

X-NUCLEO-67W61M1

MB2230

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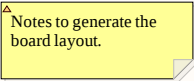


Legend

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

Text to be added to silkscreen.

Warning text.



OPEN PLATFORM LICENSE AGREEMENT

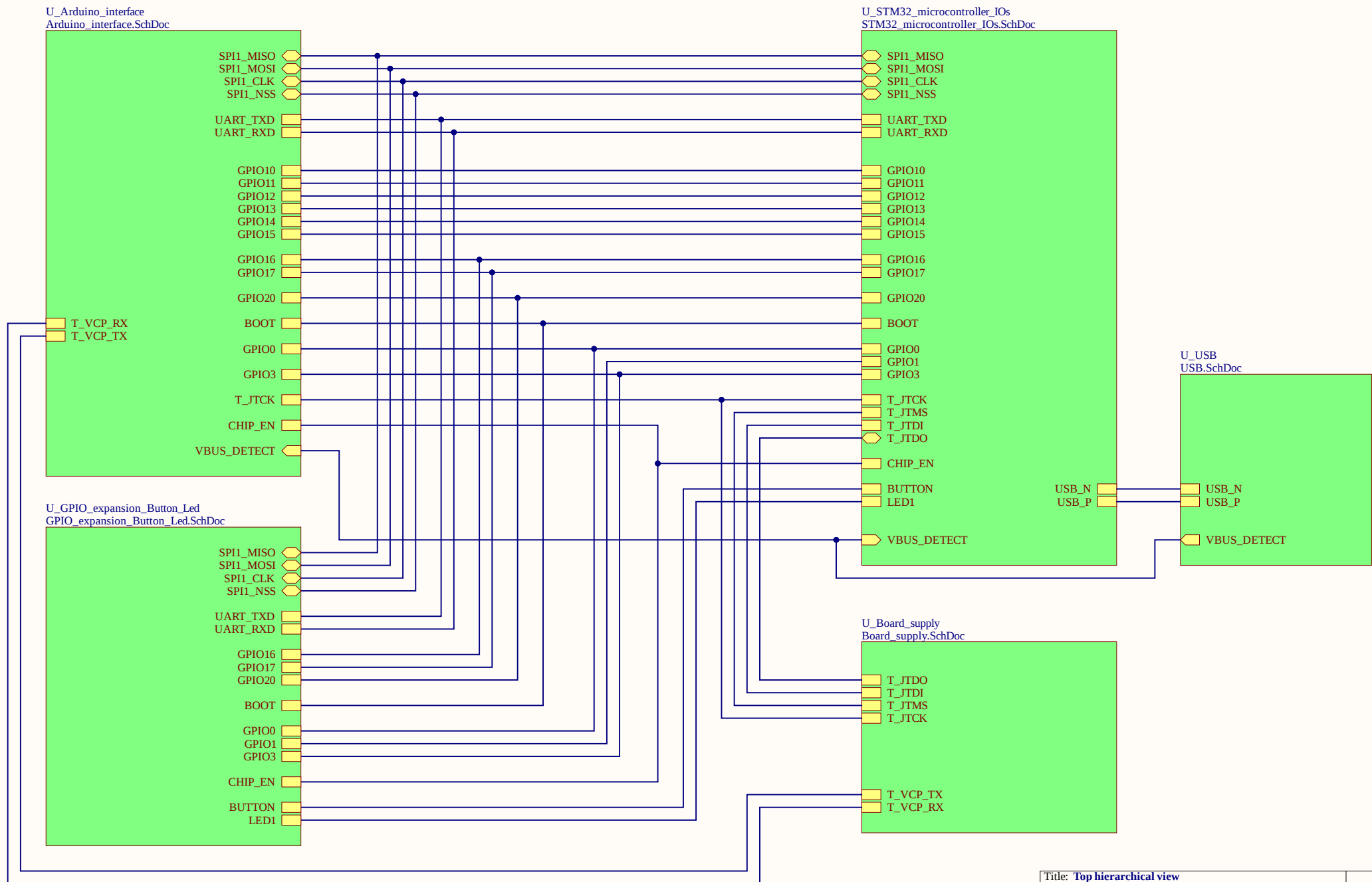
