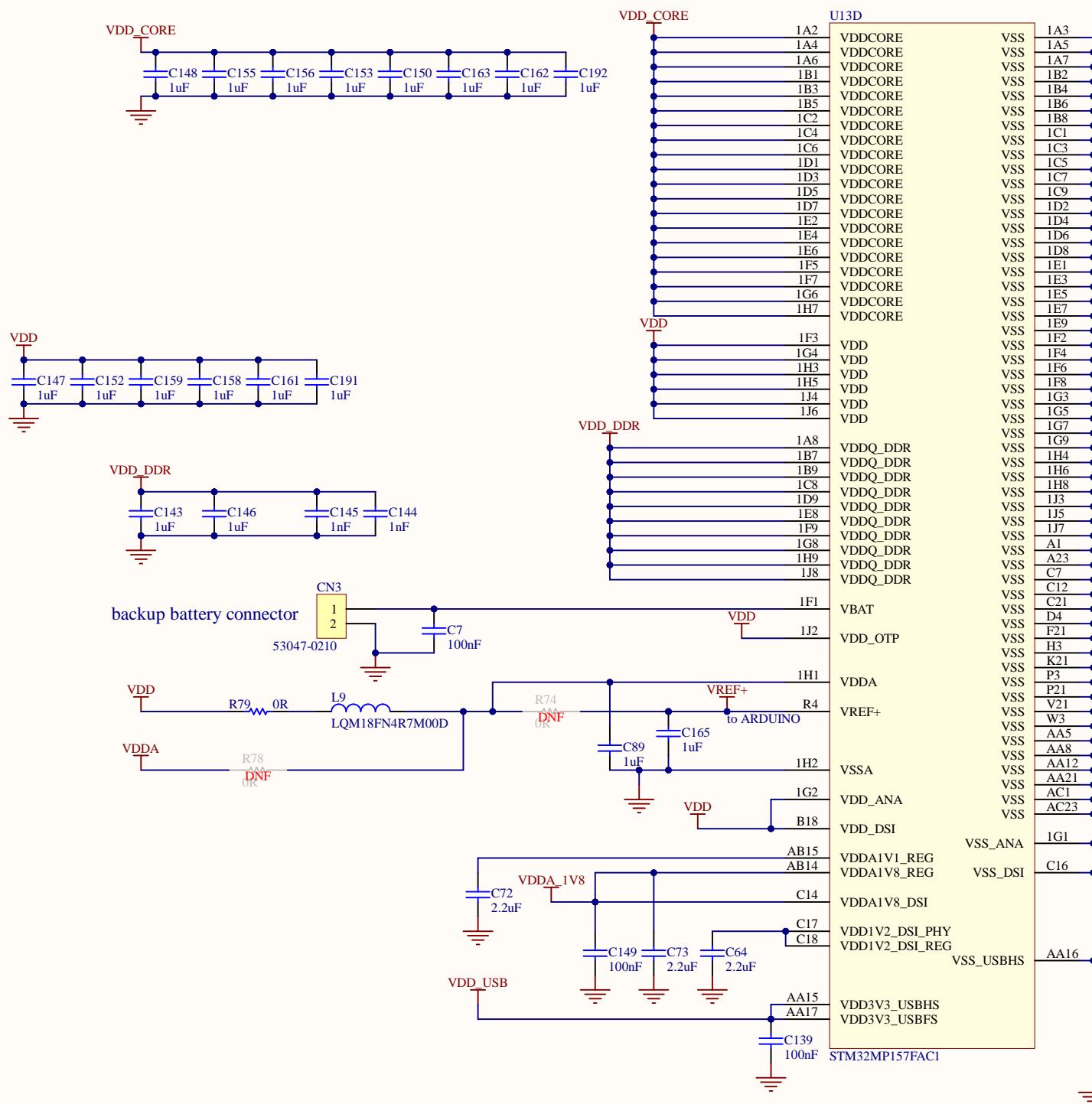
U_MB1272-TOP
MB1272-TOP.SchDoc

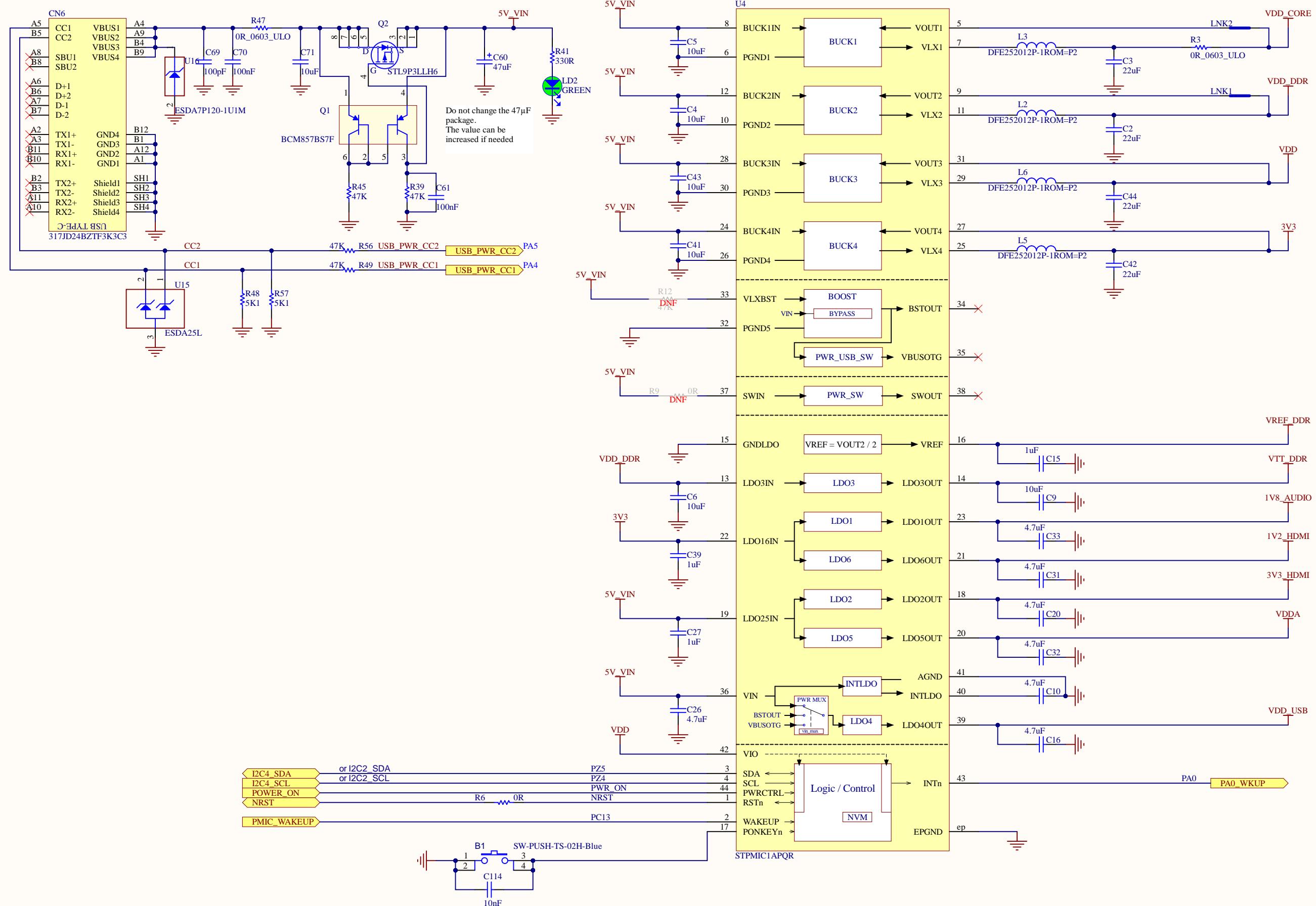


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Variant: DK2	Revision: C-02	
Date: 08-02-18	Reference: MB1272	

