

# STM32WL3 - QFN48 - 2-Layers - SMD

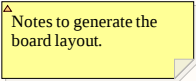
MB2168

## Table of contents

- Sheet 1: Project overview (this page)
- Sheet 2: Top
- Sheet 3: STM32 microcontroller I/Os
- Sheet 4: Supply
- Sheet 5 : RF front-end

## Legend

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



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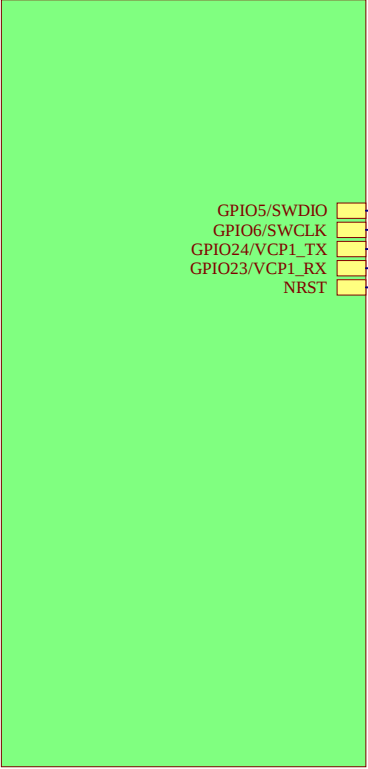
U\_Top  
Top.SchDoc



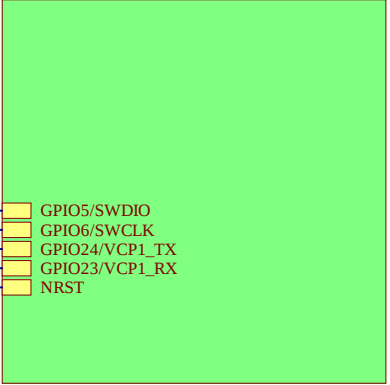
|                                                   |                   |               |
|---------------------------------------------------|-------------------|---------------|
| Title: <b>Project Overview</b>                    |                   |               |
| Project: <b>STM32WL3 - QFN48 - 2-Layers - SMD</b> |                   |               |
| Variant: 433_16dBm                                |                   |               |
| Revision: A-01                                    | Reference: MB2168 |               |
| Size: A4                                          | Date: 28/03/2025  | Sheet: 1 of 5 |



