

# STM32G0 Discovery

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MB1378

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## Legend

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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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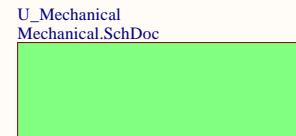
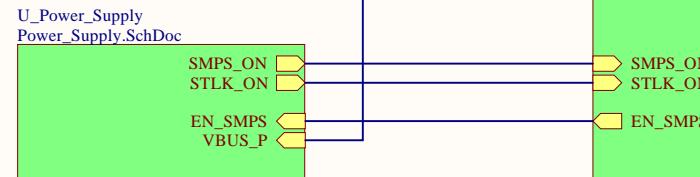
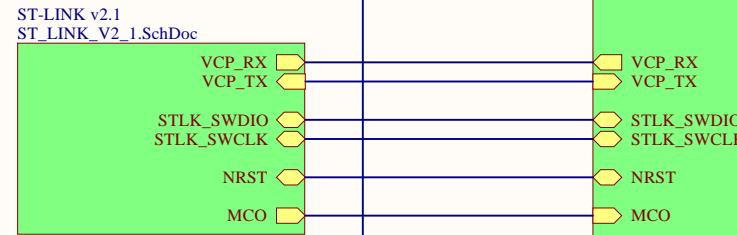
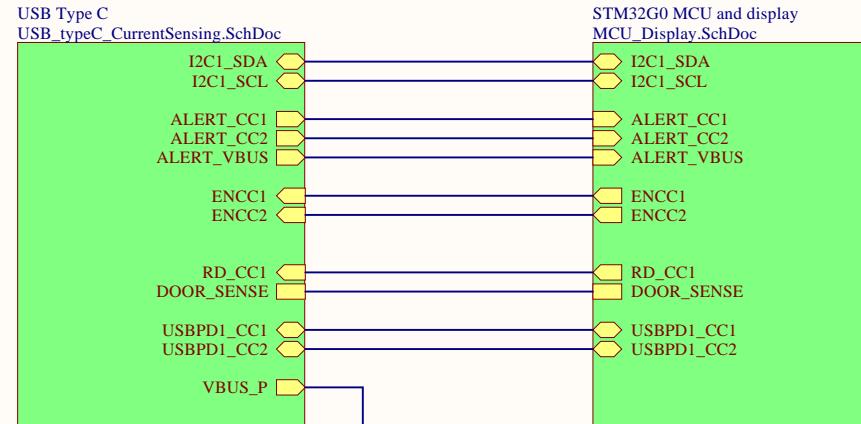
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U\_Top  
Top.SchDoc



Title: <b>Project overview</b>	ST life.aumented
Project: <b>STM32G0 Discovery</b>	
Variant: <b>DEFAULT</b>	
Revision: <b>C-02</b>	
Size: <b>A4</b>	Reference: <b>MB1378</b>
Date: <b>29-10-18</b>	Sheet: <b>1 of 7</b>