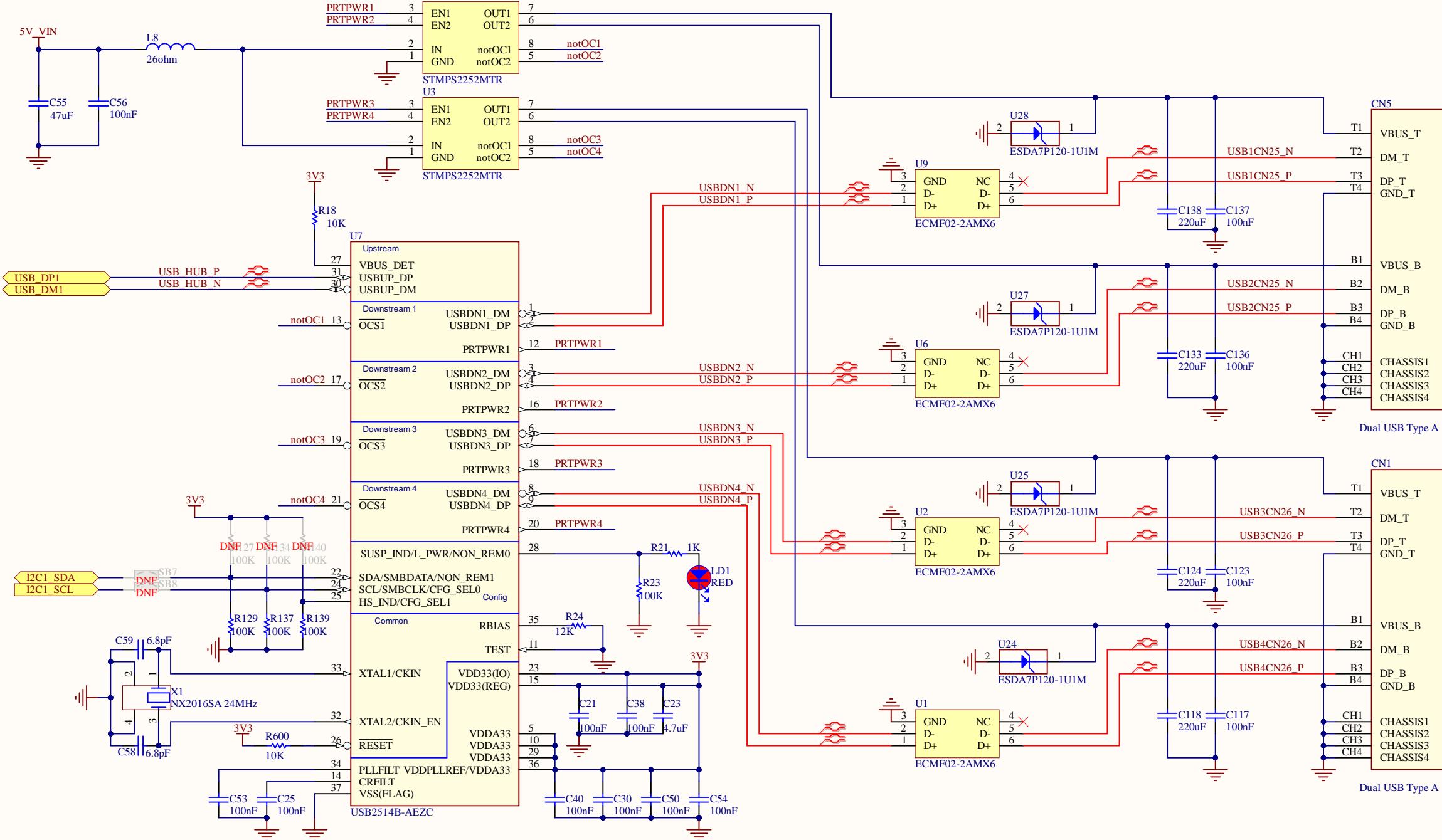






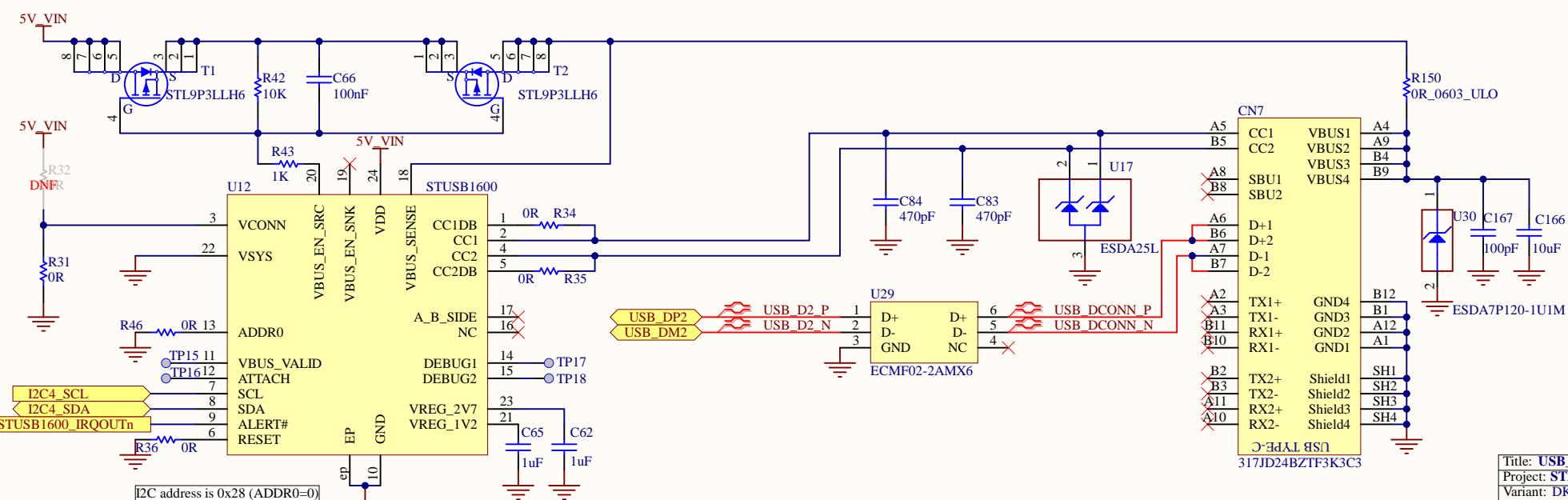


USB_HOST_HUBx



USB_TYPE_C_DRP

Source only



Title: USB_Host_Hub&TypeC_DRP

Project: STM32MP15-DISCO

Variant: DK2

Revision: C-02

Reference: MB1272

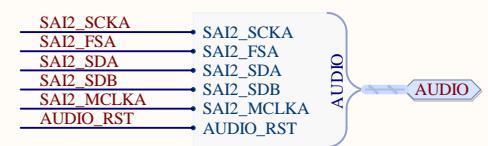
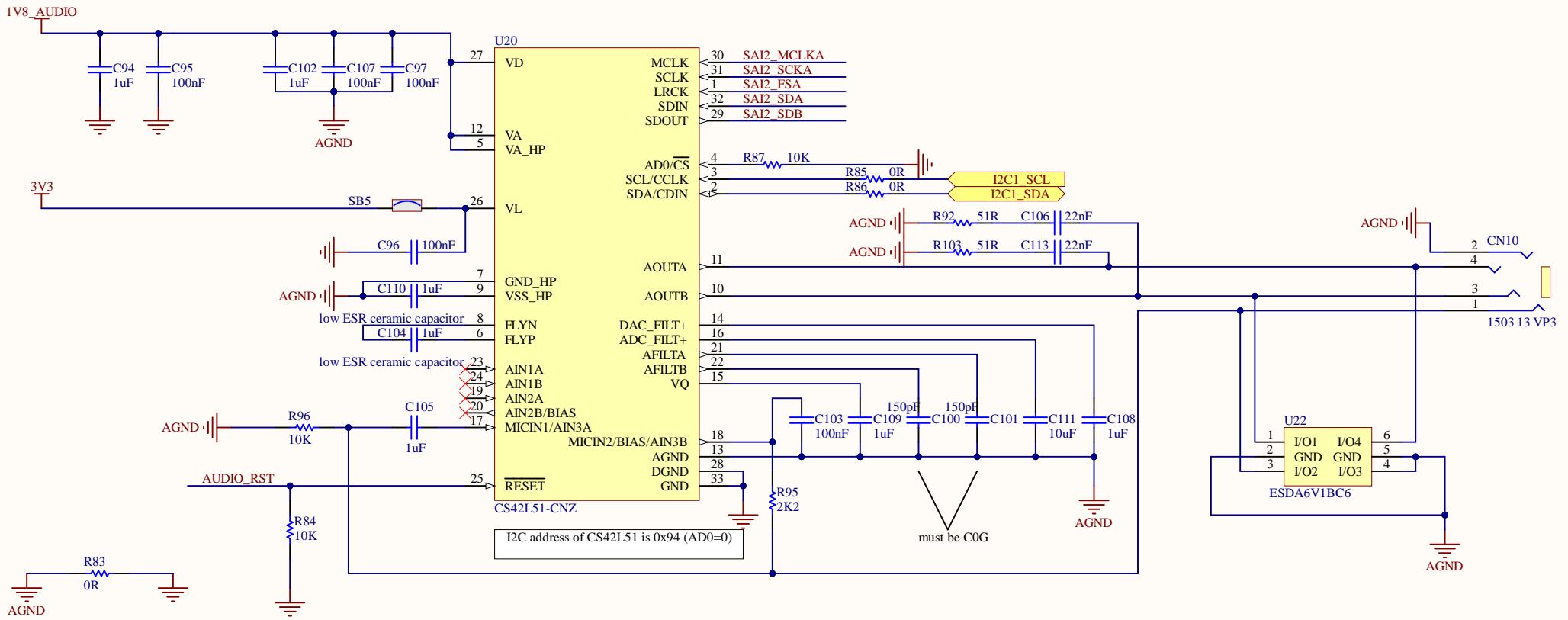
Size: A3