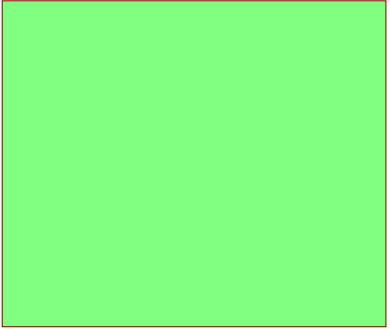
Designator  
MCU\_IOs.SchDoc



Designator  
Supply.SchDoc



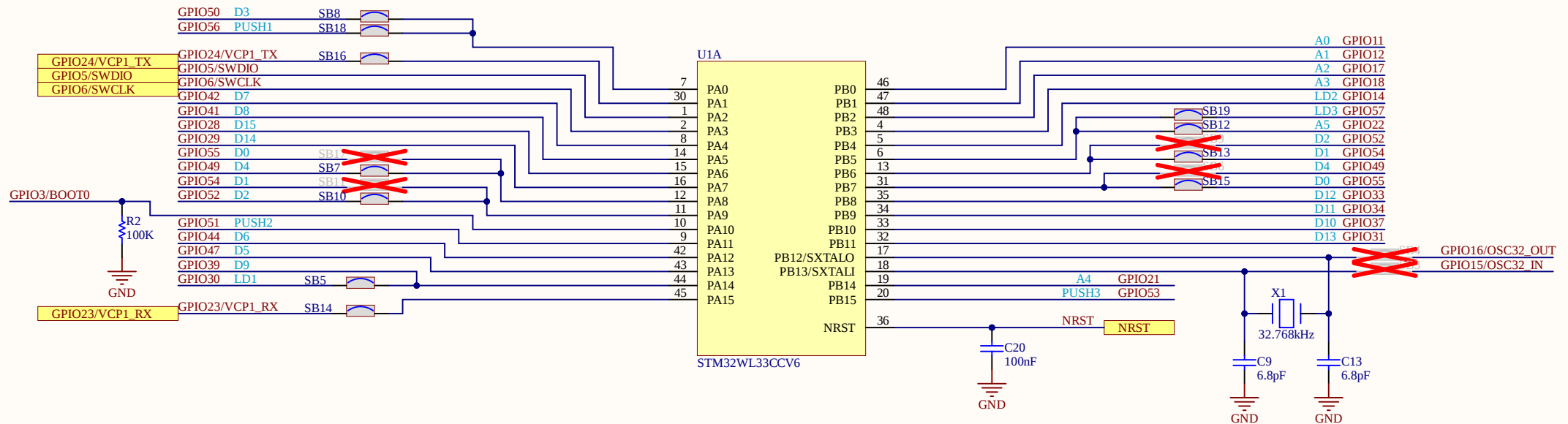
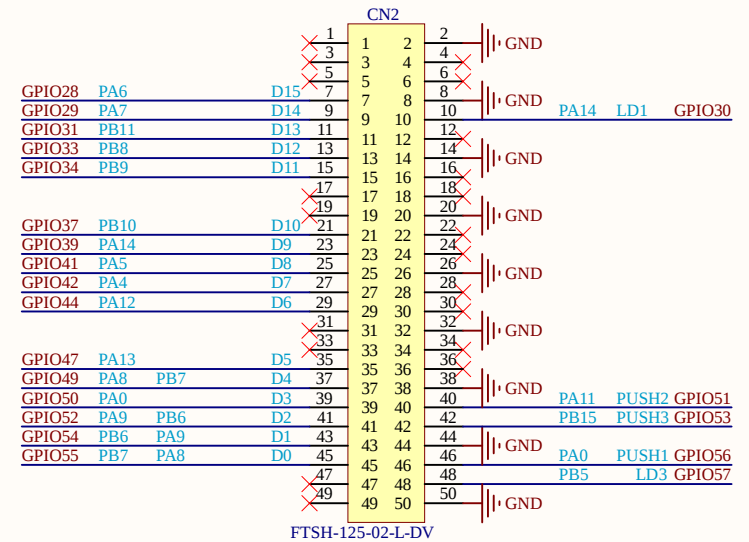
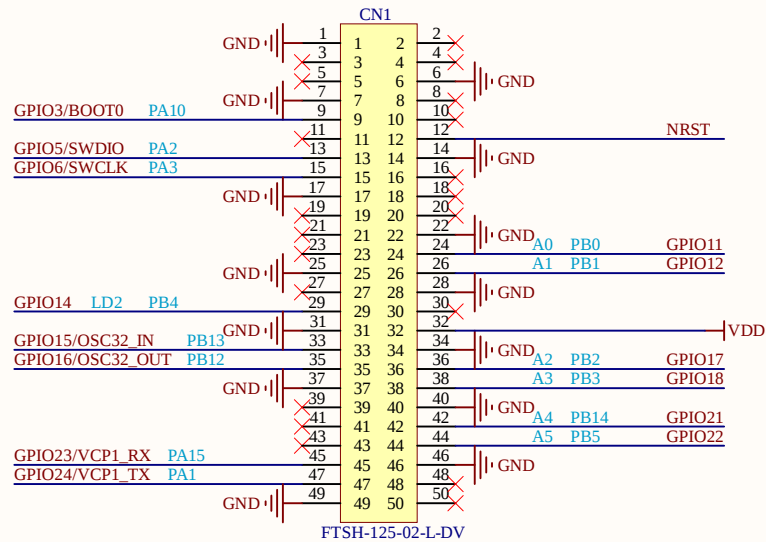
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RF.SchDoc