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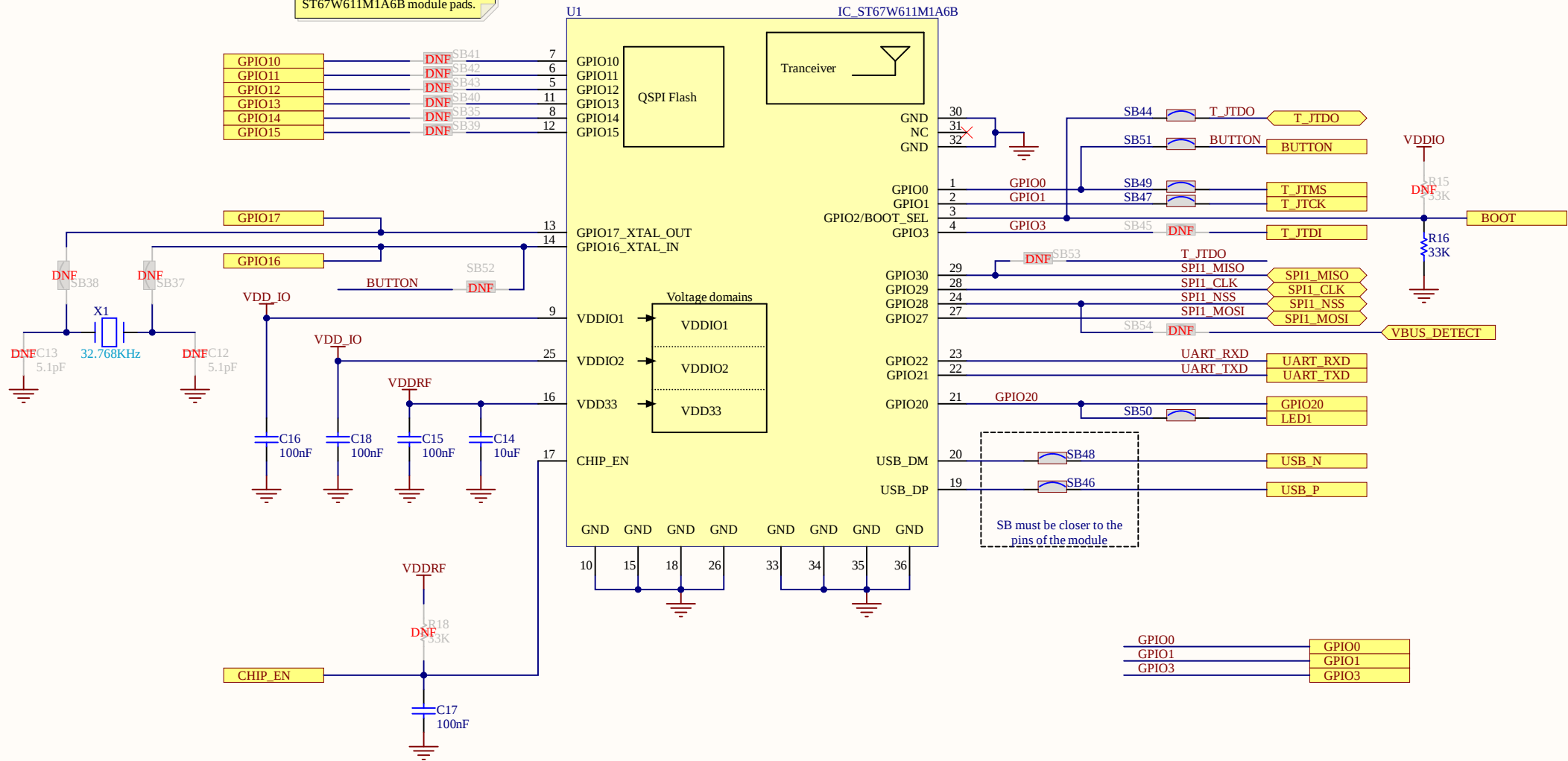
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Title: Project overview		
Project: X-NUCLEO-67W61M1		
Variant: ANTENNA		
Revision: A-04		Reference: MB2230
Size: A4	Date: 17-DEC-24	Sheet: 1 of 7



