

# MiniBoard\_WBA54\_QFN32\_LDO\_SMA

MB1806

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## Legend

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

Text to be added to silkscreen.

Warning text.

A

Notes to generate the board layout.

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U\_Top  
Top.SchDoc



HW2



MB1806

HW3



Sticker board

HW4

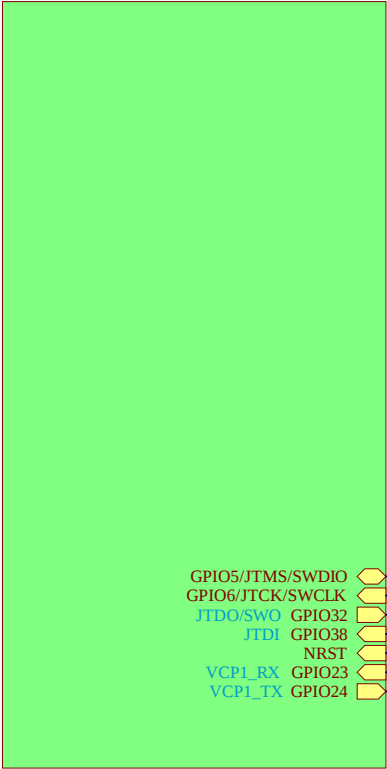


Sticker product

|                                               |                   |                   |
|-----------------------------------------------|-------------------|-------------------|
| Title: <b>Project Overview</b>                |                   |                   |
| Project: <b>MiniBoard_WBA54_QFN32_LDO_SMA</b> |                   |                   |
| Variant: WBA54KGB                             |                   |                   |
| Revision: A-01                                |                   | Reference: MB1806 |
| Size: A4                                      | Date: 19-May-2022 | Sheet: 1 of 4     |

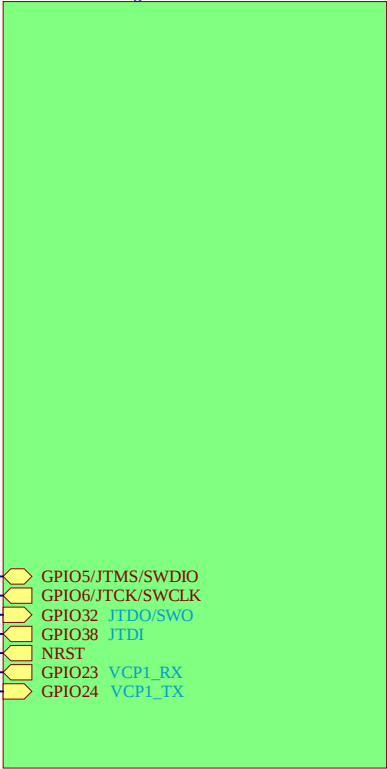


STM32 microcontroller I/Os & Clock



GPIO5/JTMS/SWDIO  
GPIO6/JTCK/SWCLK  
JTDO/SWO GPIO32  
JTDI GPIO38  
NRST  
VCP1\_RX GPIO23  
VCP1\_TX GPIO24

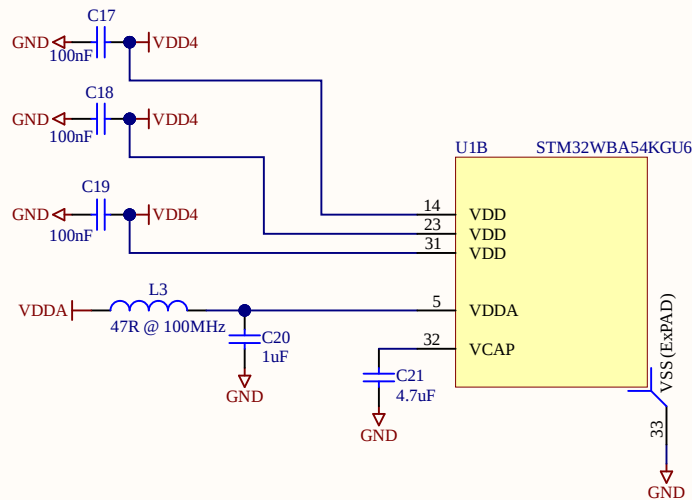
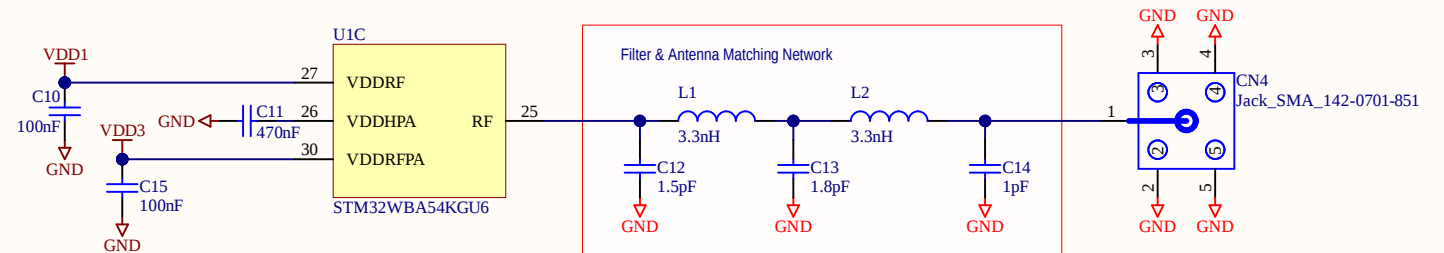
RF & Power Management Schematic