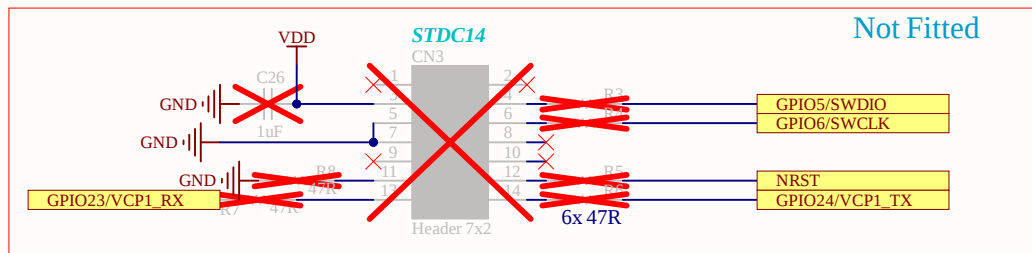
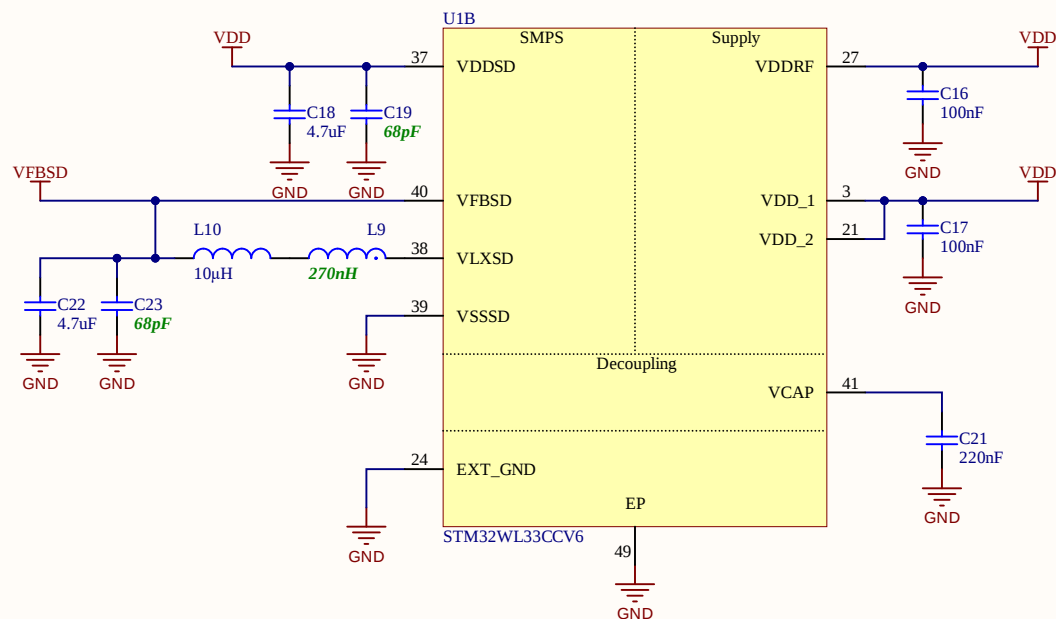