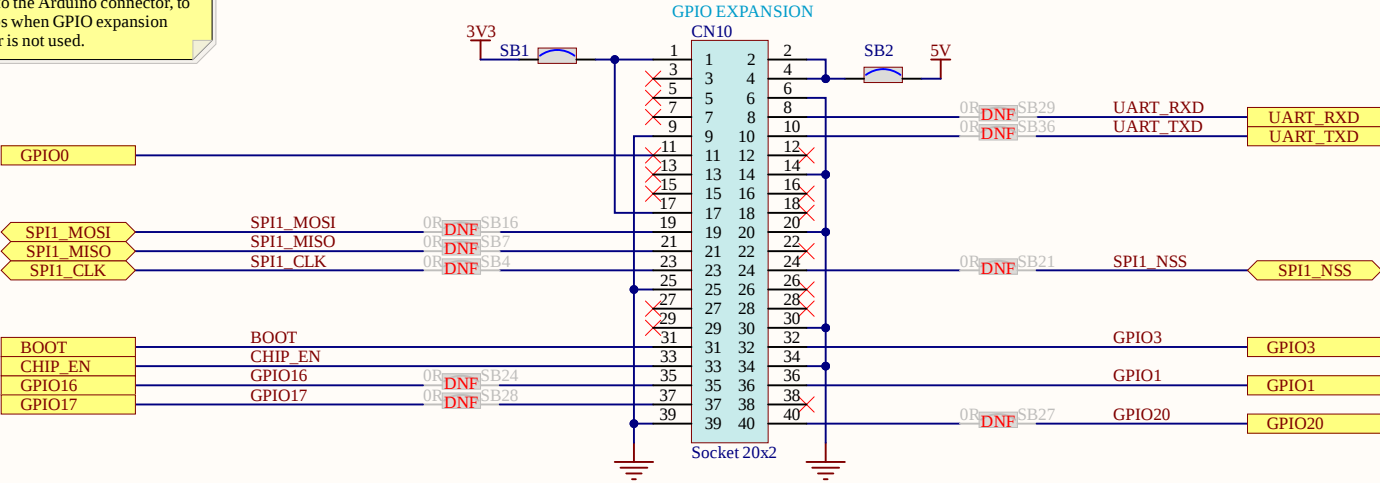


A
SB35, SB39 to SB43 must be as close as possible to the ST67W611M1A6B module pads.

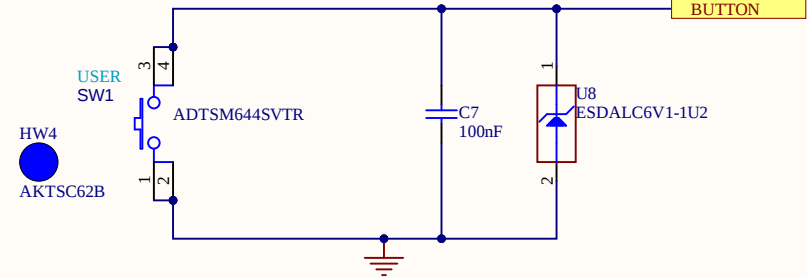


GPIO interposer (compatible with Raspberry Pi® GPIO) for MPU

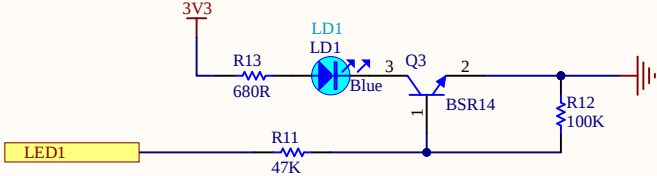
All those SB must be as close as possible to the Arduino connector, to limit stubs when GPIO expansion connector is not used.



