

Reference Design STM32WL3R - QFN32 - 2-Layers - SMD

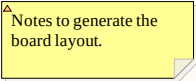
MB2406

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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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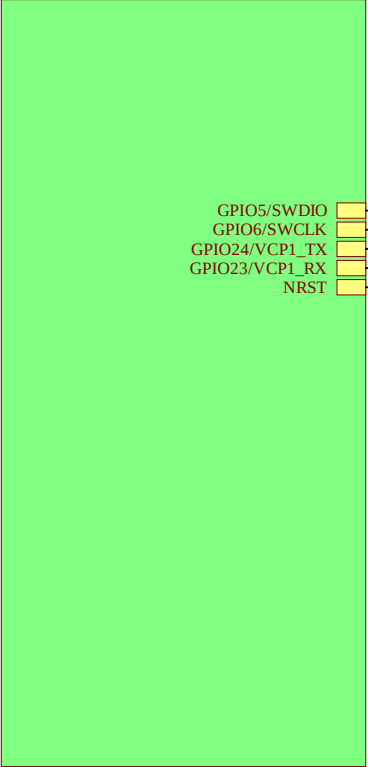
U_Top
Top.SchDoc



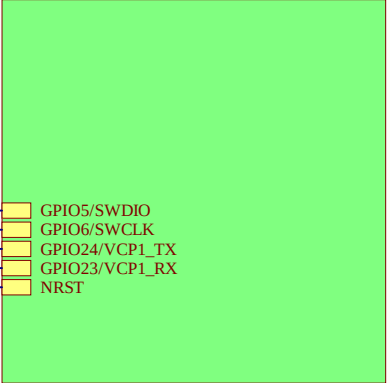
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Project: Reference Design STM32WL3R - QFN32 - 2-Layers - SMD		
Variant: 315MHz_16dBm		
Revision: A-02	Reference: MB2406	
Size: A4	Date: 25/06/2025	Sheet: 1 of 5