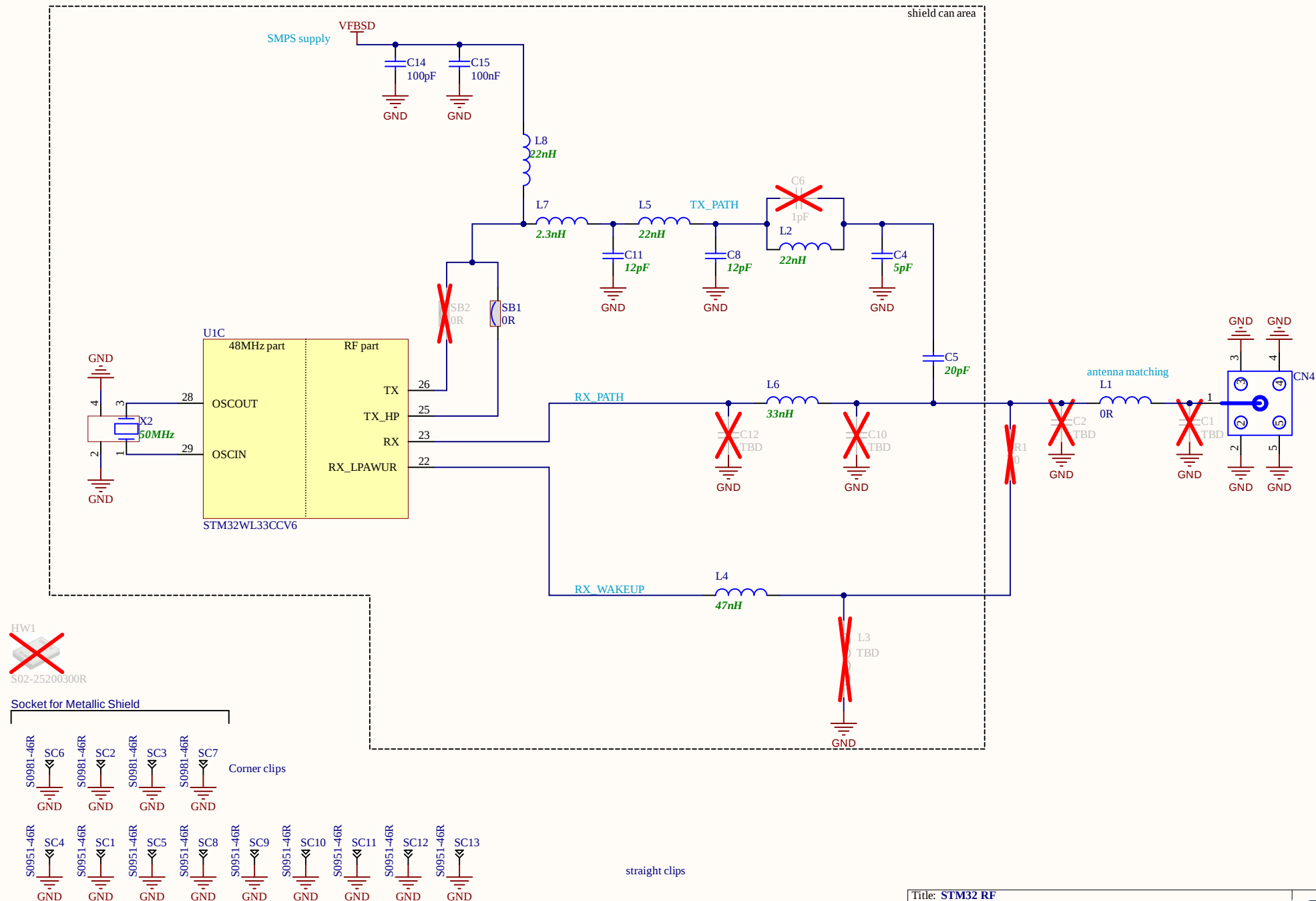
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GPIO6/SWCLK  
GPIO24/VCP1\_TX  
GPIO23/VCP1\_RX  
NRST

