

MiniBoard_WBA5x_QFN48_SMPS_PCBAntenna

MB1803

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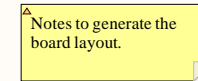
- Sheet 1: Project overview (this page)
- Sheet 2: Top
- Sheet 3: STM32 microcontroller I/Os & Clock
- Sheet 4: RF & Power Management

Legend

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

Text to be added to silkscreen.

Warning text.



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U_Top
Top.SchDoc



HW2



MB1803

HW3



Sticker board

HW4

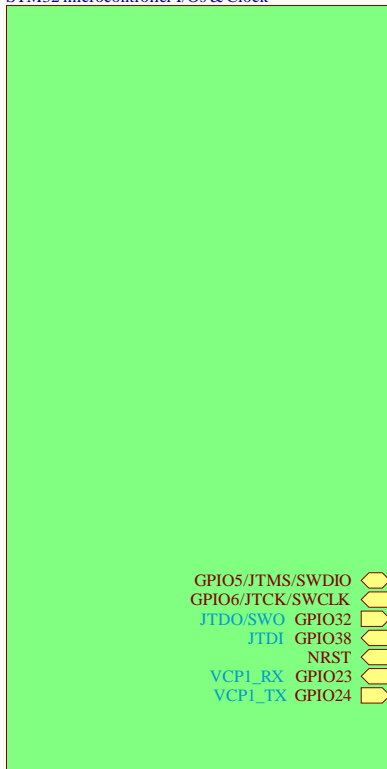









Sticker product

Title: Project Overview		
Project: MiniBoard_WBA5x_QFN48_SMPS_PCBAntenna		
Variant: WBA55CGA		
Revision: B-01		Reference: MB1803
Size: A4	Date: 24-August-2022	Sheet: 1 of 4

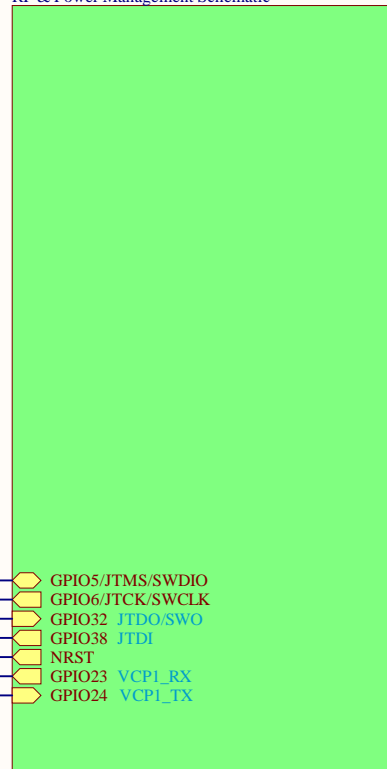









STM32 microcontroller I/Os & Clock



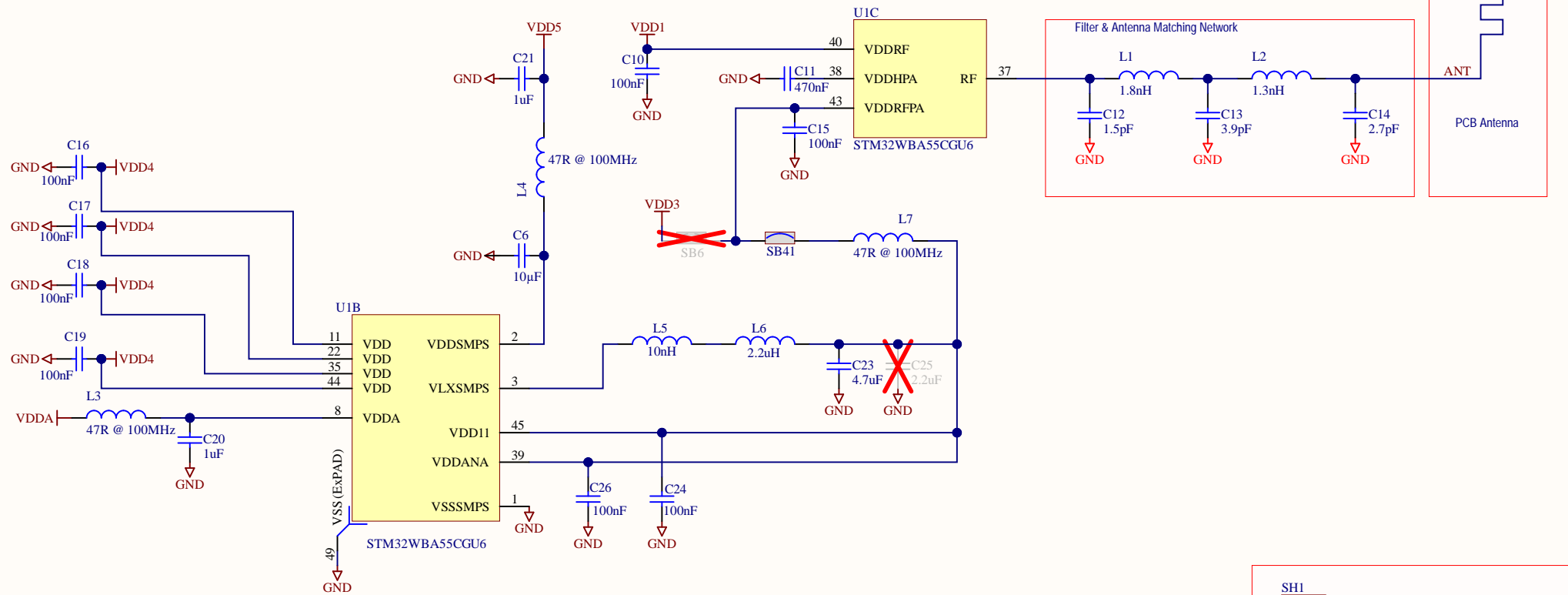
GPIO5/JTMS/SWDIO 
 GPIO6/JTCK/SWCLK 
 JTDO/SWO GPIO32 
 JTDI GPIO38 
 NRST 
 VCP1_RX GPIO23 
 VCP1_TX GPIO24 