Date: 08-02-18



life.augmented

Sheet: 6 of 15

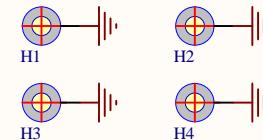
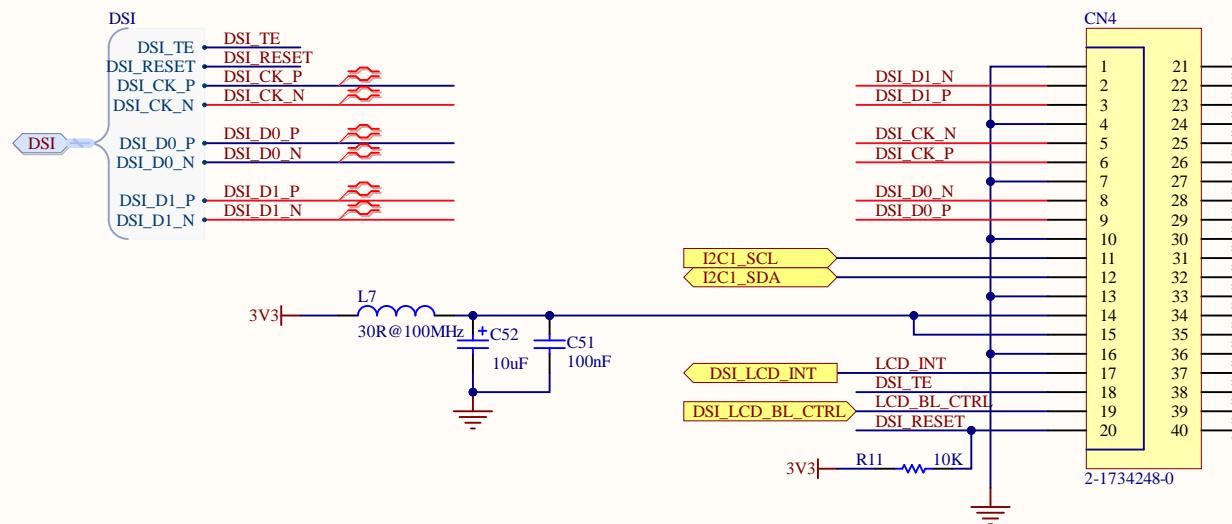


Title: AUDIO		
Project: STM32MP15-DISCO		
Variant: DK2		
Revision: C-02	Reference: MB1272	
Size: A4	Date: 08-02-18	Sheet: 7 of 15