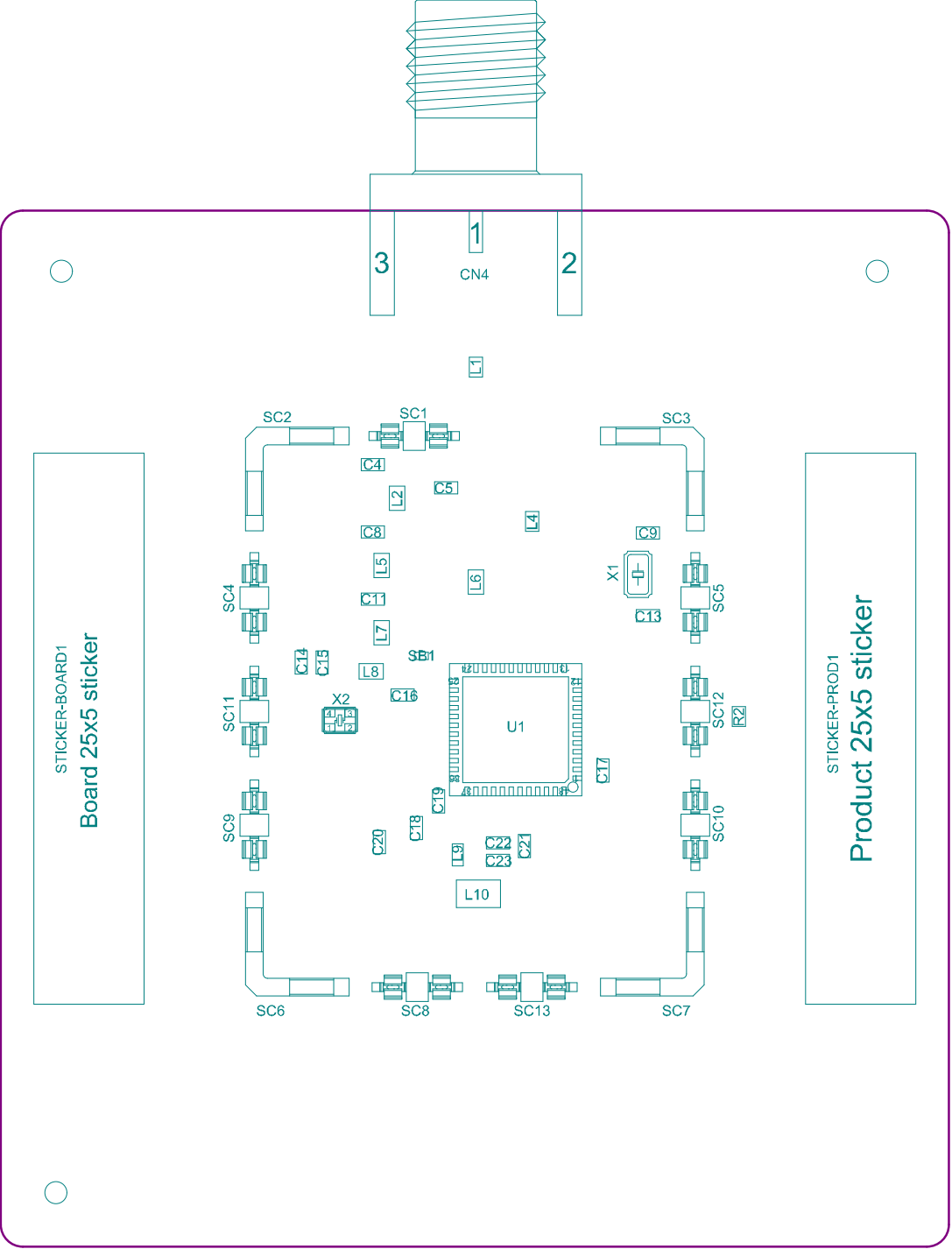
GPIO5/SWDIO  
GPIO6/SWCLK  
GPIO24/VCP1\_TX  
GPIO23/VCP1\_RX  
NRST











Project: STM32WL3 - QFN48 - 2-Layers - SMD