RF & Power Management Schematic

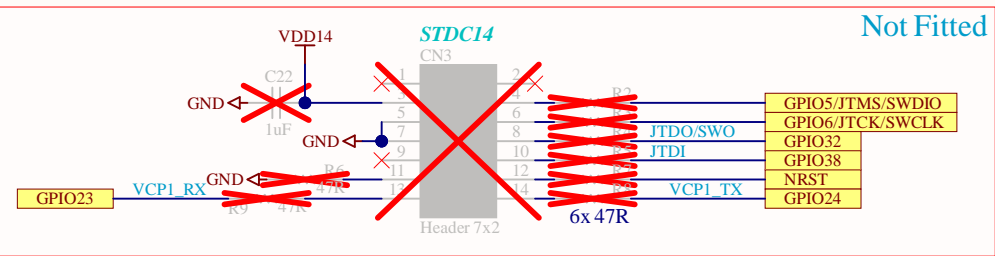
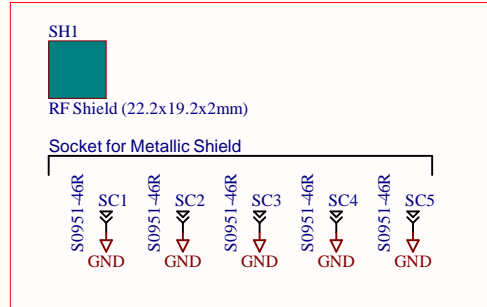
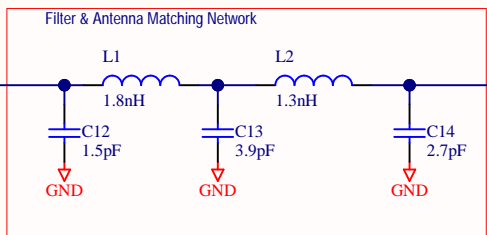
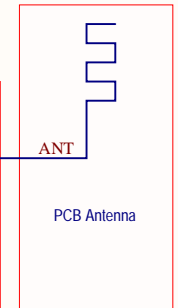