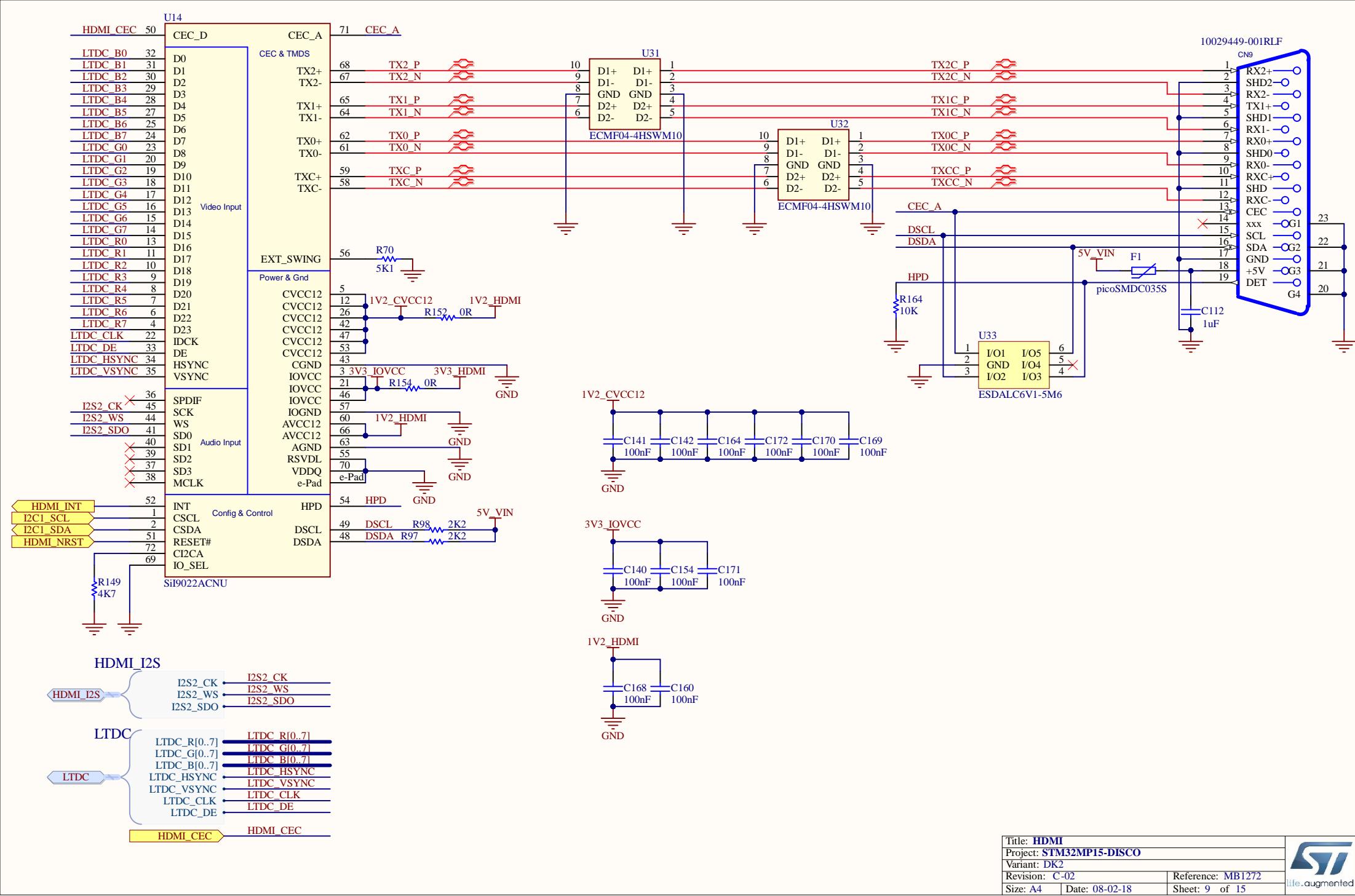


life...augmented

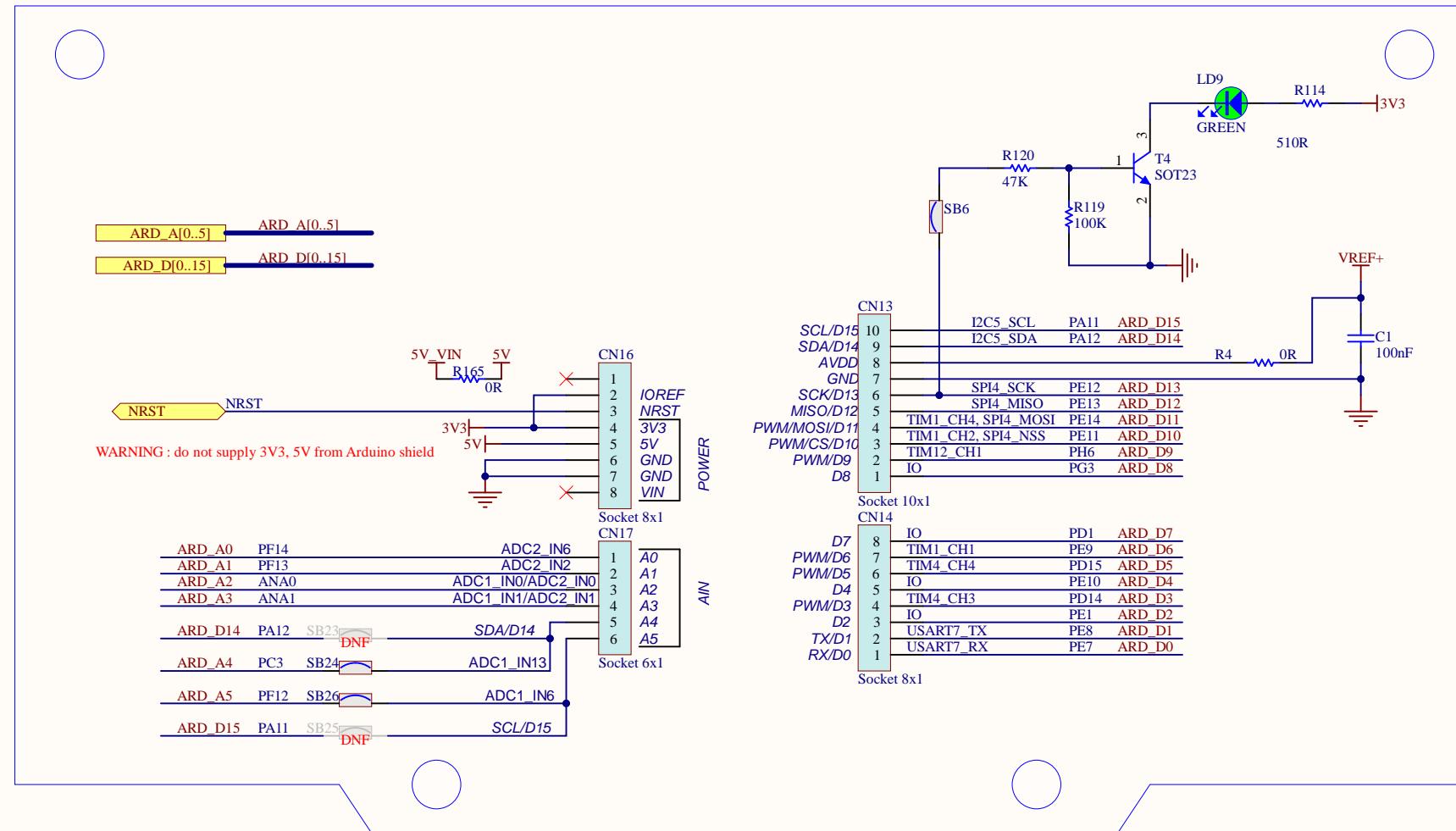
MB1407 I2C Address : 0101 0100



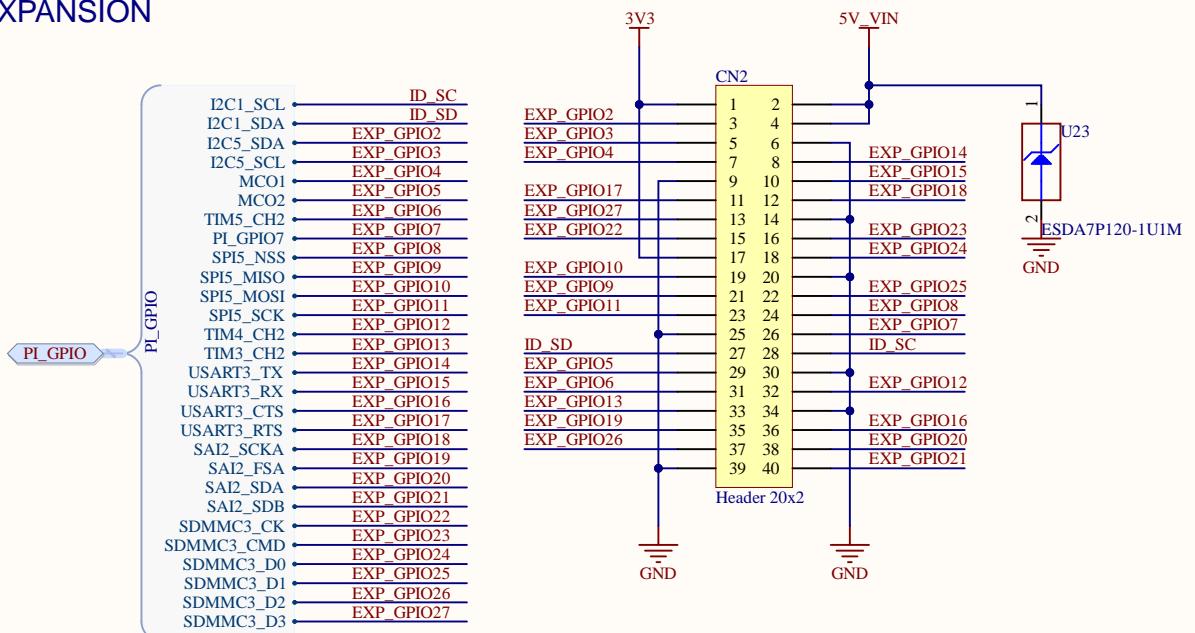
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Project: STM32MP15-DISCO			
Variant: DK2			
Revision: C-02			
Size: A4		Reference: MB1272	
Date: 08-02-18		Sheet: 8 of 15	

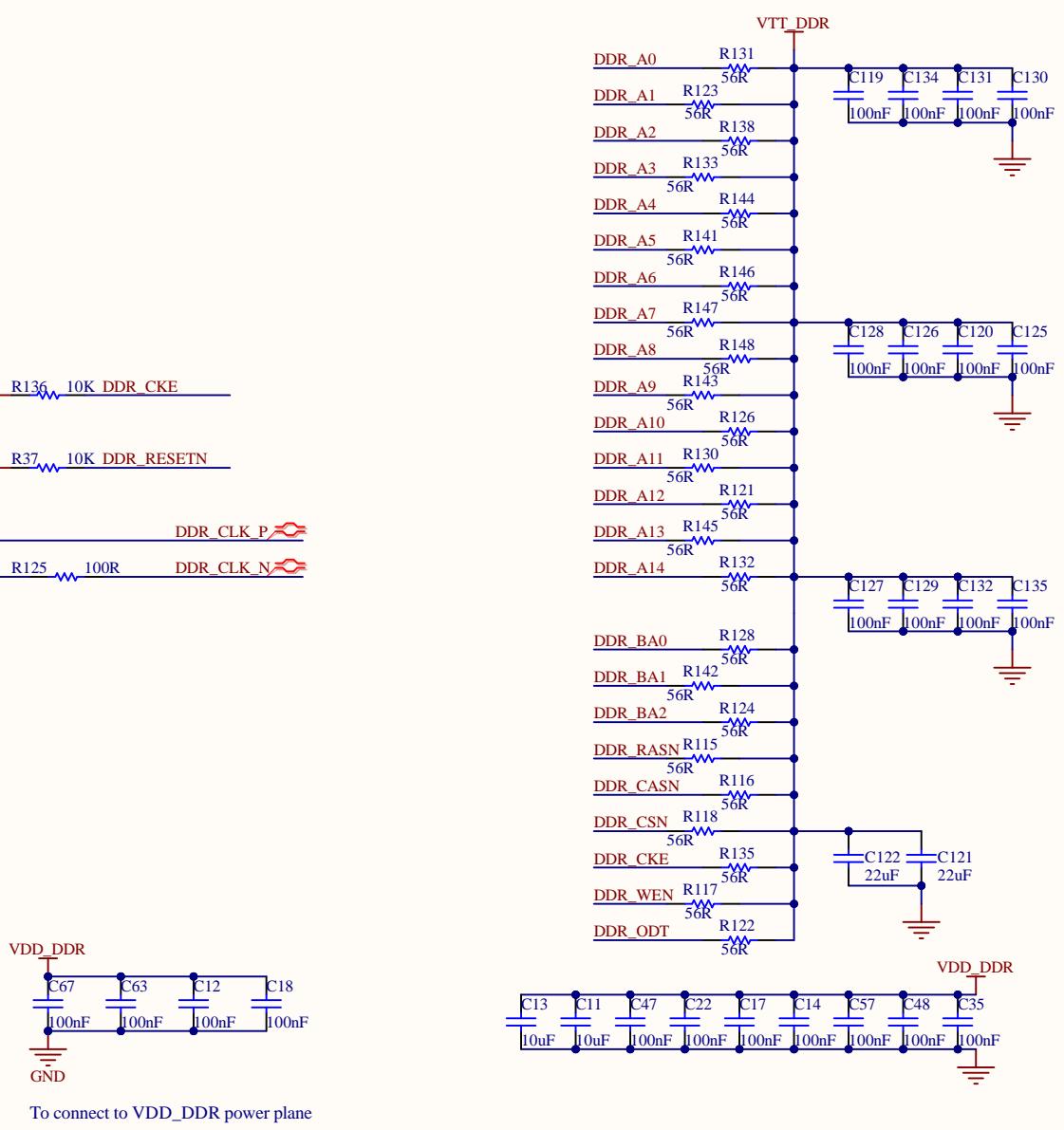
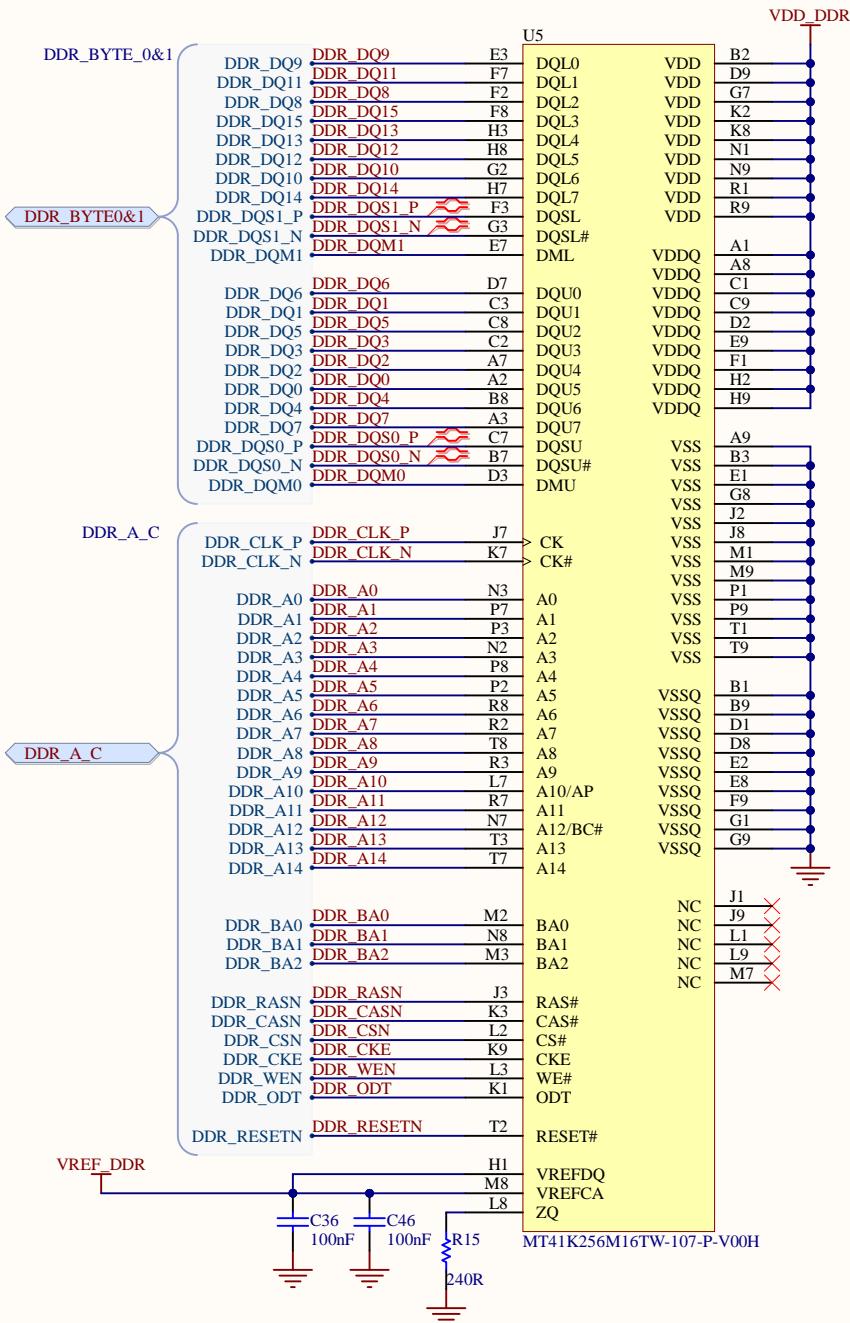