Layer: M14-Top Assembly

Variant: 433\_16dBm

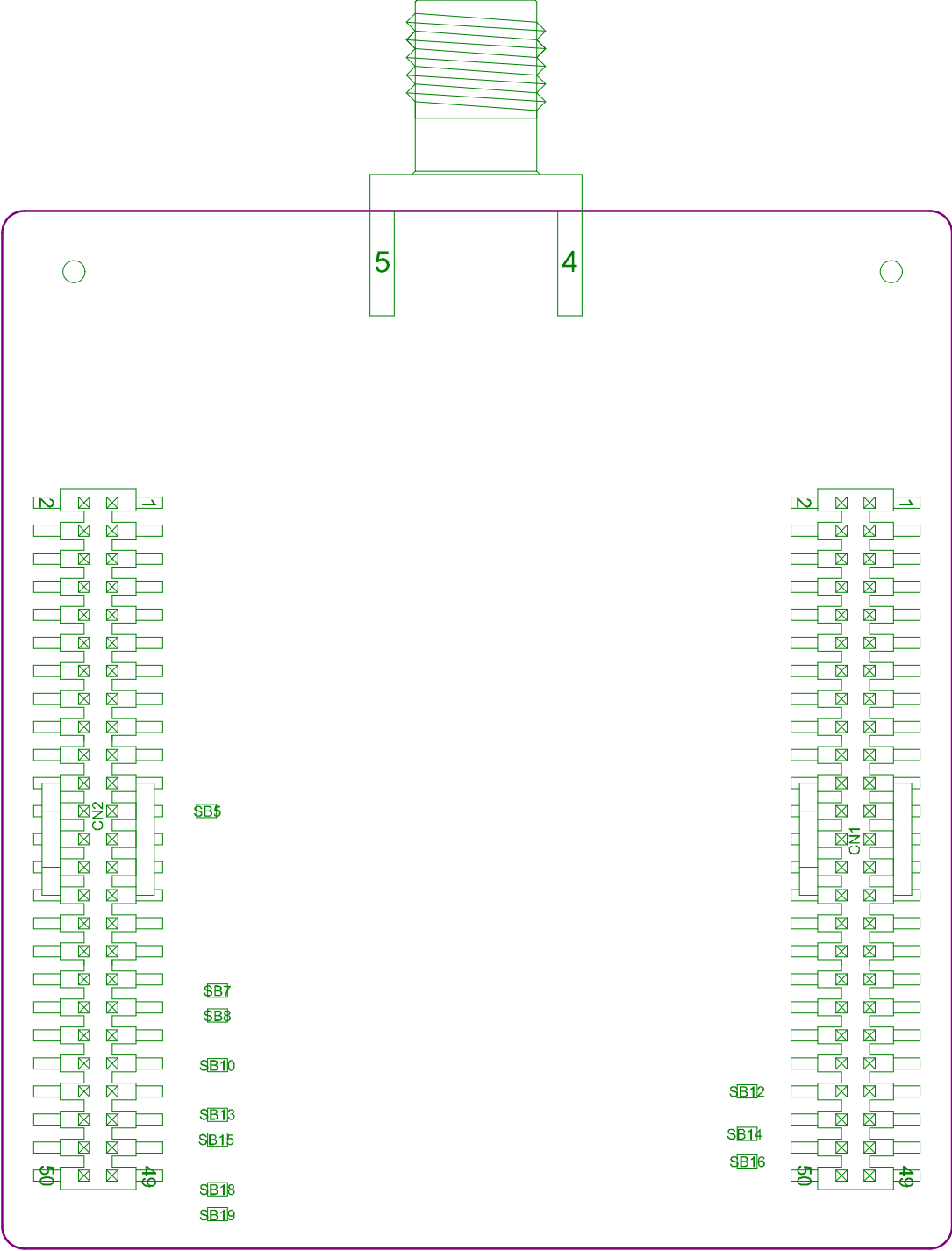
Date: 28/03/2025

Gerber: .GM14

Ref: MB2168