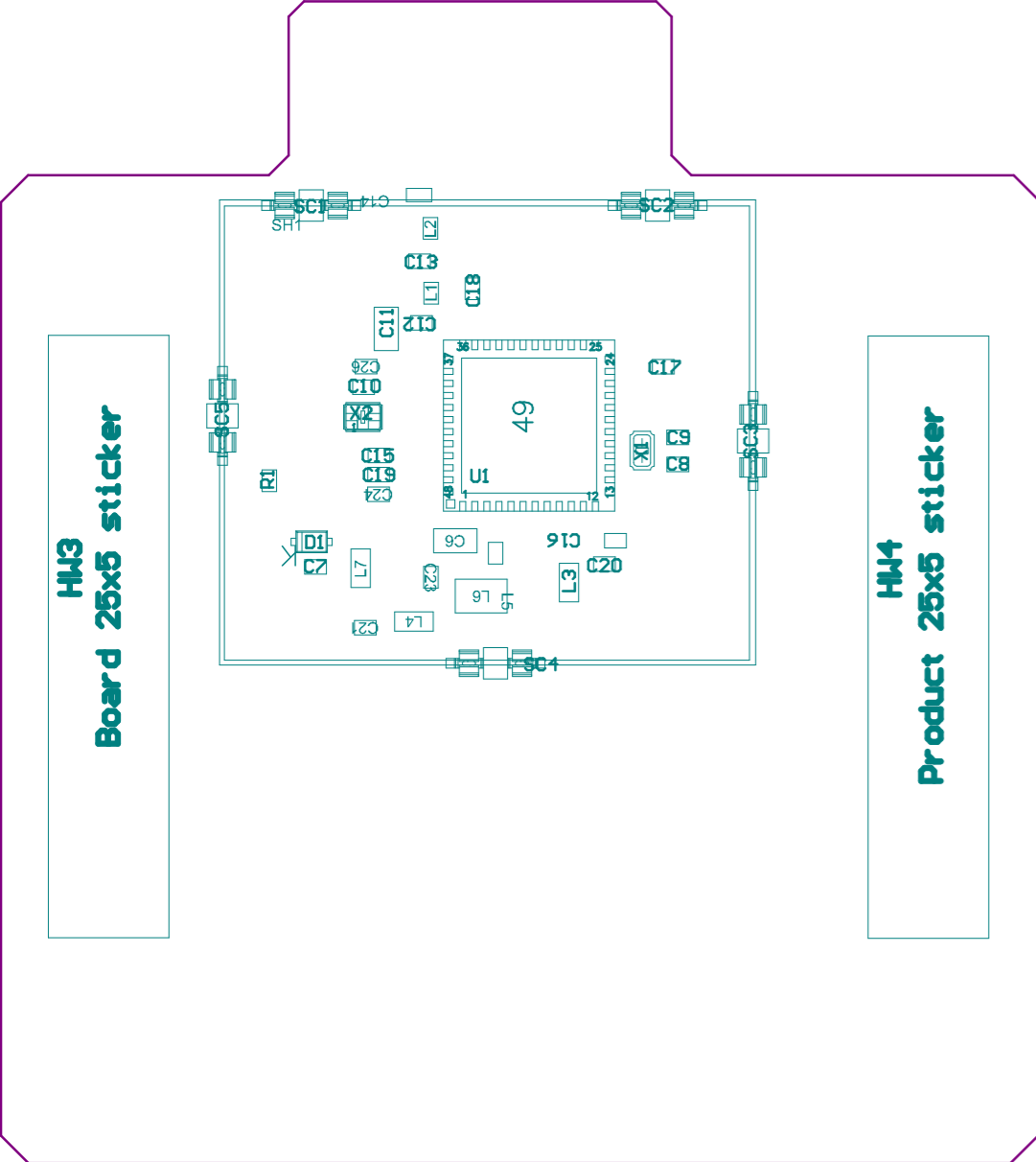
GPIO5/JTMS/SWDIO 
 GPIO6/JTCK/SWCLK 
 GPIO32 JTDO/SWO 
 GPIO38 JTDI 
 NRST 
 GPIO23 VCP1_RX 
 GPIO24 VCP1_TX 