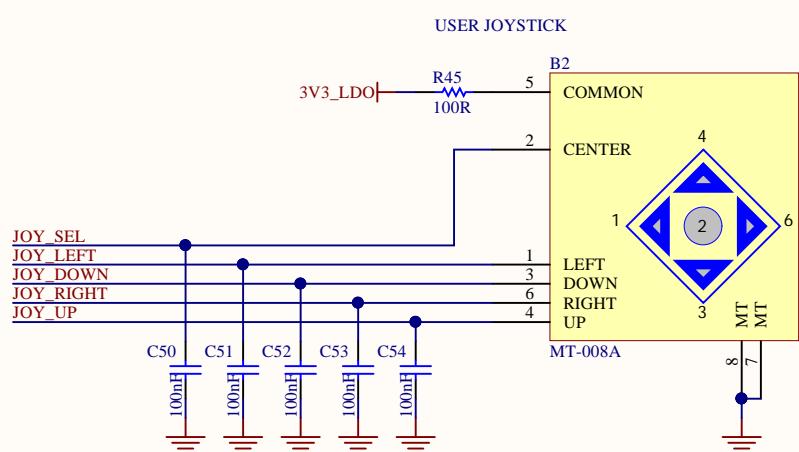
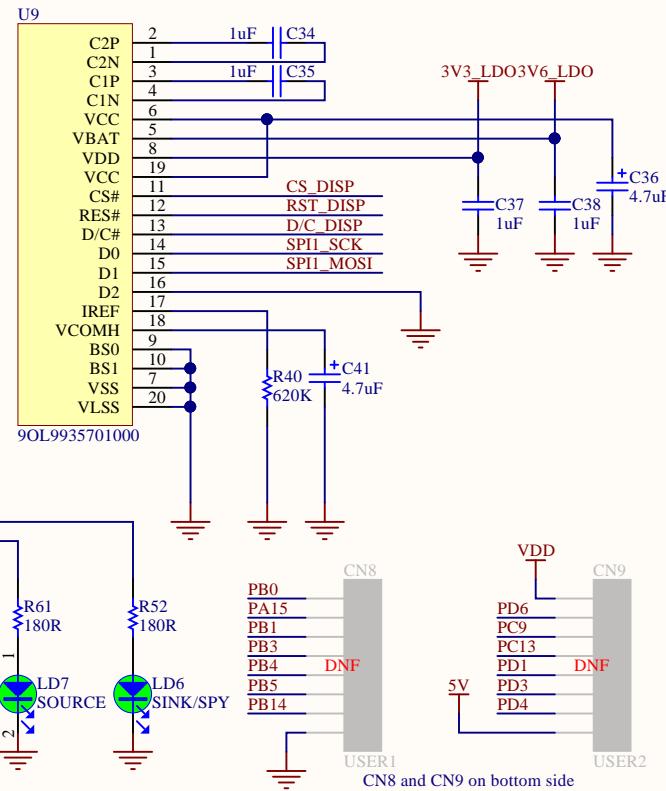
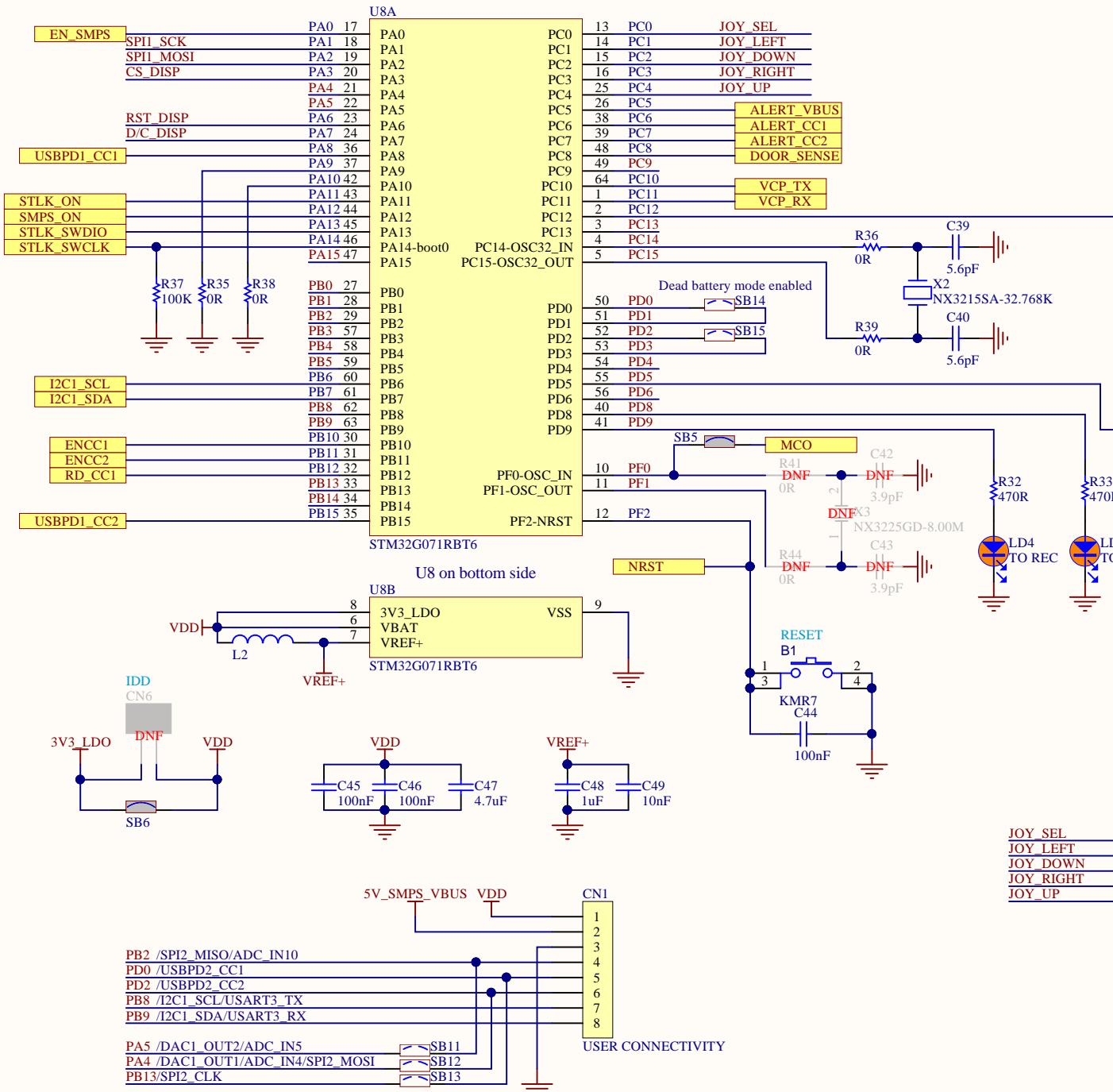