Rev: A





Project: STM32WL3 - QFN48 - 2-Layers - SMD

Layer: M15-Bottom Assembly

Gerber:.GM15

Variant: 433\_16dBm

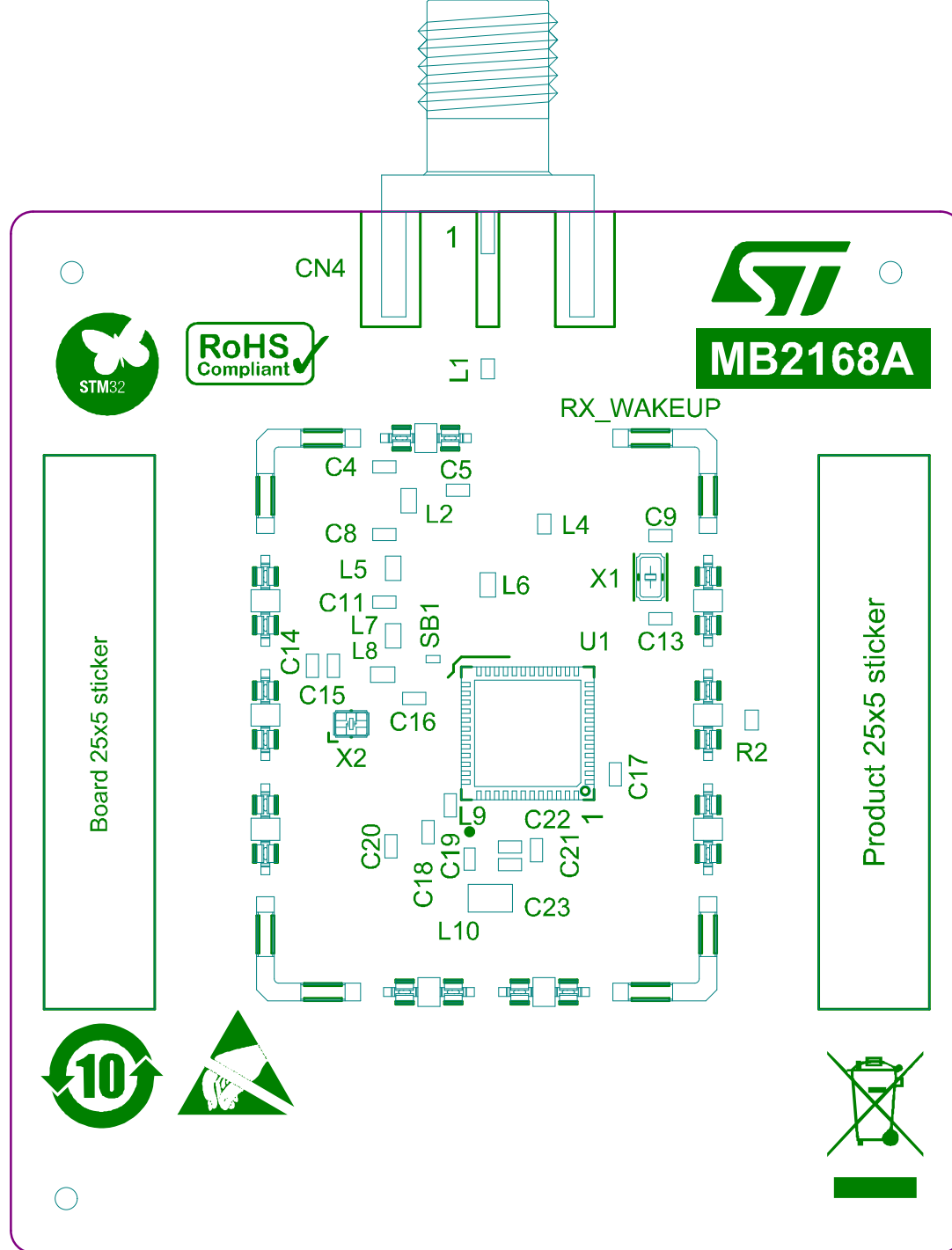