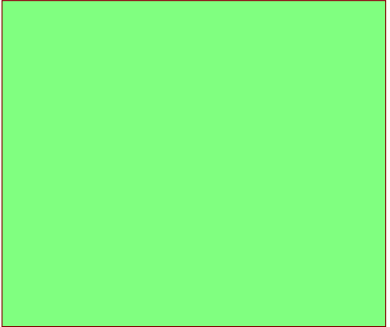
Designator
MCU_IOs.SchDoc



Designator
Supply.SchDoc



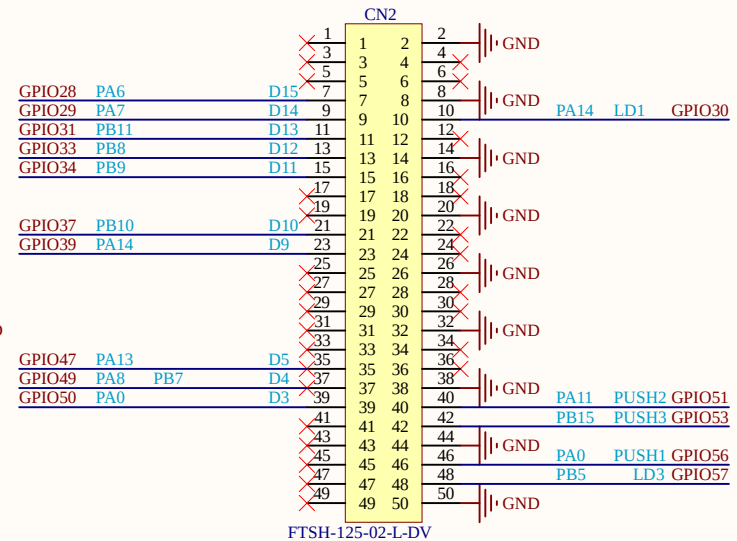
Designator
RF.SchDoc



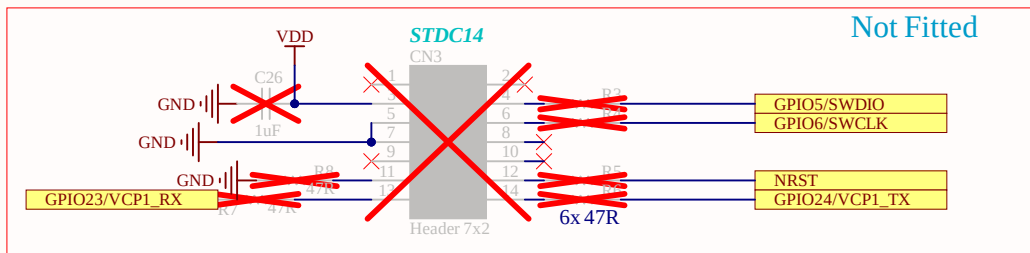
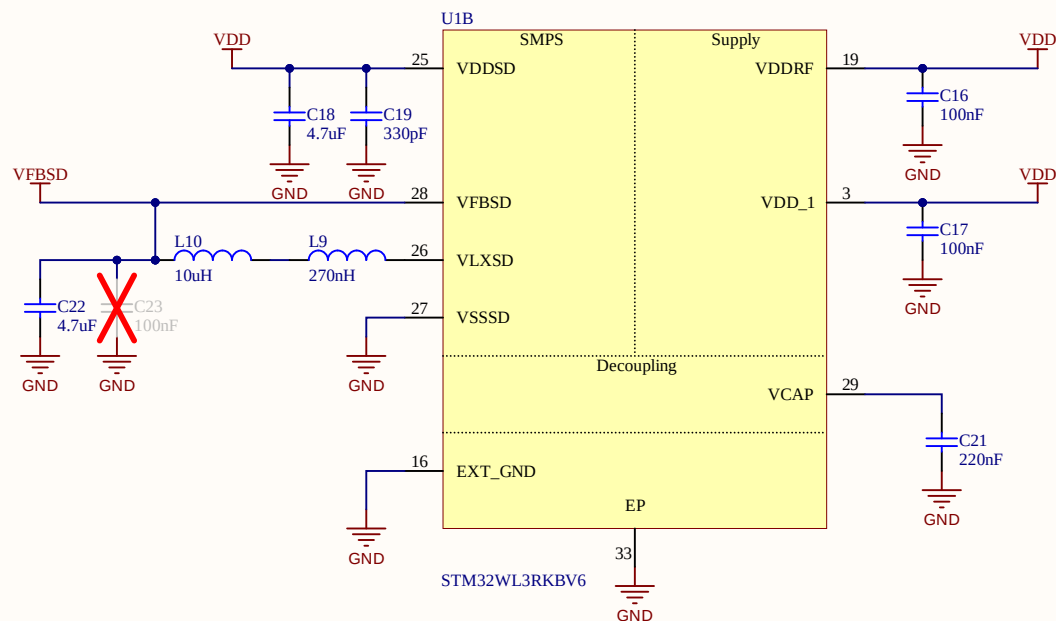
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GPIO6/SWCLK
GPIO24/VCP1_TX
GPIO23/VCP1_RX
NRST