**STM32G0 MCU and display**  
**MCU\_Display.SchDoc**

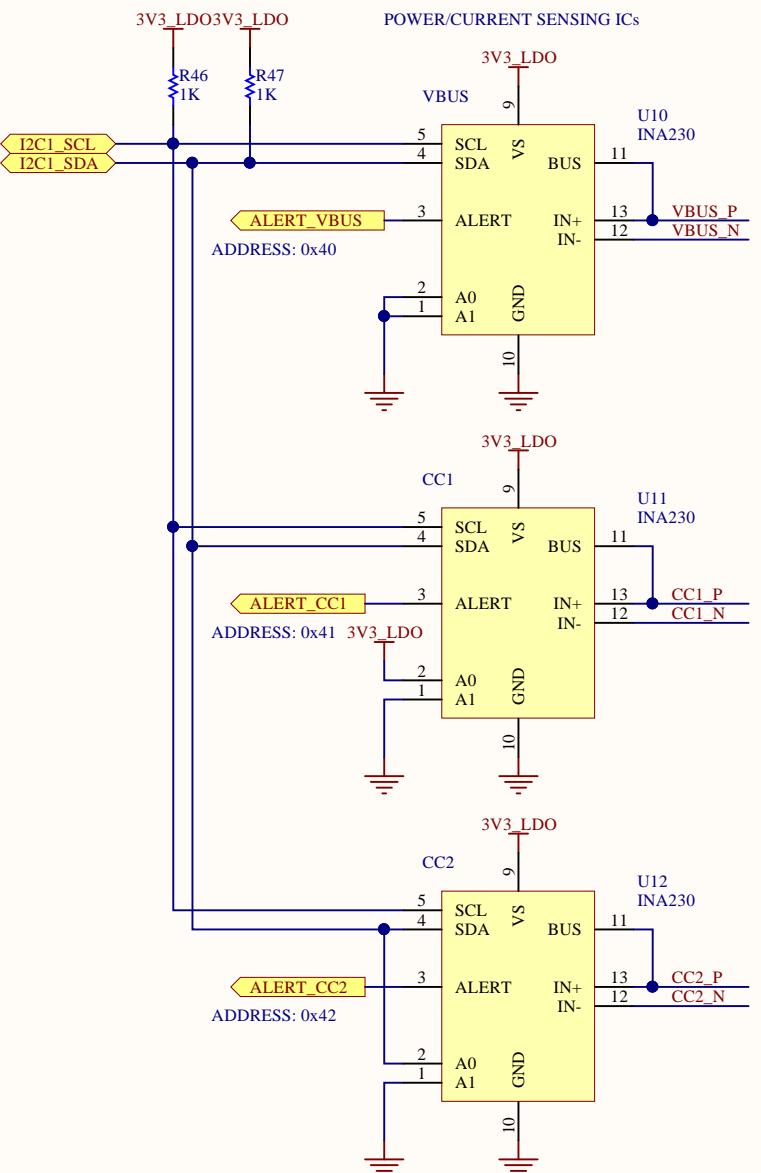