ARDUINO UNO connector

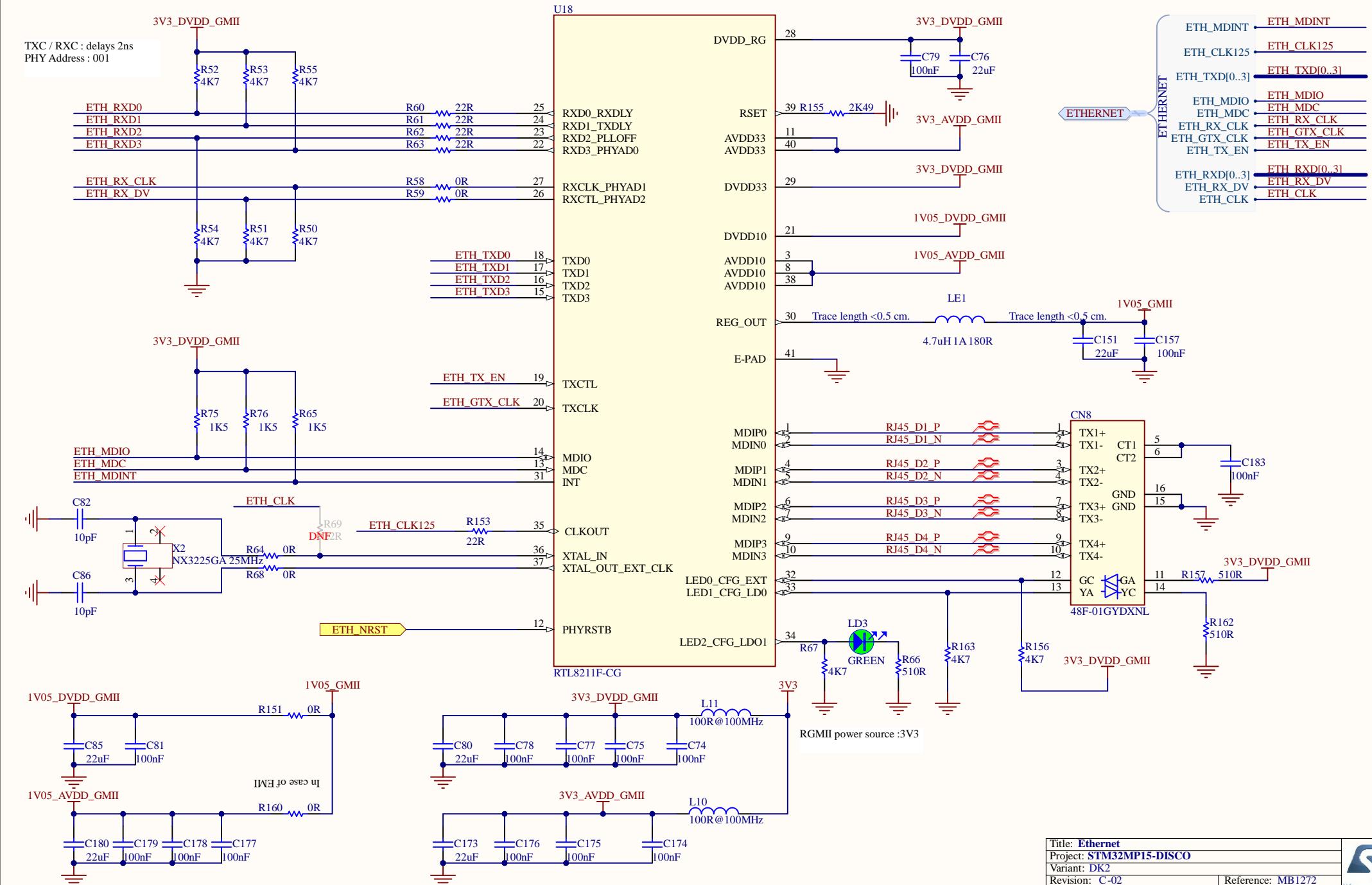


GPIO EXPANSION





To connect to VDD_DDR power plane



Title: **Ethernet**

Project: STM32MP15-DISC

Variant: I

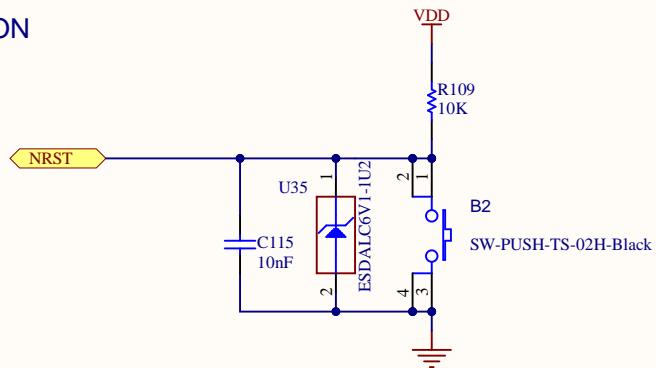
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Size: A4 Date: 08-02-18



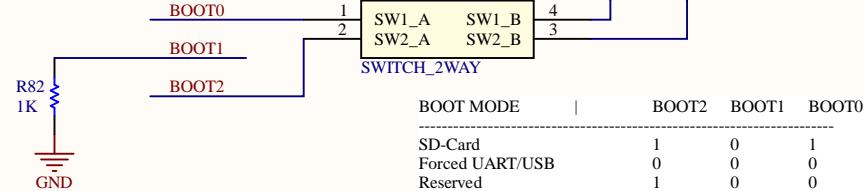
life.augmented

RESET BUTTON

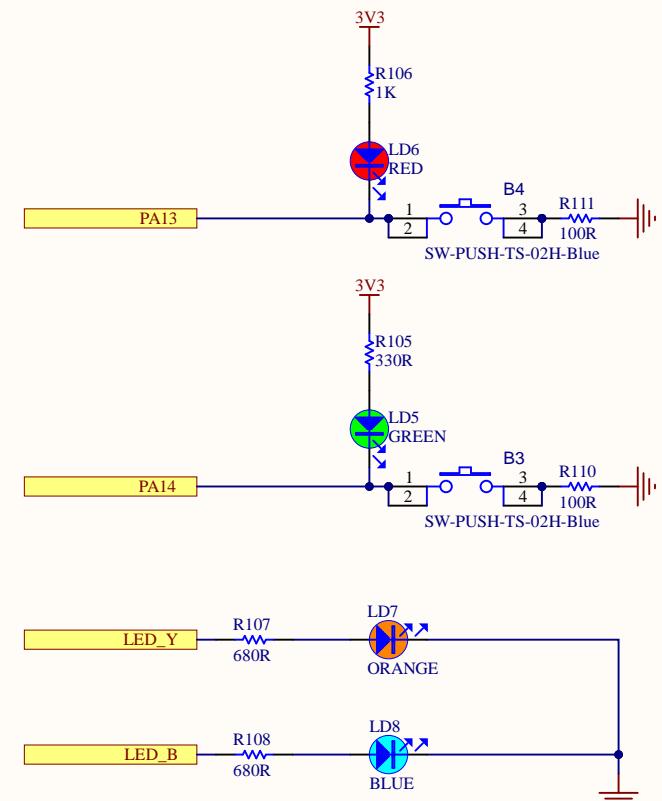
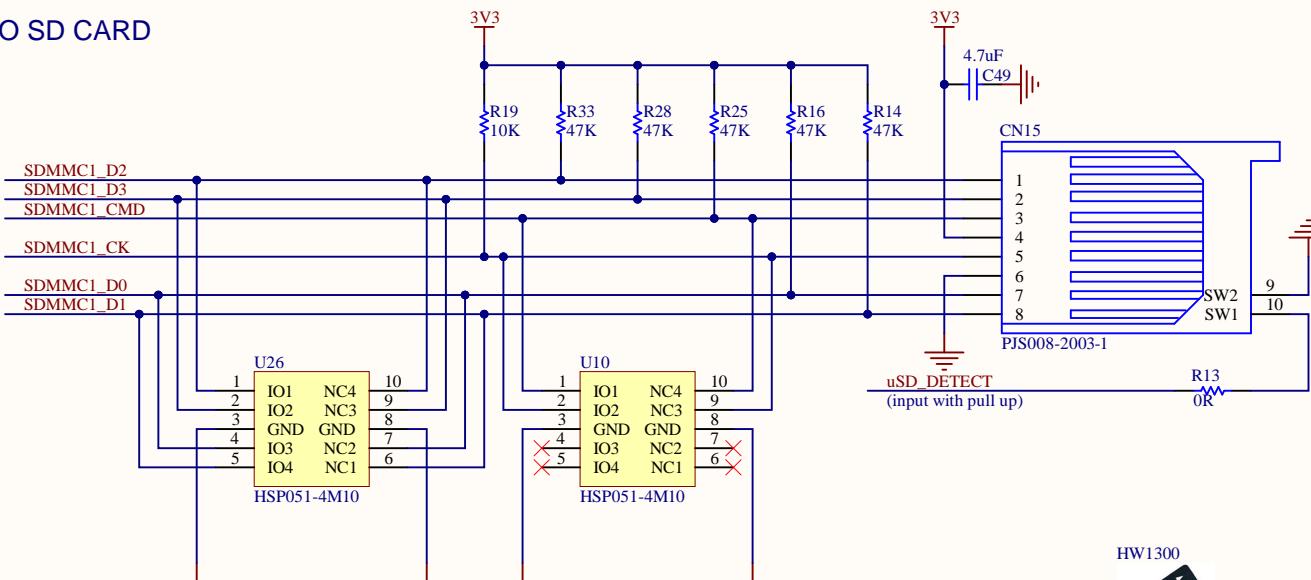