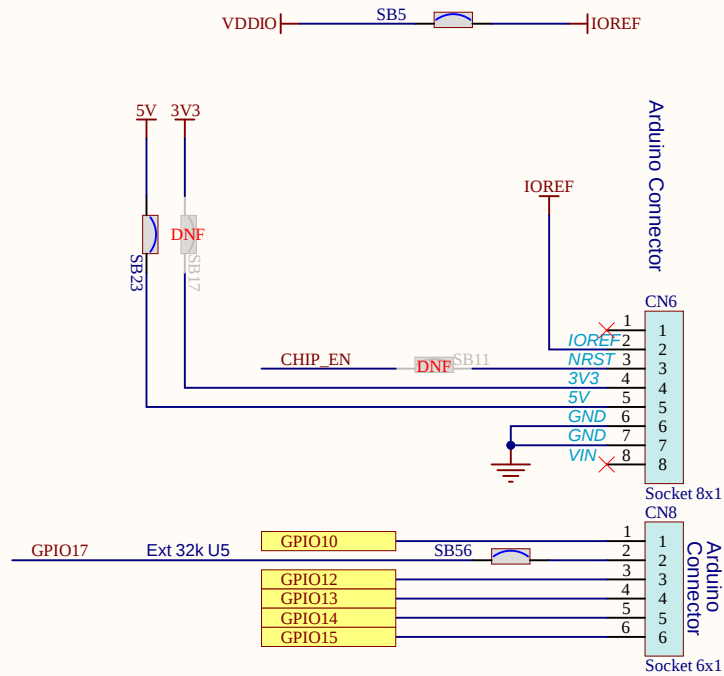
User BUTTON



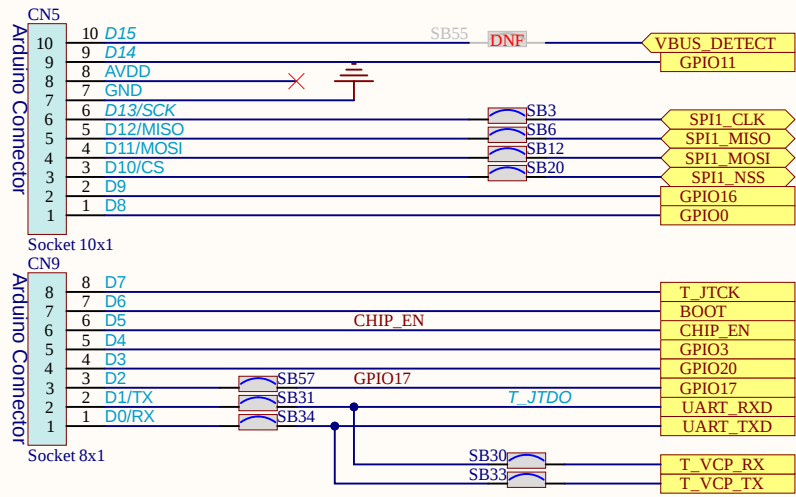
User LED



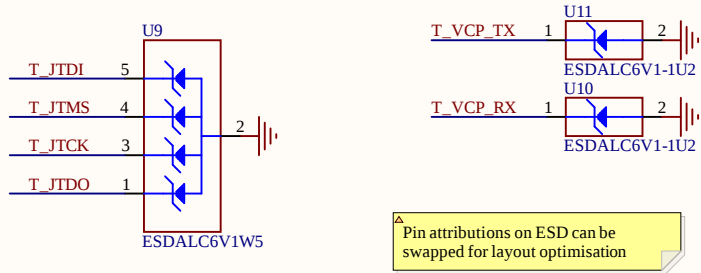
Arduino interface



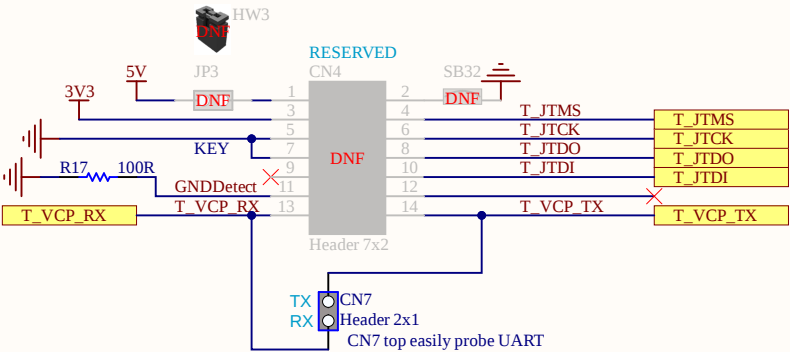
MCU



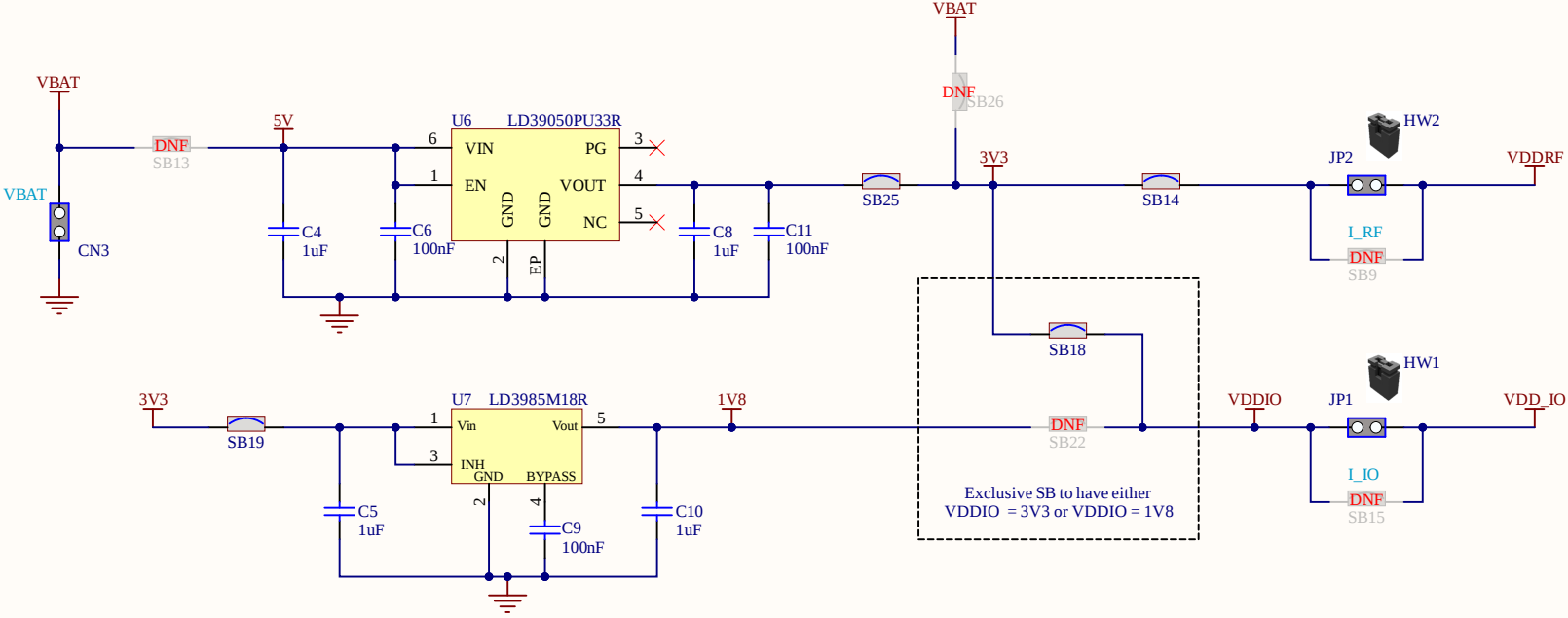
ESD protections for connectors



STDC14 receiver connector



Voltage supply for STM32WW611MNA6B module



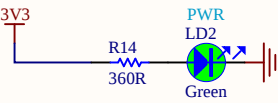
There are 2 ways to provide the 5V voltage supply to the board:

- With an external battery (CN3),
- Through the host via the Arduino connector,

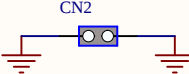
Be careful!!

- * VDDIO can be supplied by either 3v3 or 1V8. When VDDIO = 3V3, then SB18 must be fitted and SB22 must not be fitted. When VDDIO = 1V8, then SB22 must be fitted and SB18 must be not fitted
- * When VBAT is not used (default configuration), then SB13 and SB26 must be not fitted.
- * When an external VBAT supply is used (5V or Cell via the external supply CN3 connector), SB13 must be fitted and SB26 must be not fitted.
- * When an external VBAT supply is used (3V3), SB13 must not be fitted, SB26 must be fitted and SB25 must be not fitted to isolate the 5V regulator.

