

STM32WL3 - QFN48 - 4-Layers - SMD

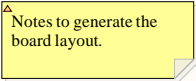
MB2218

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- 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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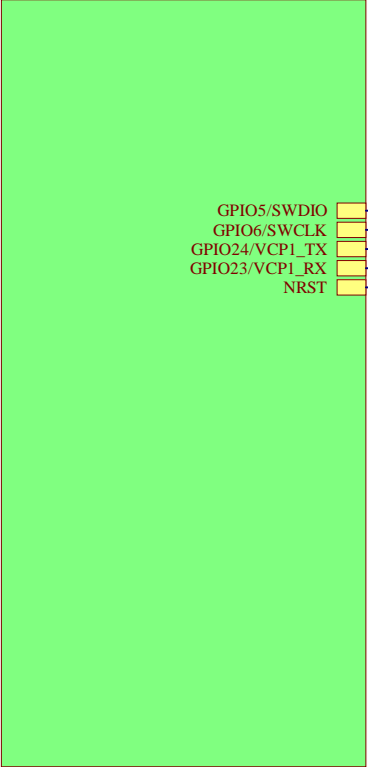
U_Top
Top.SchDoc



Title: Project Overview		
Project: STM32WL3 - QFN48 - 4-Layers - SMD		
Variant: 915MHz_20dBm		
Revision: A-01	Reference: MB2218	
Size: A4	Date: 12/02/2024	Sheet: 1 of 5