BOOT MODE

BOOT[0..2]



MICRO SD CARD

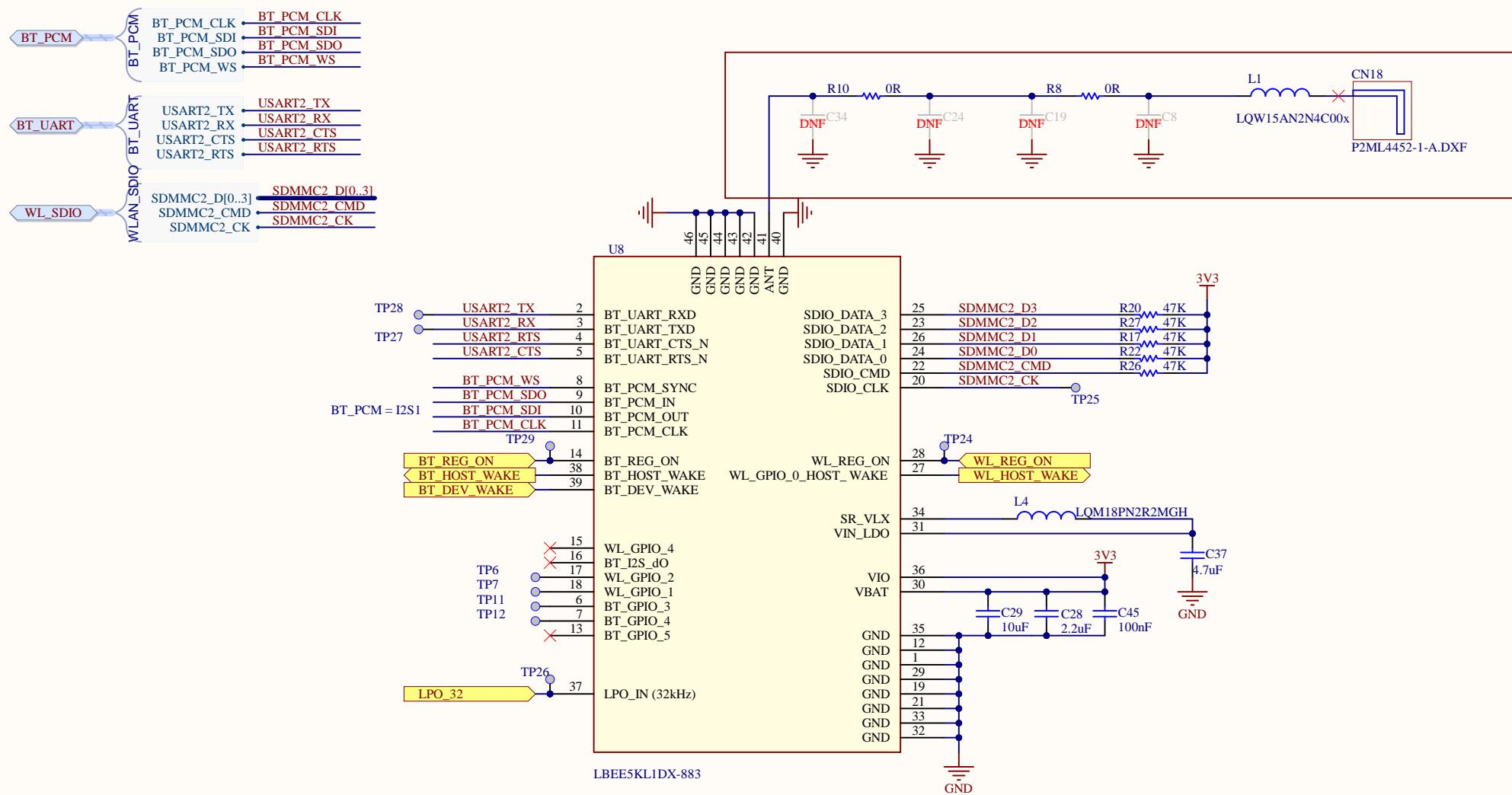


HW1302
BOARD CPN
Board CPN

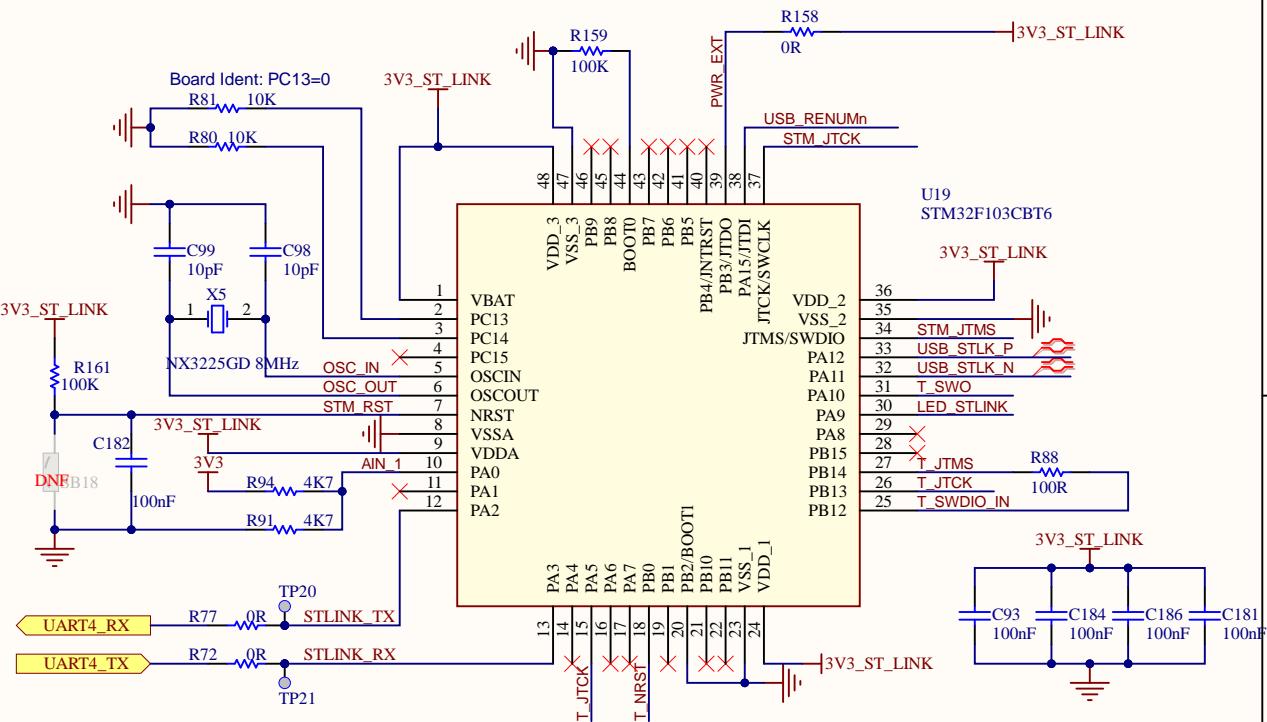
HW1303
BOARD REF
MBxxxx-zz sywwxxxxx

HW1301
PCB
MBxxxx

Title: Peripherals	Project: STM32MP15-DISCO	ST logo
	Variant: DK2	
	Revision: C-02	Reference: MB1272
Size: A4	Date: 08-02-18	Sheet: 13 of 15