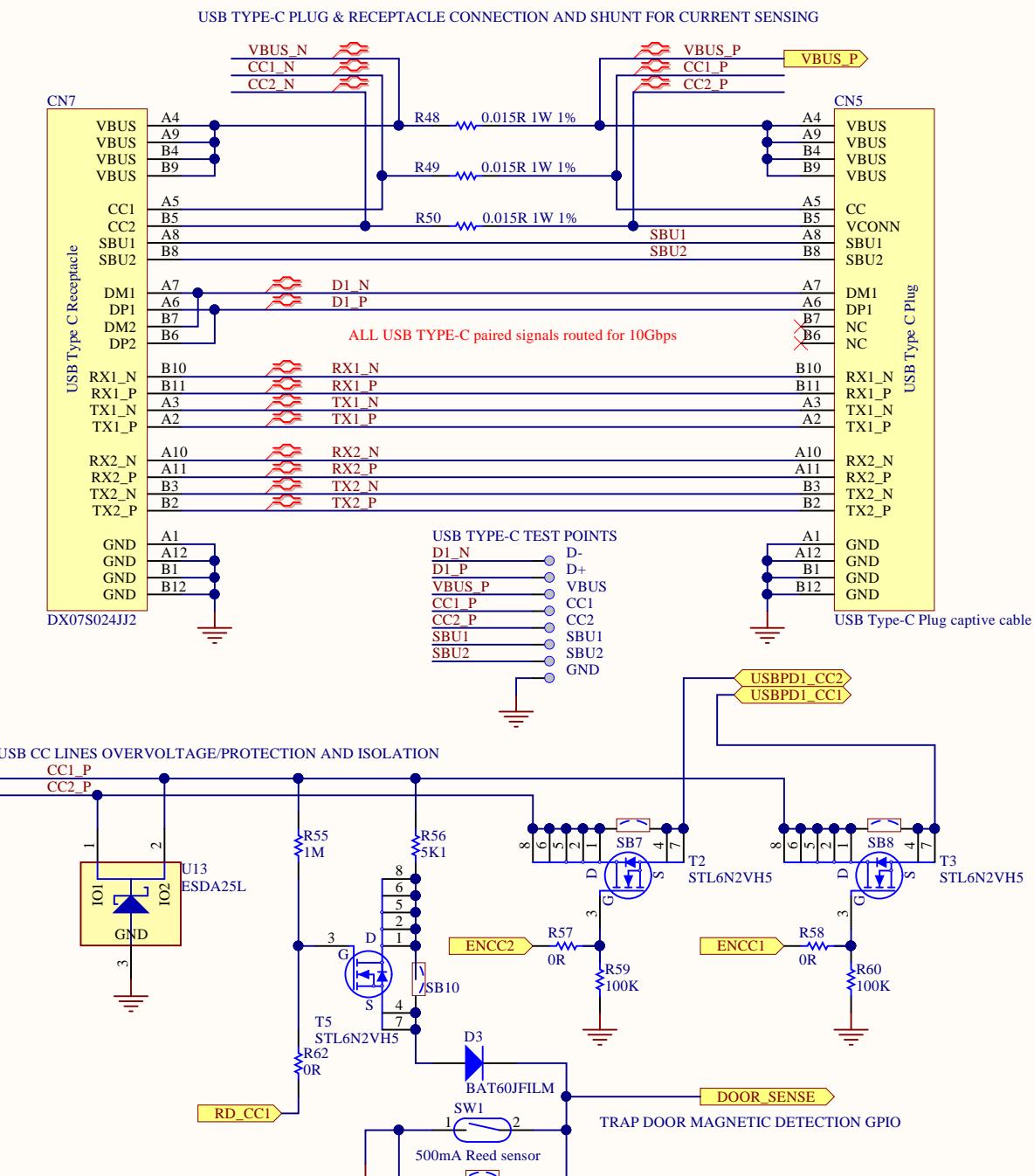
## USBPD1\_DBCC1(PA9) and USBPD1\_DBCC2(PA10) to GND