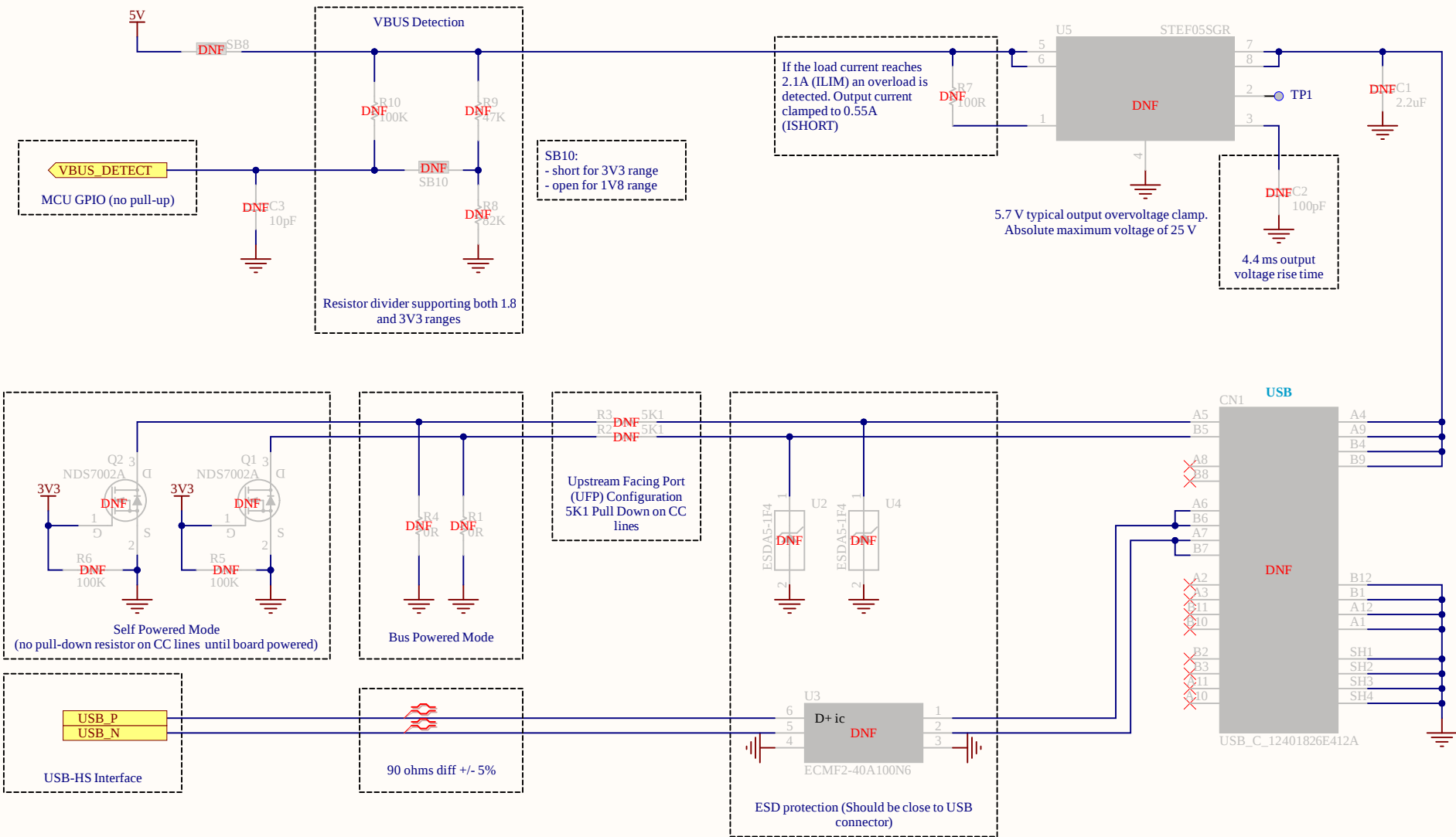
LED for power supply indication

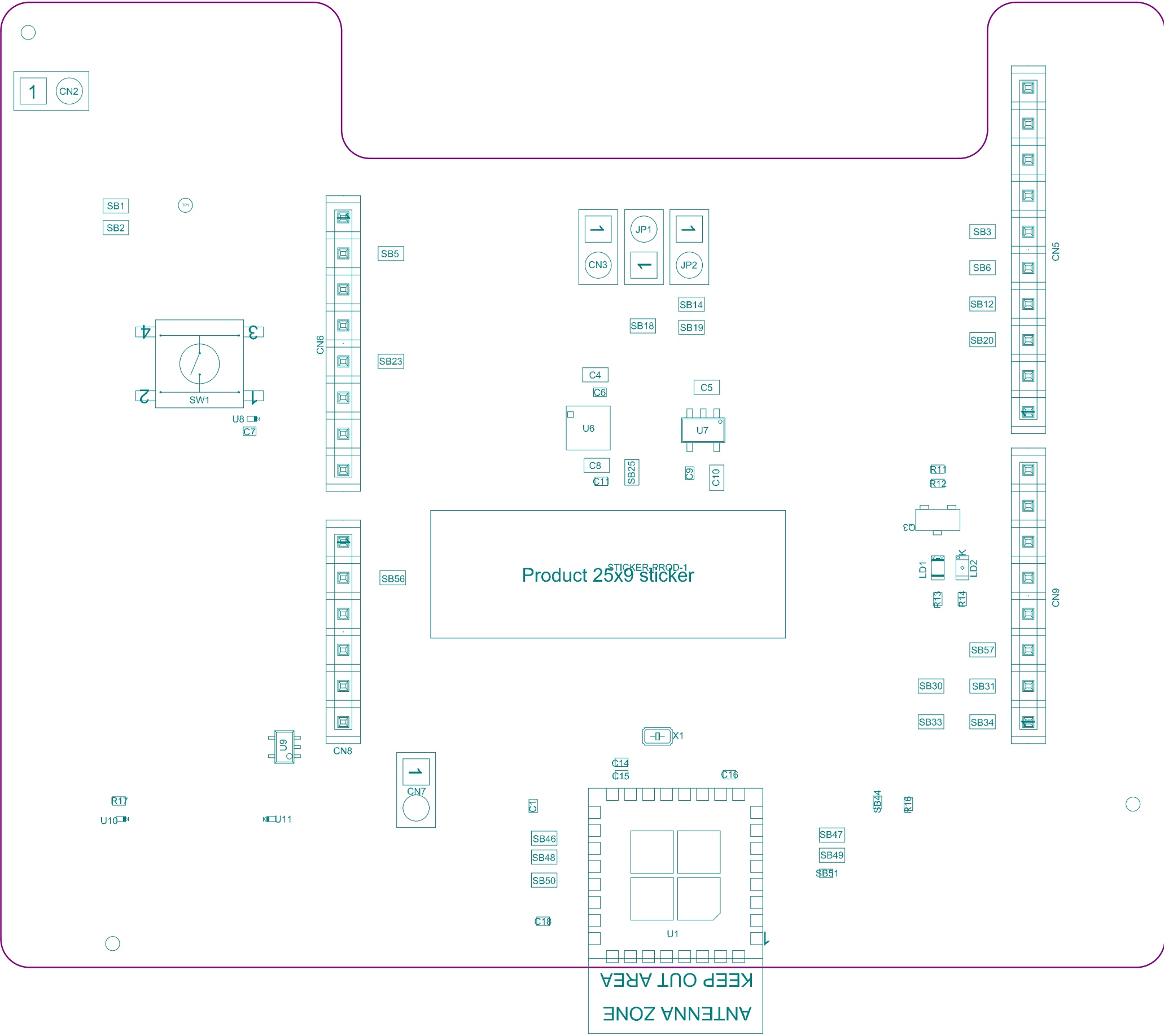


2 pin headers for GND



USB-C Sink Only