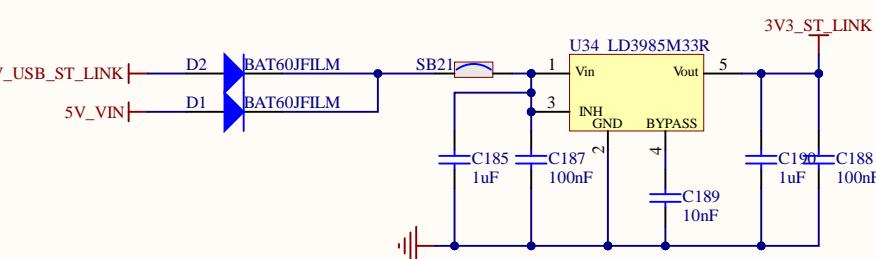
ST-LINK MCU



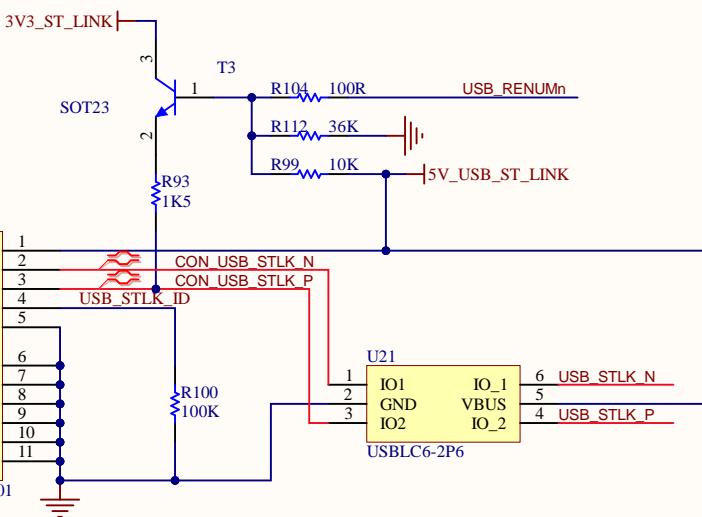
SWD INTERFACE



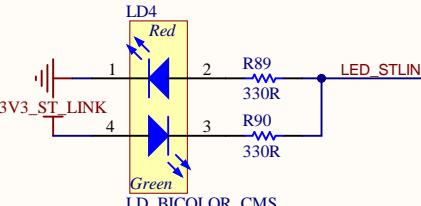
ST-LINK POWER 3V3 / 150mA



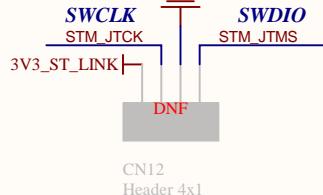
ST-LINK USB CONNECTOR



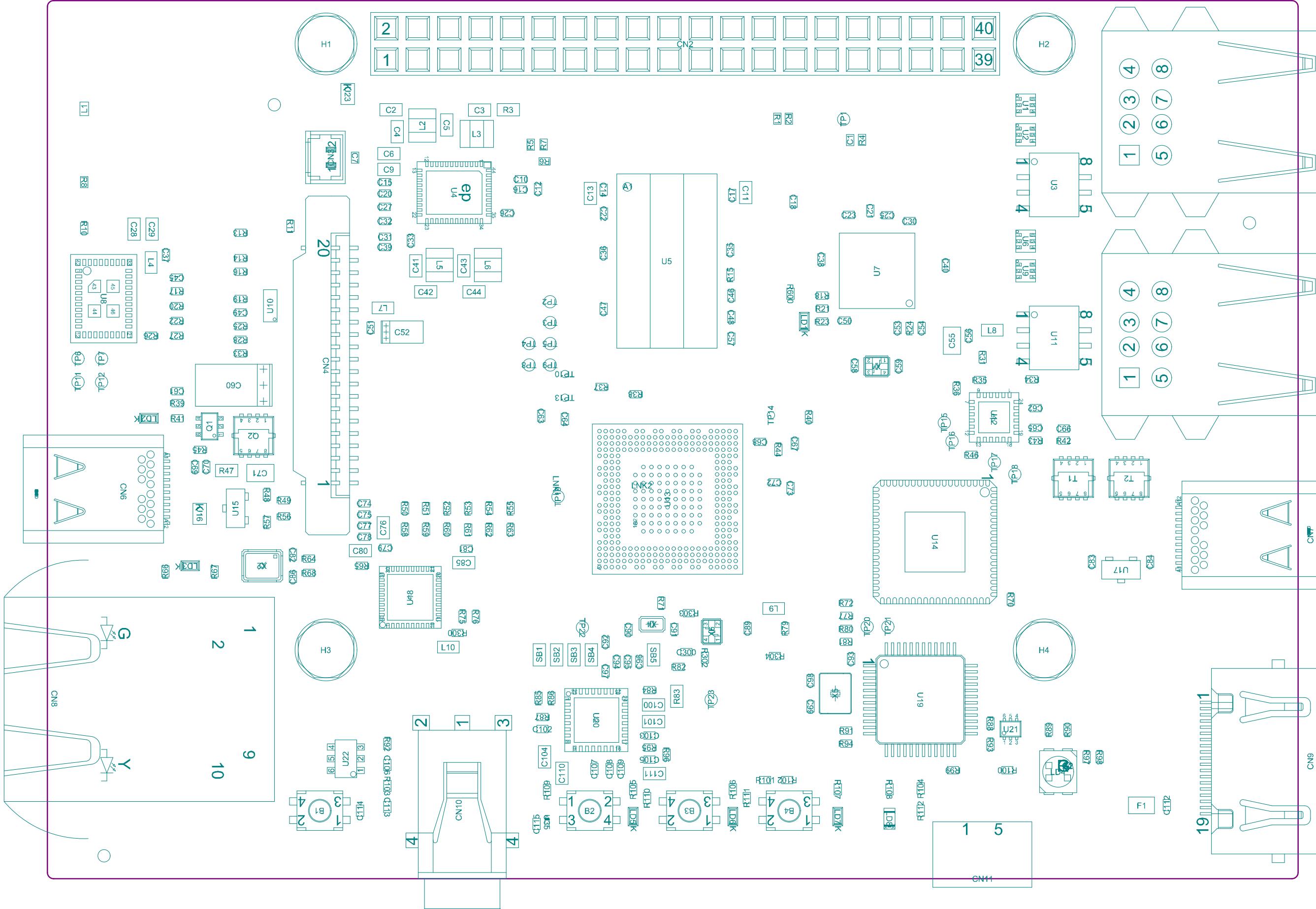
STLINK LED



ST-LINK DFU



Must be on a border of the PCB.