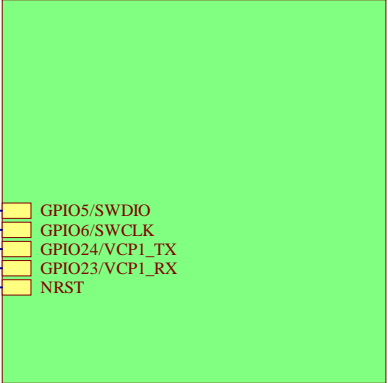


Designator
MCU_IOs.SchDoc



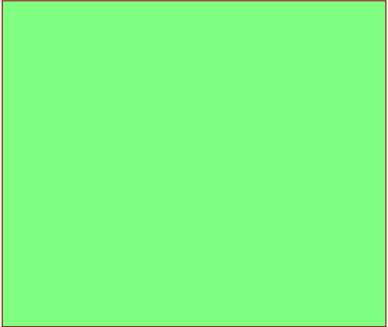
GPIO5/SWDIO
GPIO6/SWCLK
GPIO24/VCP1_TX
GPIO23/VCP1_RX
NRST

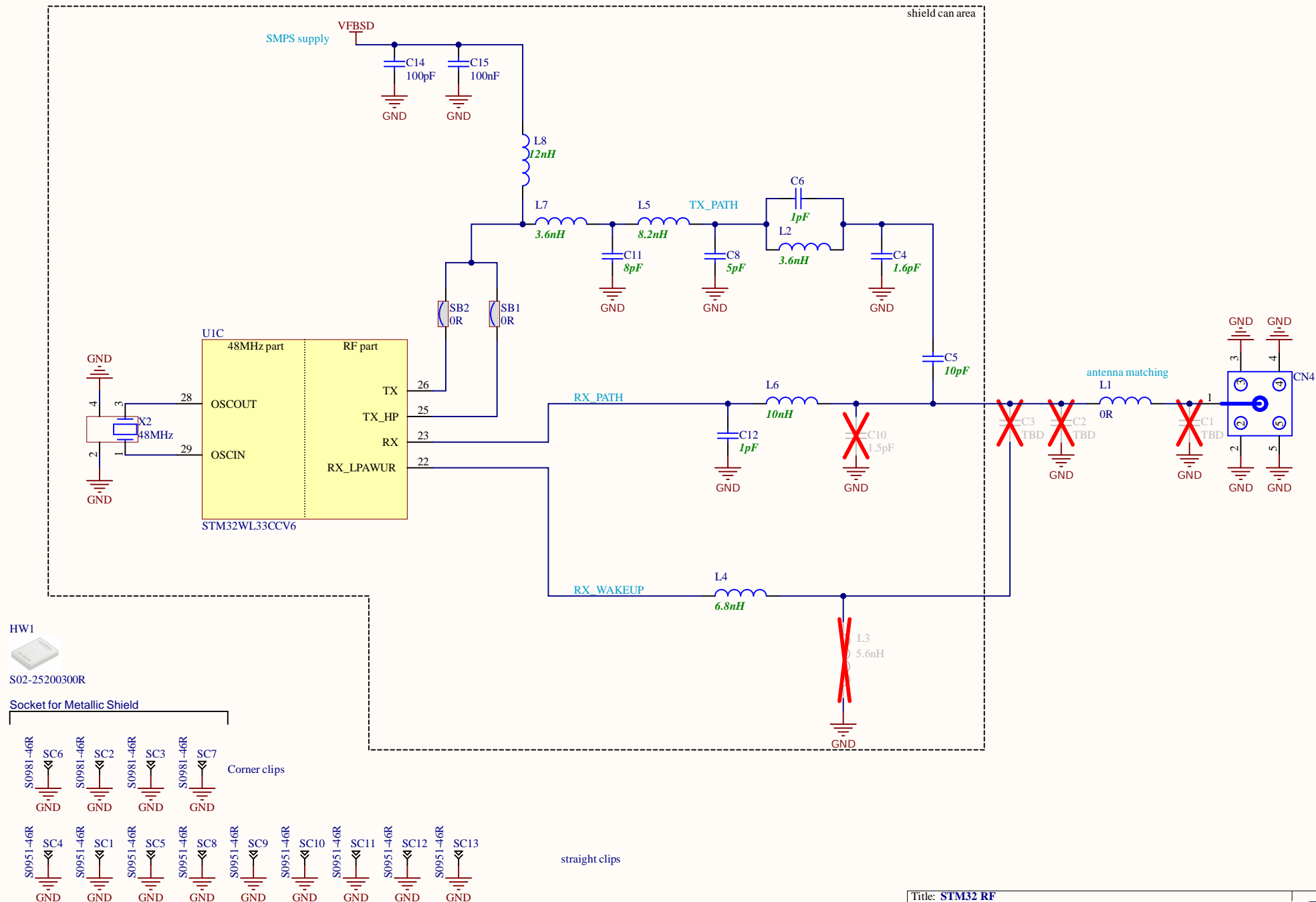
Designator
Supply.SchDoc



GPIO5/SWDIO
GPIO6/SWCLK
GPIO24/VCP1_TX
GPIO23/VCP1_RX
NRST