Project: X-NUCLEO-67W61M1

Layer: M14-Top Assembly

Variant: ANTENNA

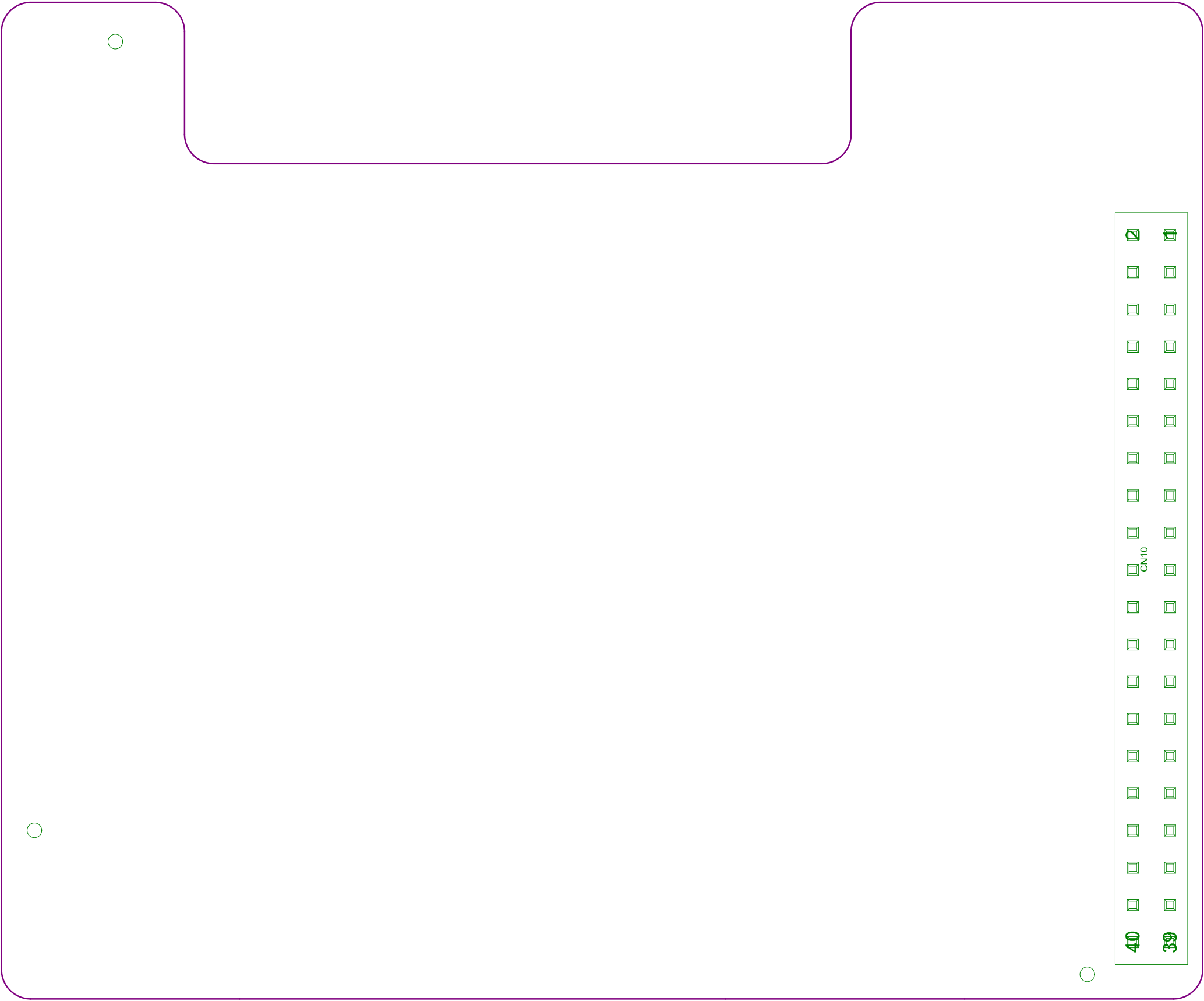
Date: 17-DEC-24

Gerber: .GM14

Ref: MB2230

Rev: A





Project: X-NUCLEO-67W61M1

Layer: M15-Bottom Assembly

Variant: ANTENNA

Date: 17-DEC-24

Gerber:.GM15

Ref: MB2230

Rev: A