All SBs and test points on bottom side

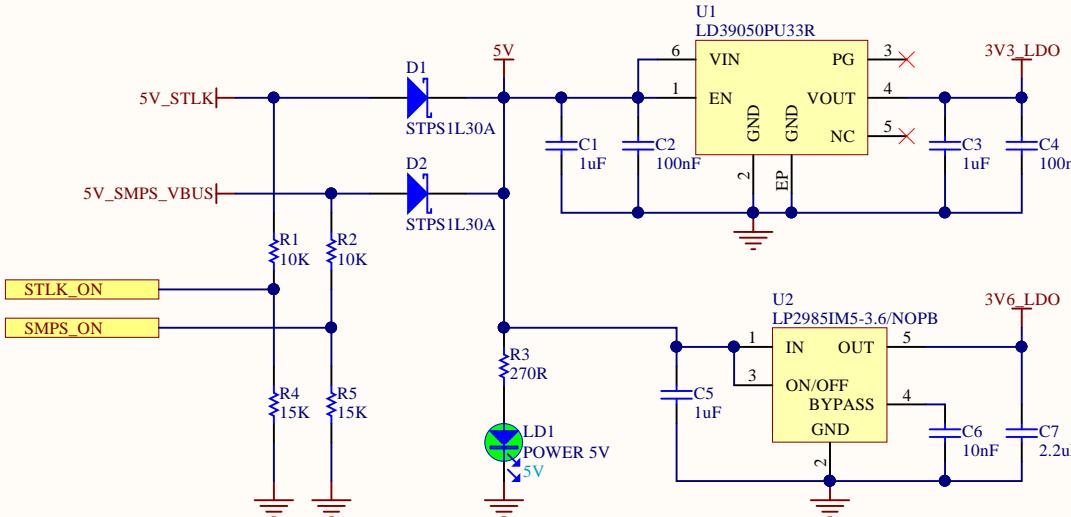
## OLED DISPLAY



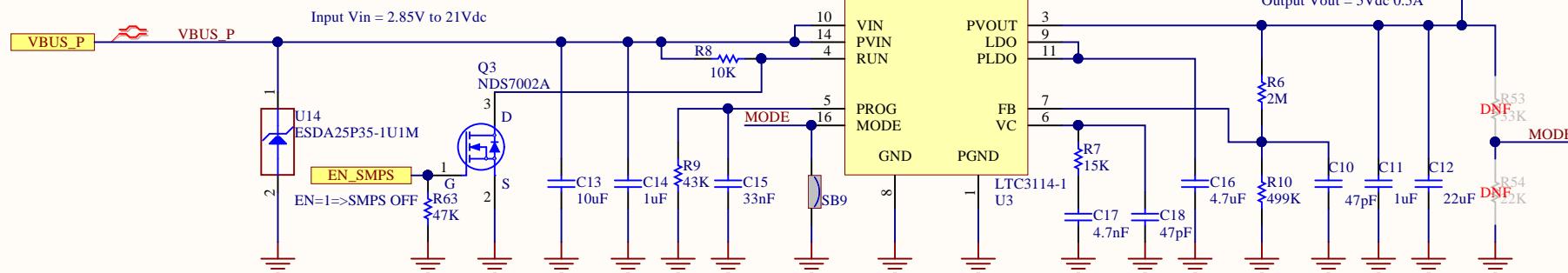