Project: STM32MP15-DISCO

Layer: M14-Top Assembly

Gerber: .GM14

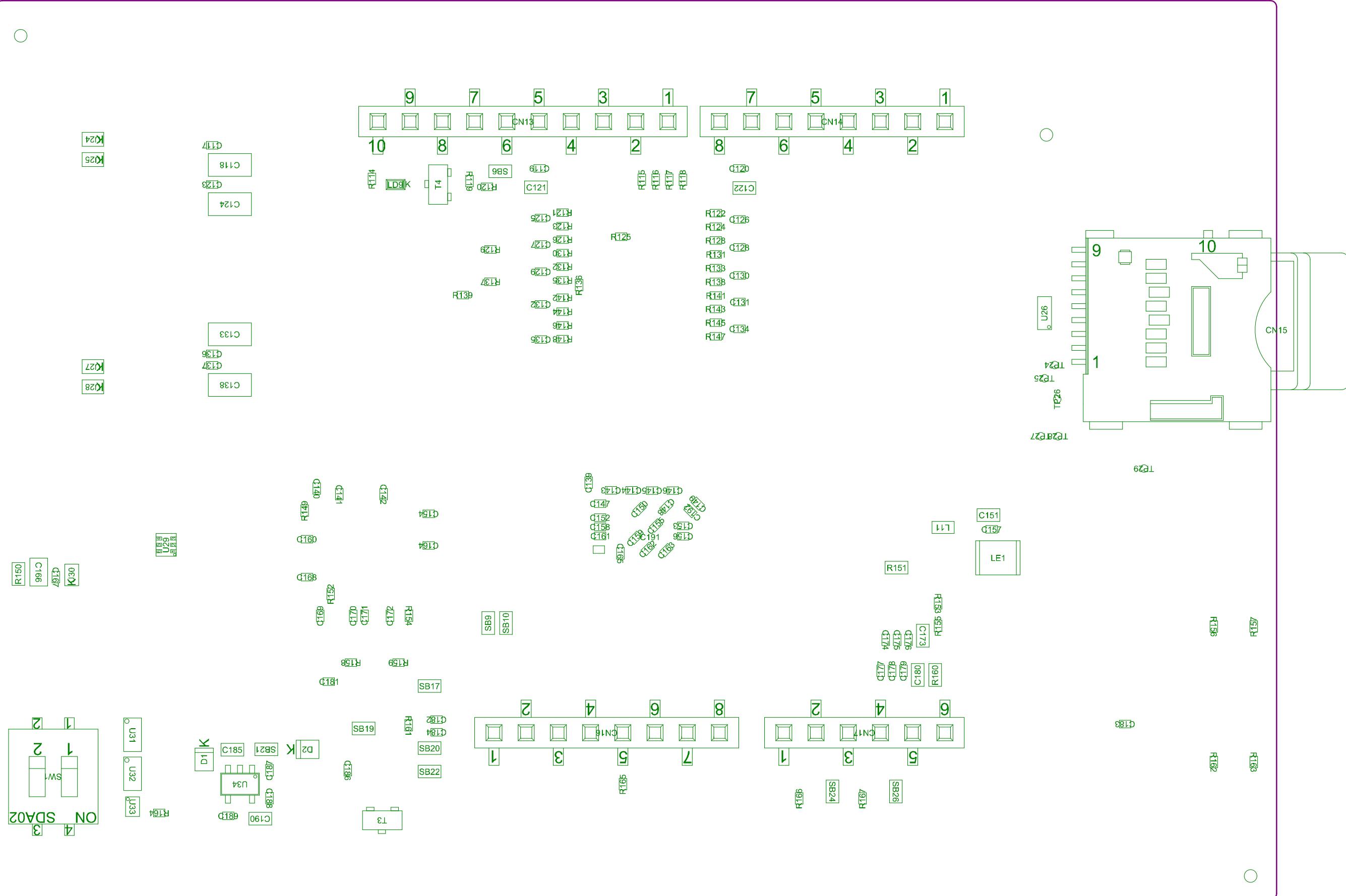
Variant: DK2

Ref: MB1272

Date: 18-SEPT-26

Rev: C





Project: STM32MP15-DISCO

Layer: M15-Bottom Assembly

Gerber: .GM15

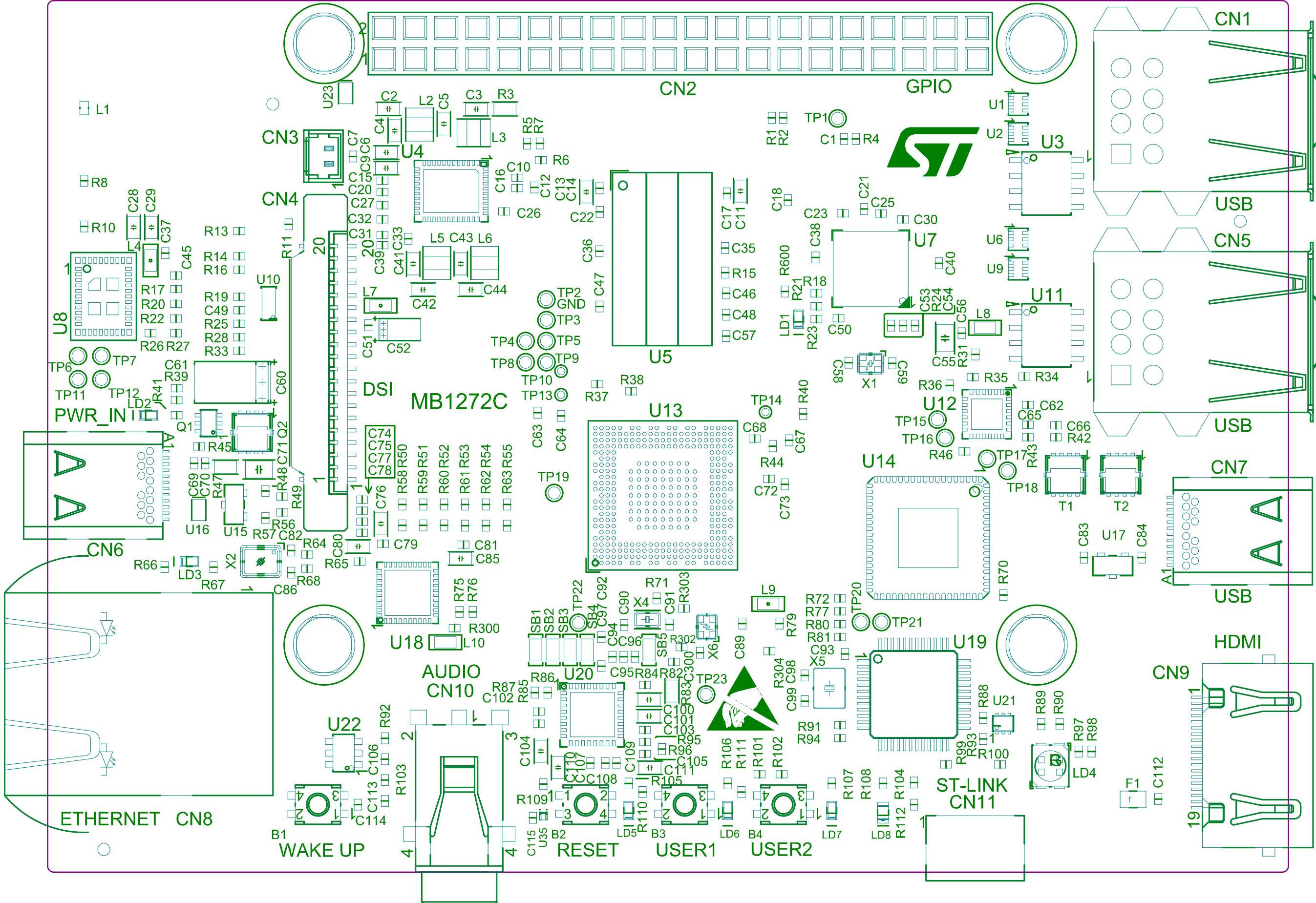
Variant: DK2

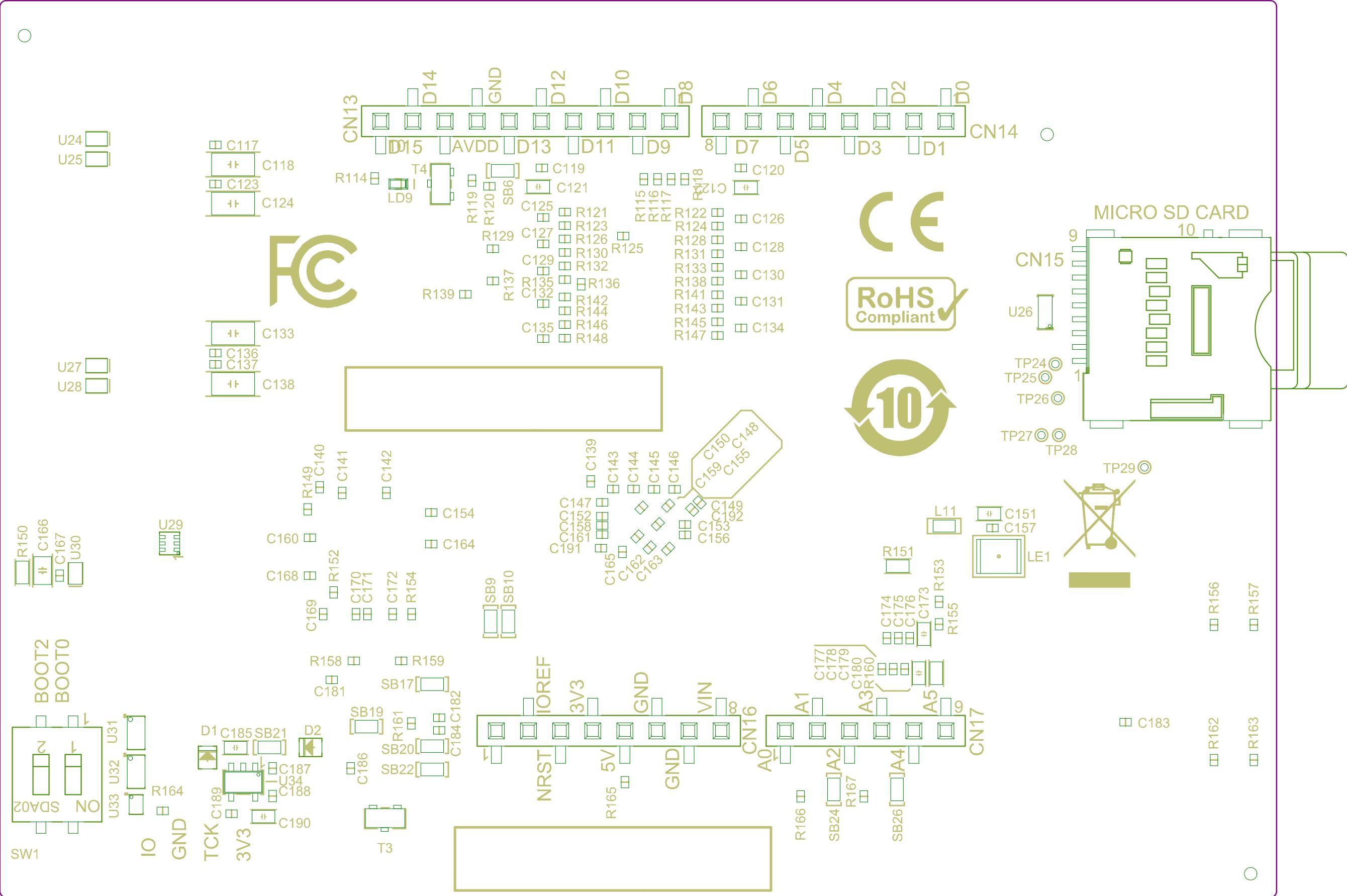
Ref: MB1272

Date: 18-SEPT-26

Rev: C







M15-Bottom Assembly

.GM15