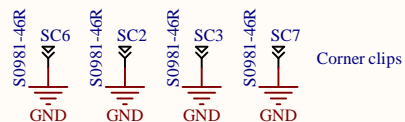
Designator
RF.SchDoc





HW1
S02-25200300R

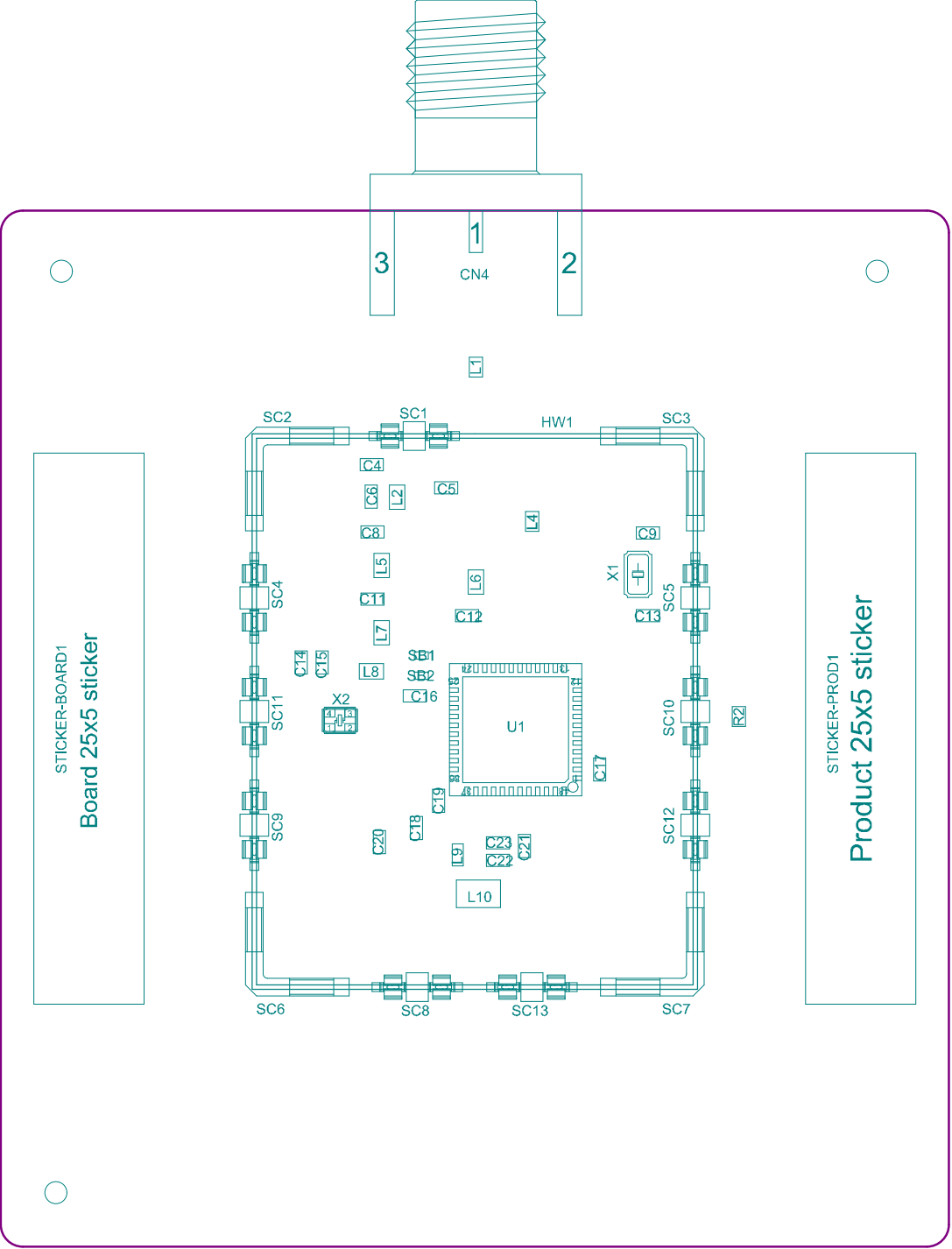
Socket for Metallic Shield



straight clips

Title: STM32 RF		
Project: STM32WL3 - QFN48 - 4-Layers - SMD		
Variant: 915MHz_20dBm		
Revision: A-01	Reference: MB2218	
Size: A4	Date: 12/02/2024	Sheet: 5 of 5