All SBs and test points on bottom side



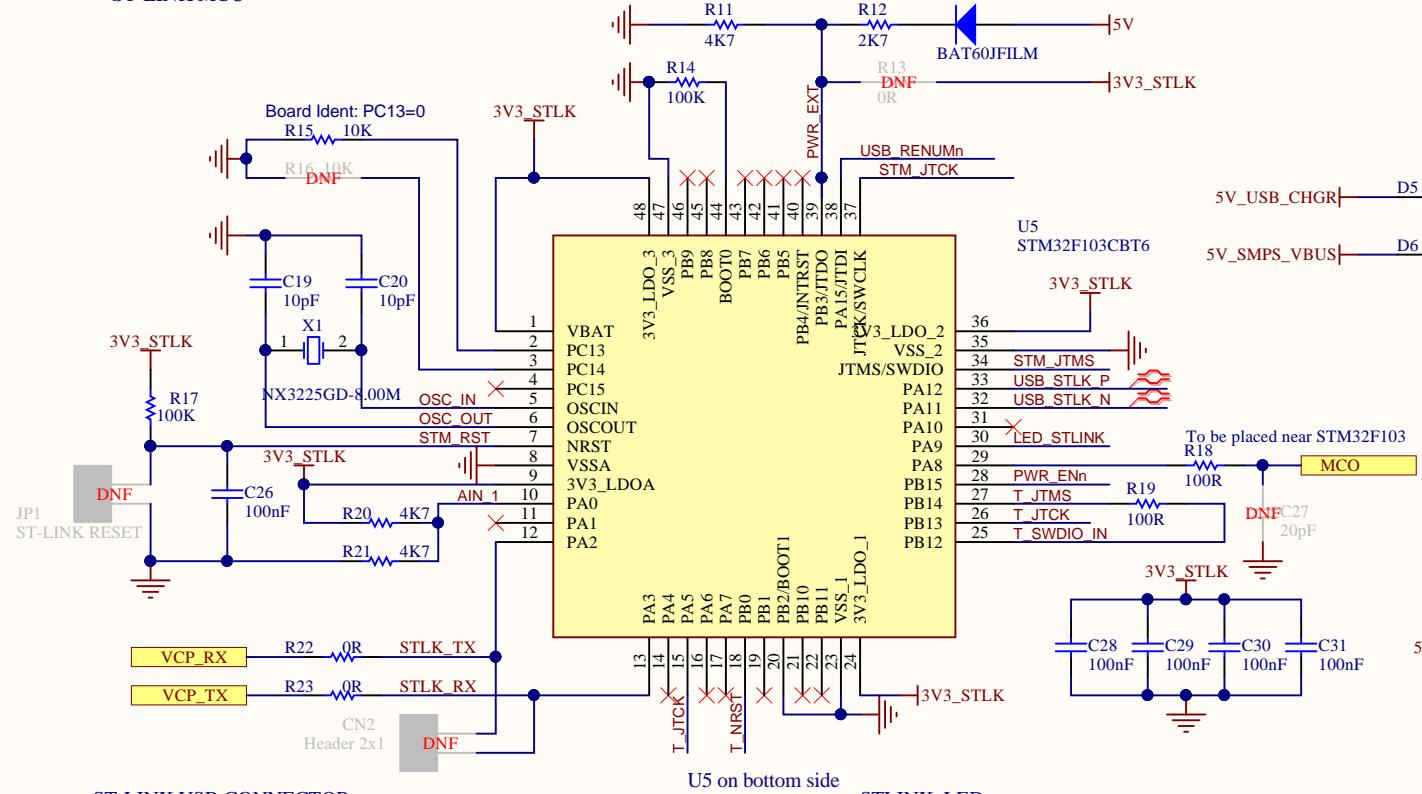
## POWER SUPPLY SELECTION &amp; 3V3 and 3V6 LDO