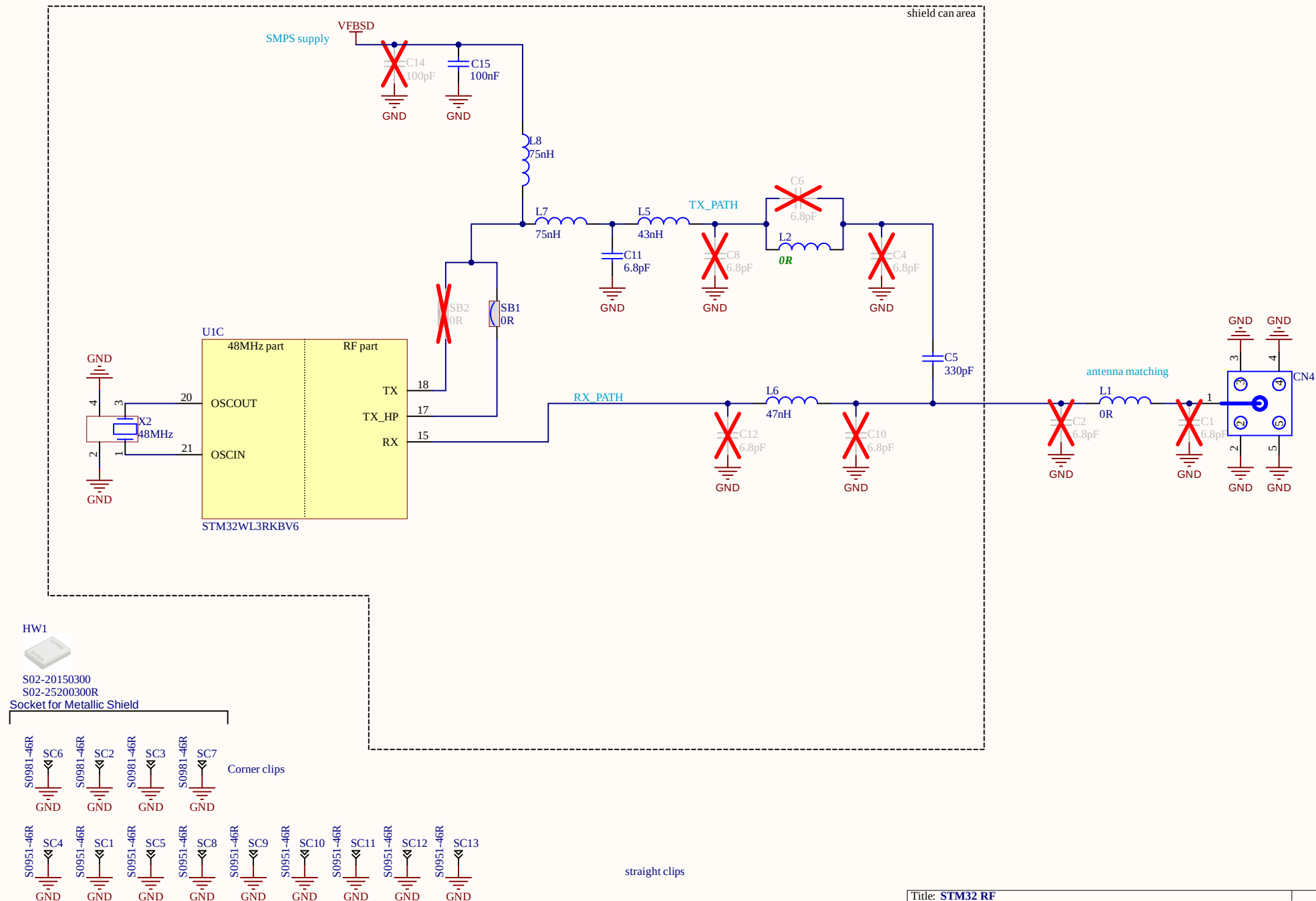
GPIO5/SWDIO
GPIO6/SWCLK
GPIO24/VCP1_TX
GPIO23/VCP1_RX
NRST

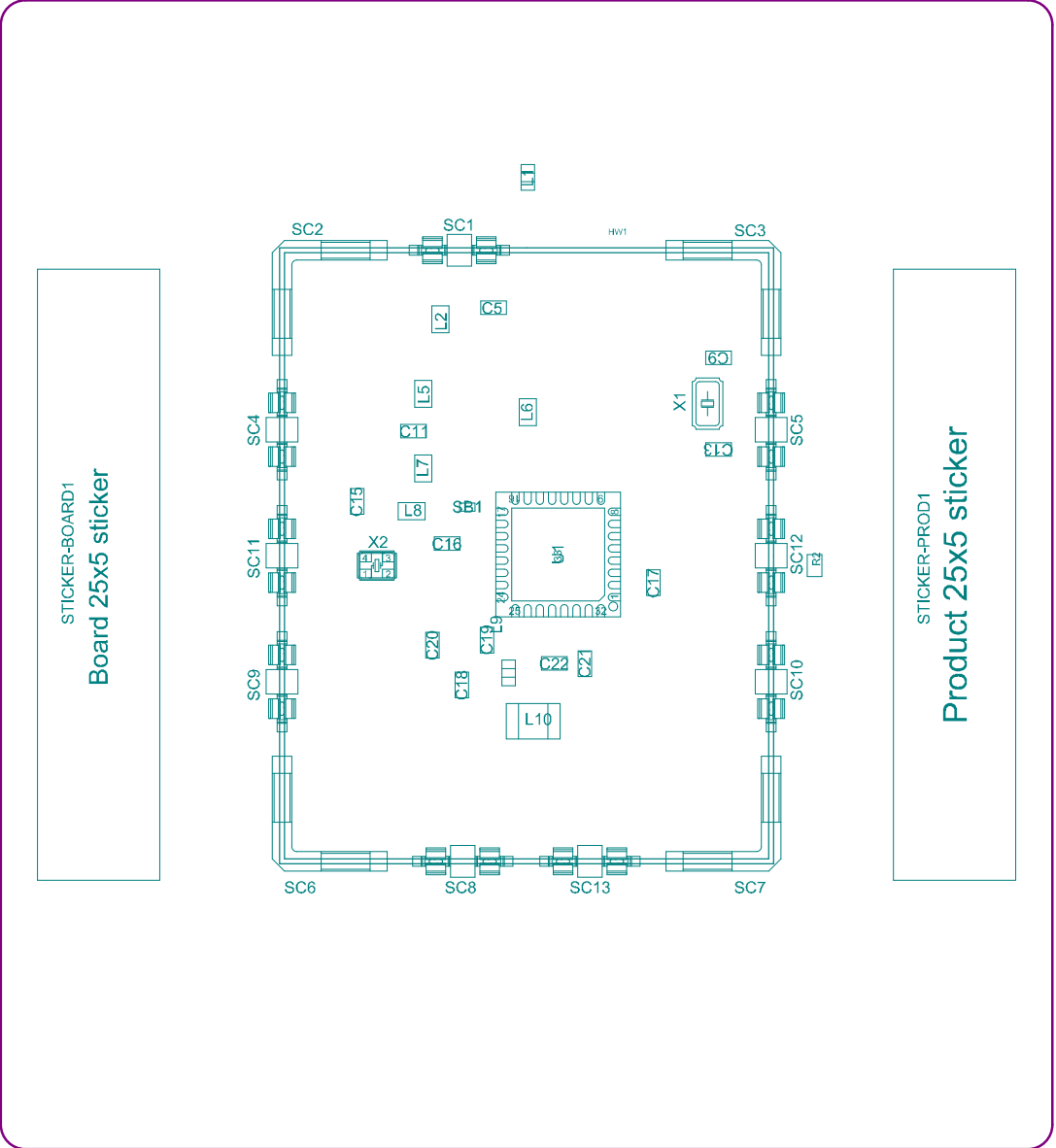




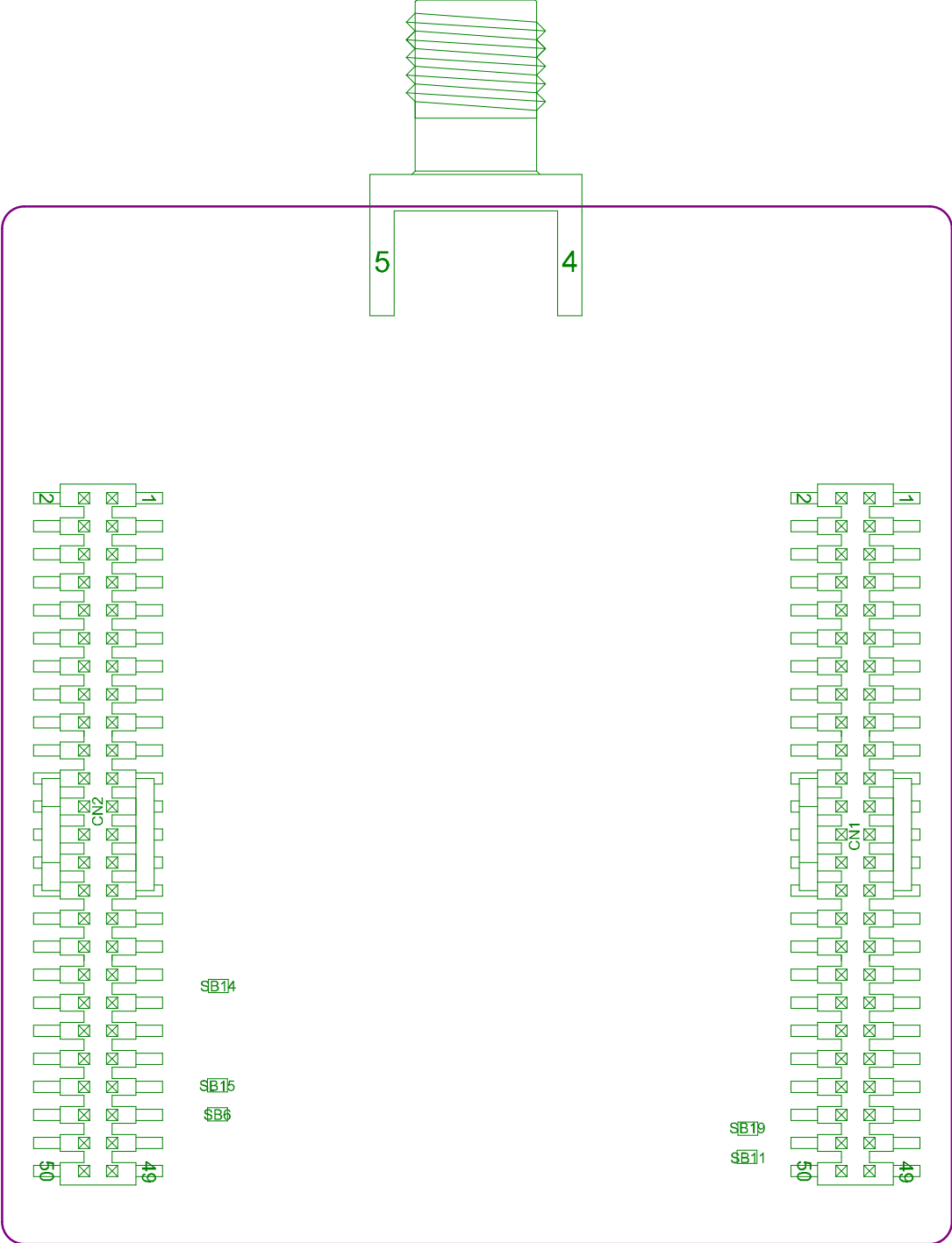
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Project: Reference Design STM32WL3R - QFN32 - 2-Layers - SMD			
Variant: 315MHz_16dBm			
Revision: A-02	Reference: MB2406		
Size: A4	Date: 25/06/2025	Sheet: 3 of 5	







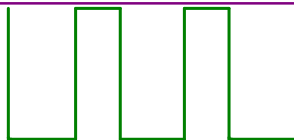
Project: Reference Design STM32WL3R - QFN32 - 2-Layers - SMD		
Layer: M14-Top Assembly	Gerber: .GM14	
Variant: 315MHz_16dBm	Ref: MB2406	
Date: 25/06/2025	Rev: A	



Project: Reference Design STM32WL3R - QFN32 - 2-Layers - SMD		
Layer: M15-Bottom Assembly	Gerber: .GM15	
Variant: 315MHz_16dBm	Ref: MB2406	
Date: 25/06/2025	Rev: A	