Project: STM32WL3 - QFN48 - 4-Layers - SMD

Layer: M14-Top Assembly

Variant: 915MHz_20dBm

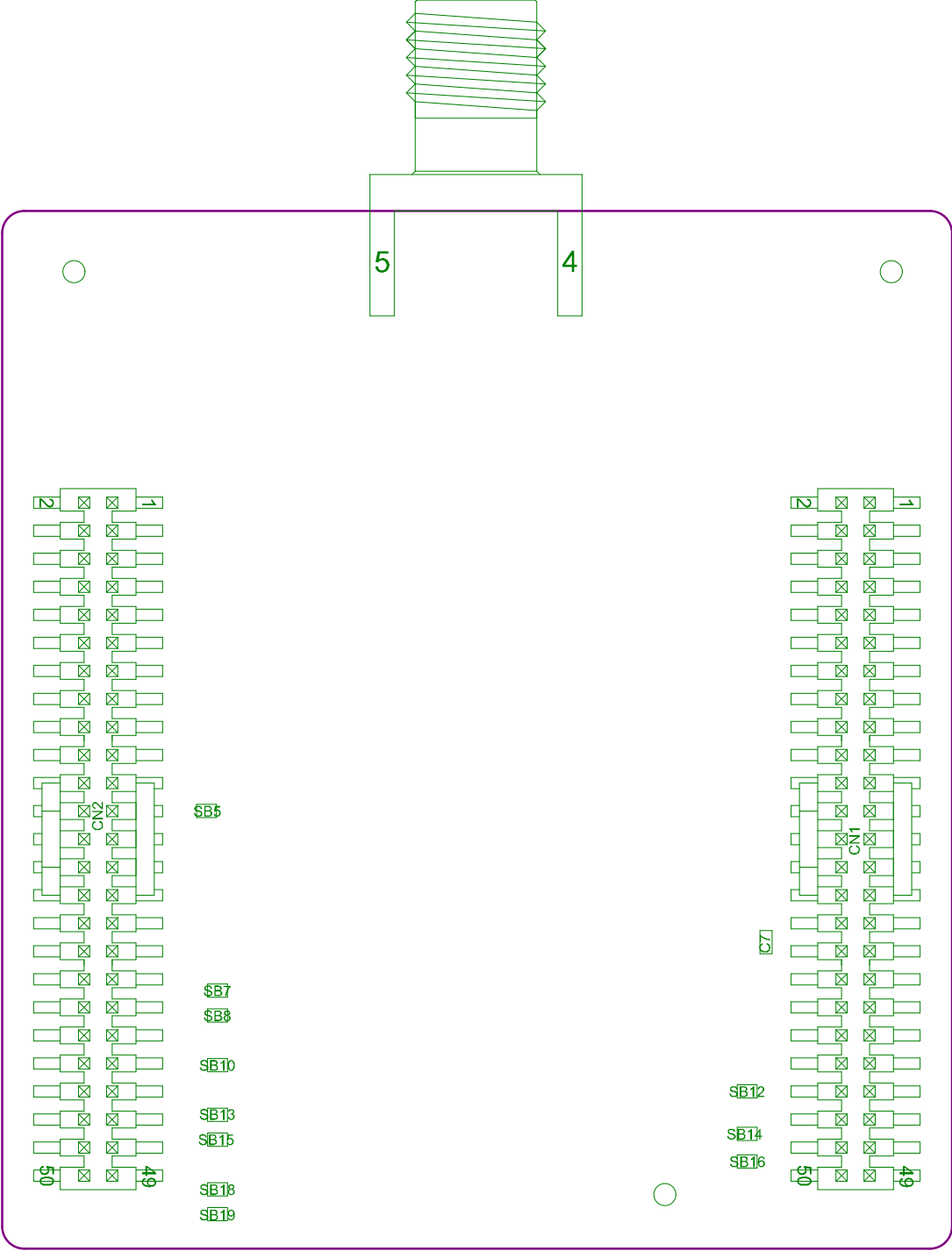
Date: 12/02/2024

Gerber: .GM14

Ref: MB2218

Rev: A





Project: STM32WL3 - QFN48 - 4-Layers - SMD