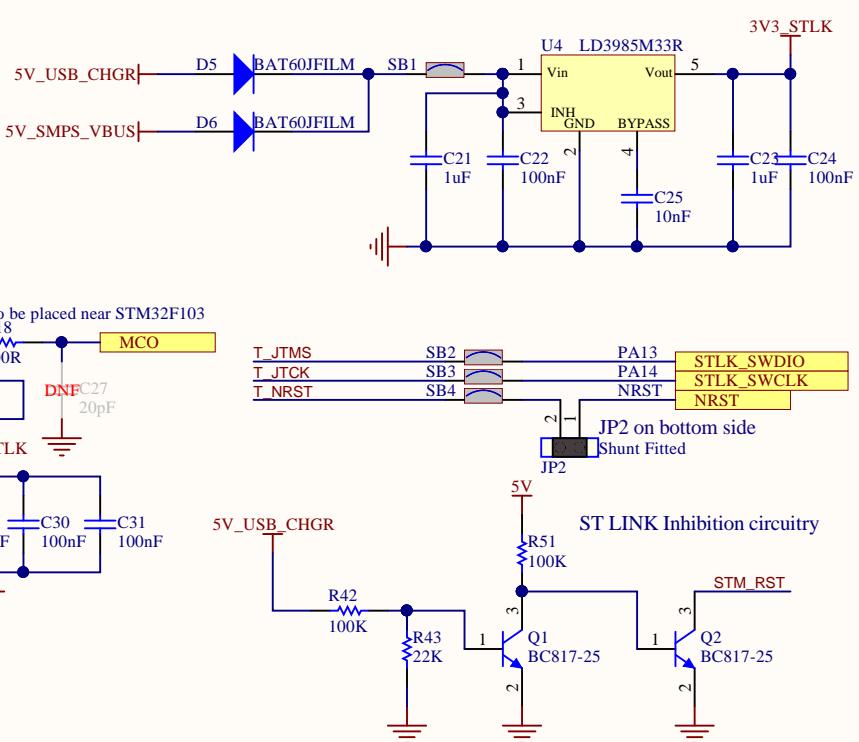
## VBUS SMPS CONVERTER TO 5V



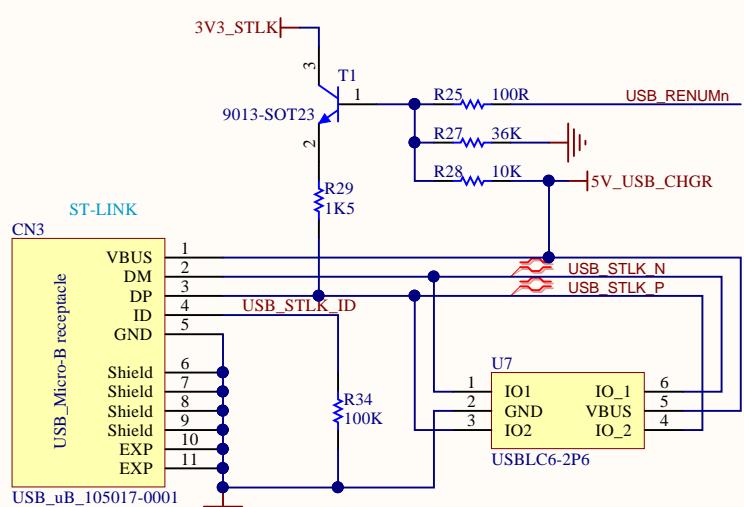
## ST-LINK MCU



## ST-LINK POWER 3V3 / 150mA

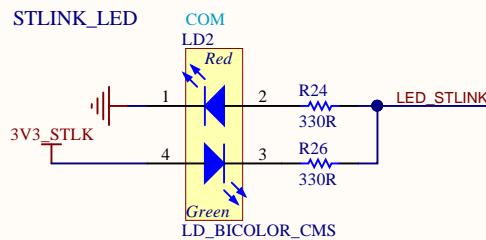


## ST-LINK USB CONNECTOR

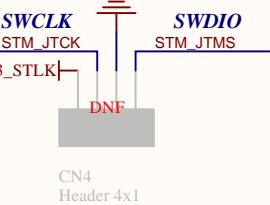


ESD PROTECTION SHOULD BE CLOSE TO THE CONNECTOR

## STLINK\_LED

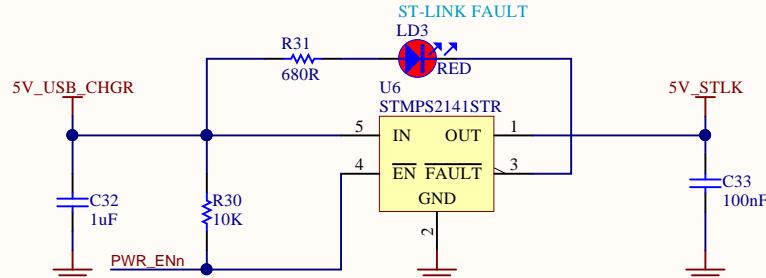


## ST-LINK DFU



Must be on a border of the PCB.