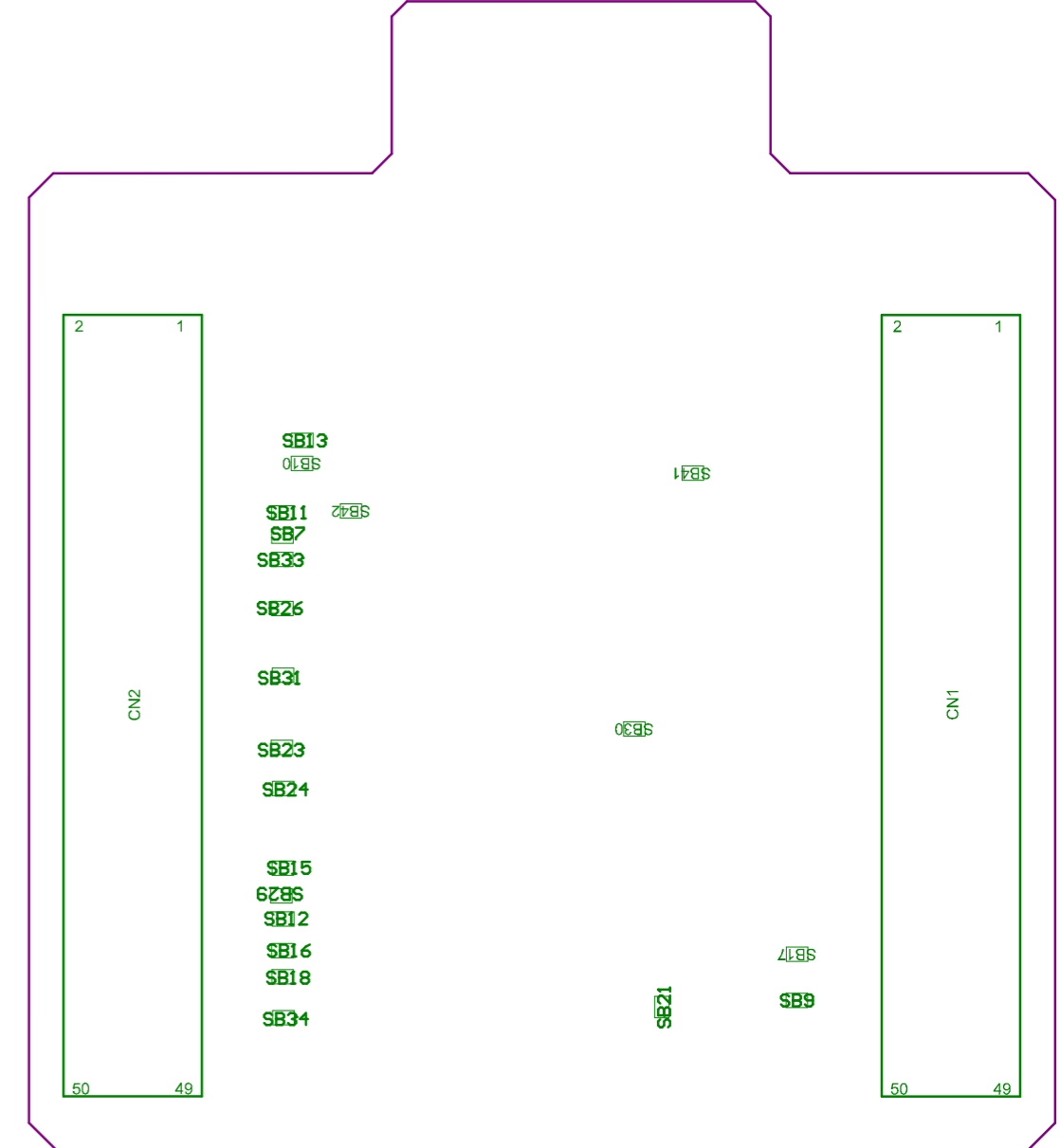
Meander Antenna
2.4GHz
(see AN3359 on www.st.com)





Project: MiniBoard_WBA5x_QFN48_SMPS_PCBAntenna		
Layer: M14-Top Assembly	Gerber: .GM14	
Variant: WBA55CGA	Ref: MB1803	
Date: 24-August-2022	Rev: B	

Project: MiniBoard_WBA5x_QFN48_SMPS_PCBAntenna		
Layer: M15-Bottom Assembly	Gerber:.GM15	
Variant: WBA55CGA	Ref: MB1803	
Date: 24-August-2022	Rev: B	

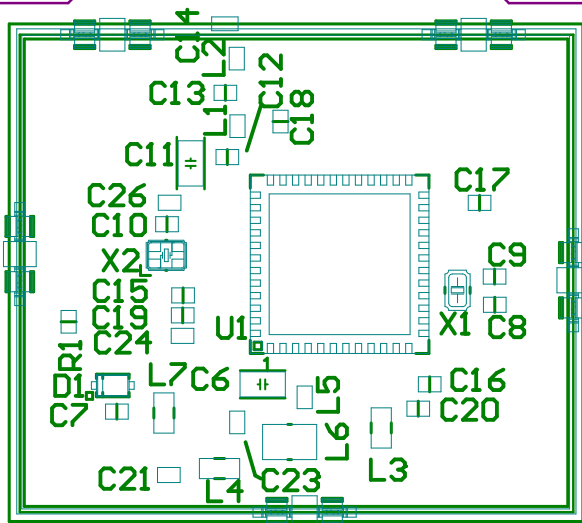




STM32
Nucleo

Board 25x5 sticker

MB1803B



Product 25x5 sticker



STM32

Top Overlay

.GTO