Layer: M15-Bottom Assembly

Gerber:.GM15

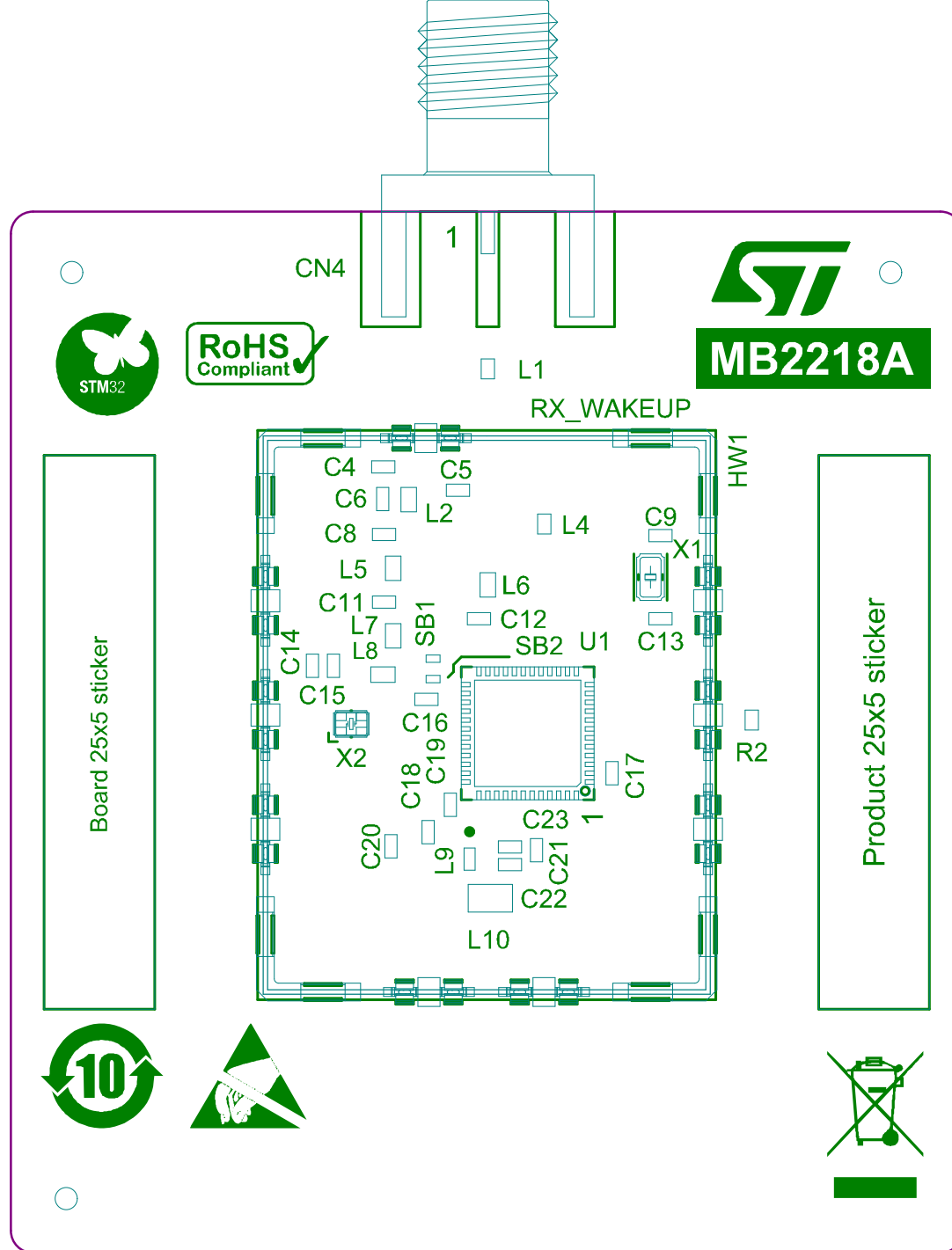
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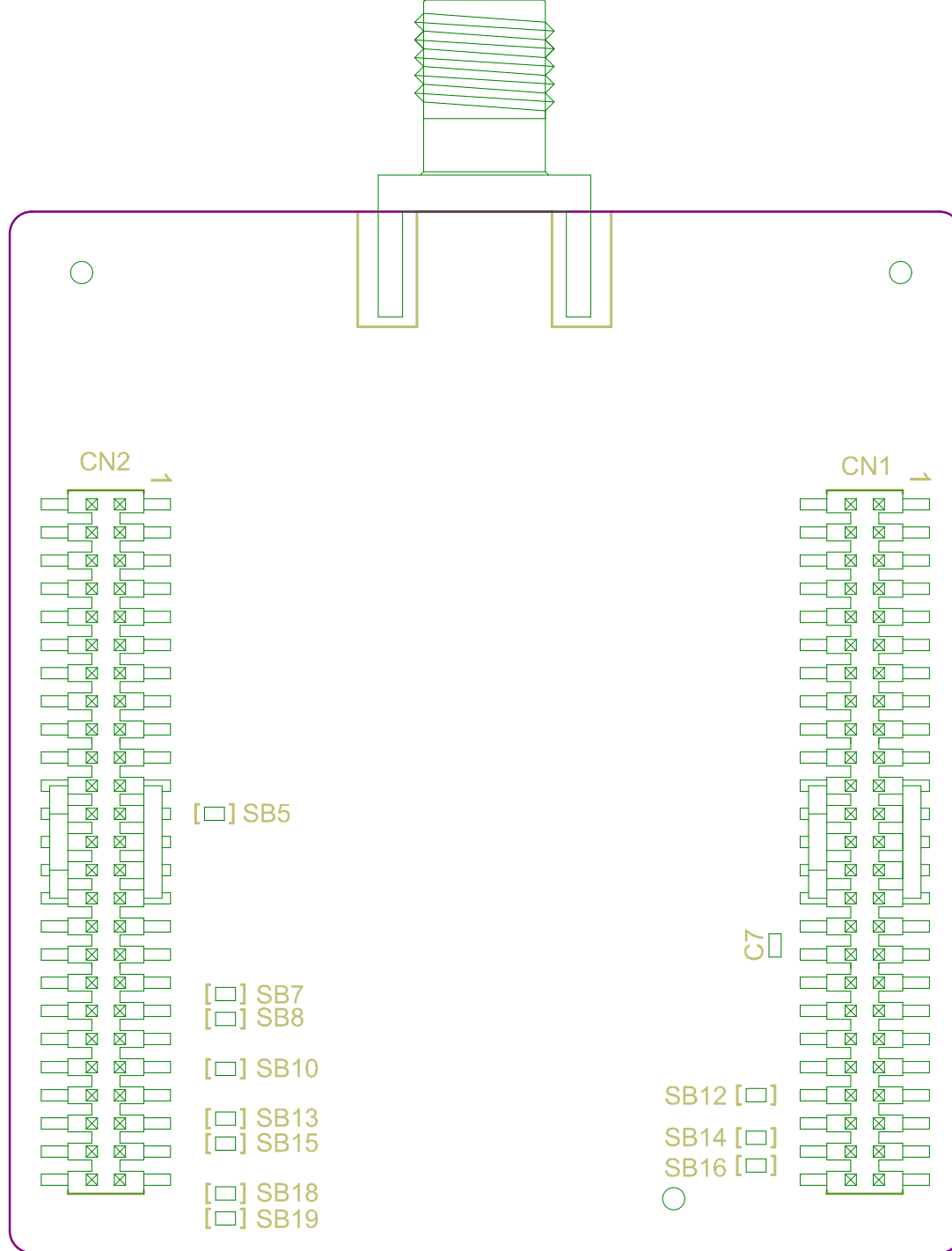
Ref: MB2218

Date: 12/02/2024

Rev: A







Bottom Overlay

.GBO