## ST LINK USB Power switch 5V / 1.2A



Title: ST-LINK V2.1

Project: STM32G0 Discovery

Variant: DEFAULT

Revision: C-02

Reference: MB1378

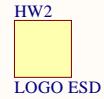
Size: A4

Date: 29-10-18



life.aquamtec

Sheet: 6 of 7



HW5

BOARD REF

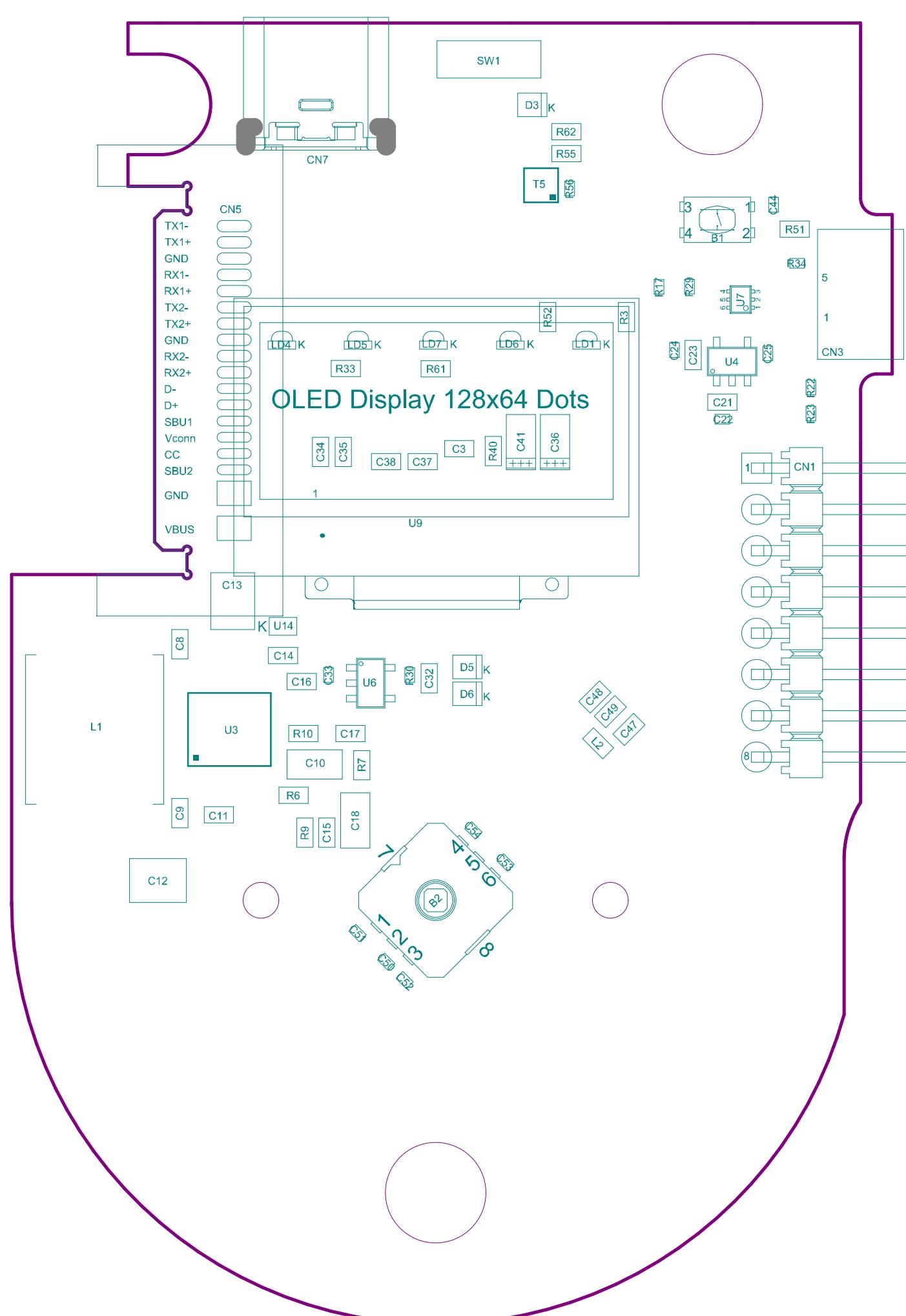
MB1378C-01 yywwxxxxx

HW6

BOARD CPN

STM32G071B-DISCO

Title: Mechanical	
Project: STM32G0 Discovery	
Variant: DEFAULT	
Revision: C-02	Reference: MB1378
Size: A4	Date: 29-10-18



			Polygone CAO	BUGNAND S.	09-07-2018	NAPOLEONI J.
Revision	DESCRIPTION		COMPAGNY	PCB DESIGNER	DATE	CHECKED BY
		TITLE	Carte MB1378C			
		REF.	AF1806-020			
		LAYER	M14-Top Assembly			

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		Polygone CAO	BUGNAND S.	09-07-2018	NAPOLEONI J.
Revision	DESCRIPTION	COMPAGNY	PCB DESIGNER	DATE	CHECKED BY
	TITLE	Carte MB1378C			
	REF.	LAYER	GERBER		
	AF1806-020	M15-Bottom Assembly			
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A4	14 / 14				



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