CN4

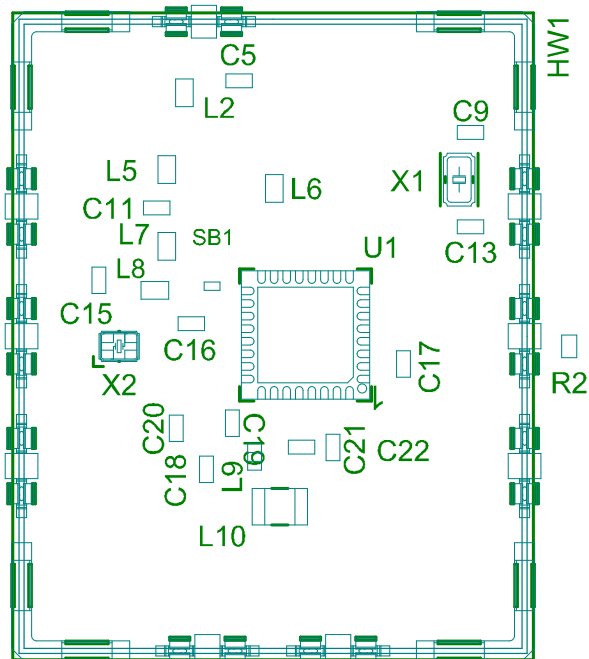


L1



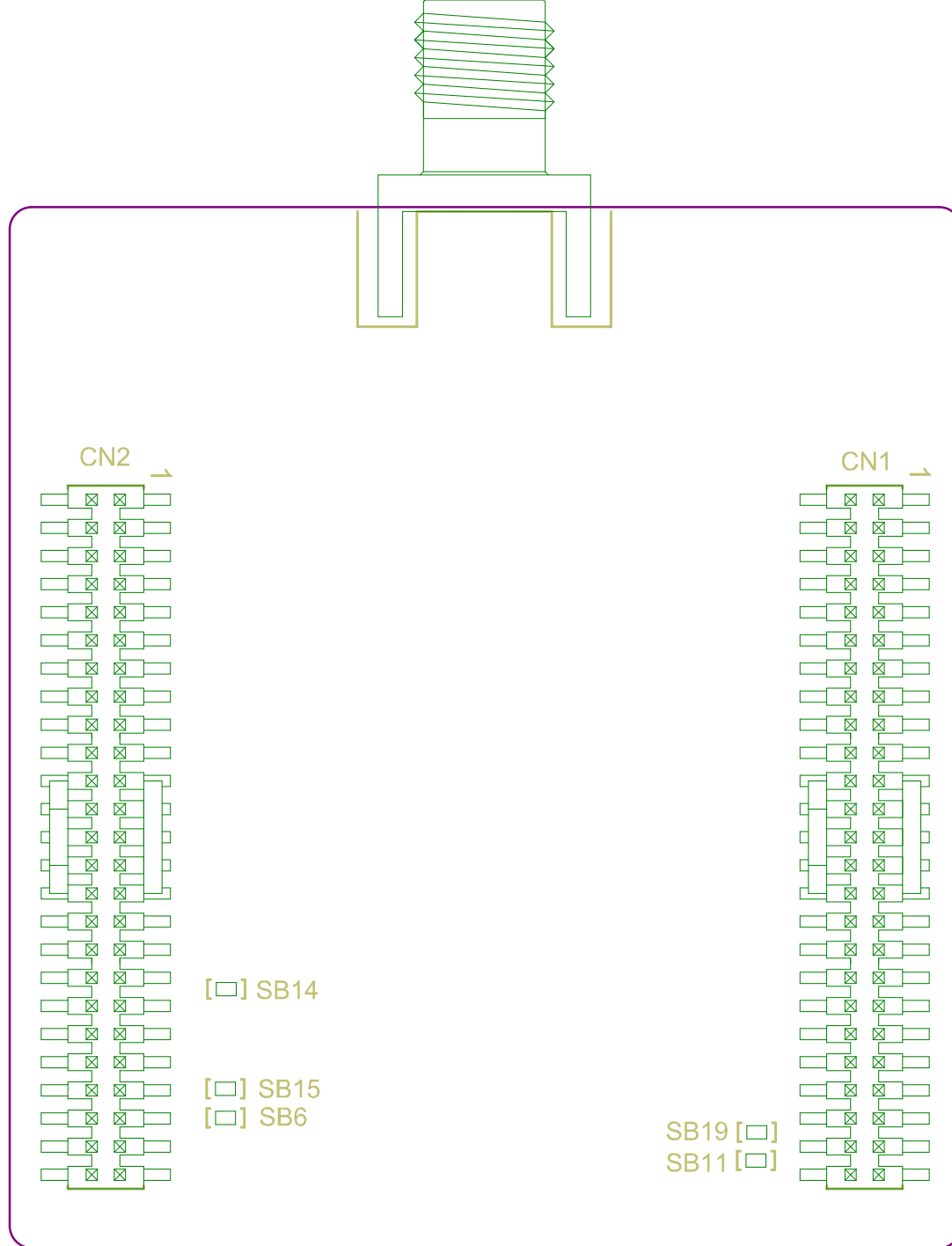
MB2406A

Board 25x5 sticker



Product 25x5 sticker





Bottom Overlay

.GBO