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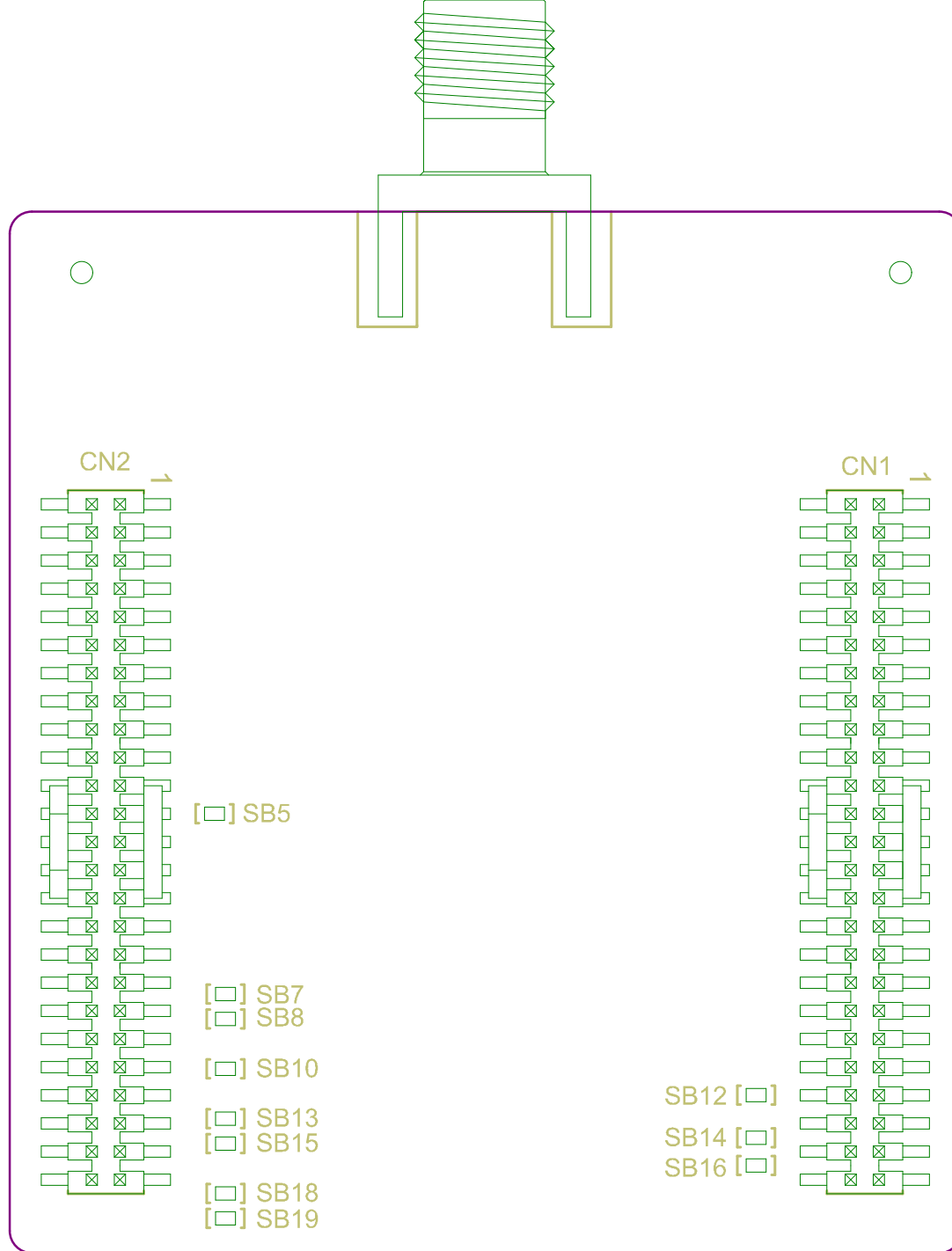
Rev: A







.GTO



Bottom Overlay

.GBO