GPIO5/JTMS/SWDIO  
GPIO6/JTCK/SWCLK  
GPIO32 JTDO/SWO  
GPIO38 JTDI  
NRST  
GPIO23 VCP1\_RX  
GPIO24 VCP1\_TX



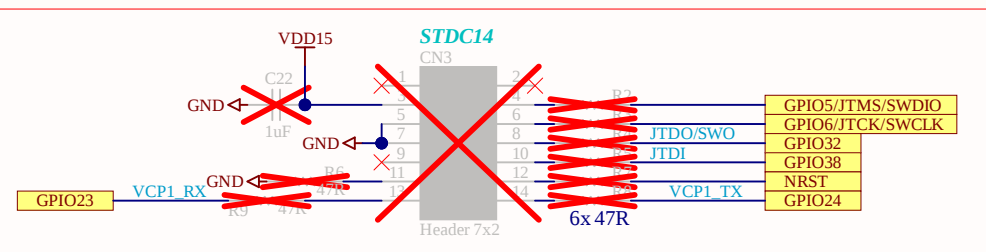
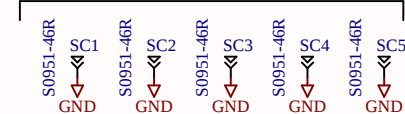


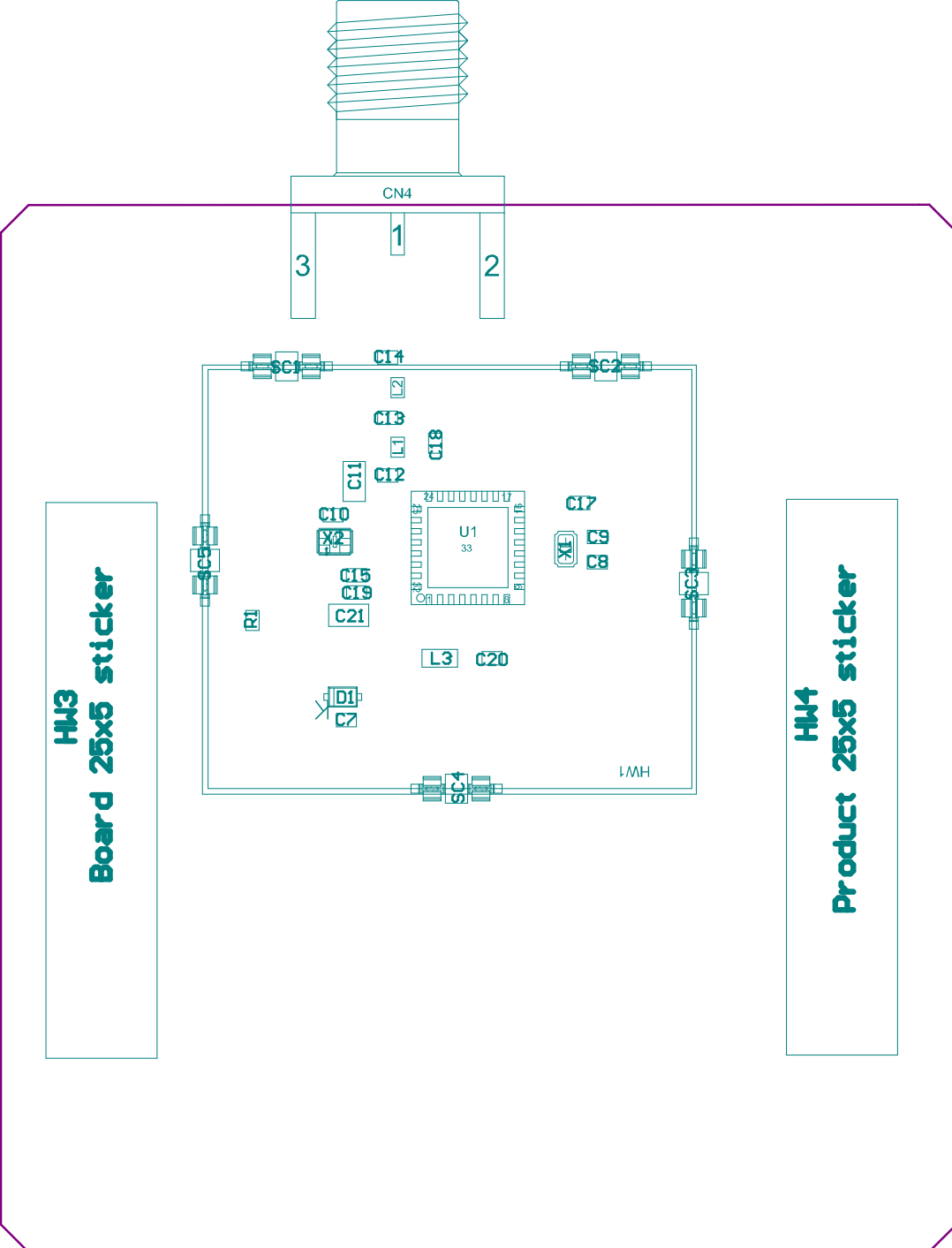


HW1

RF Shield (22.2x19.2x2mm)

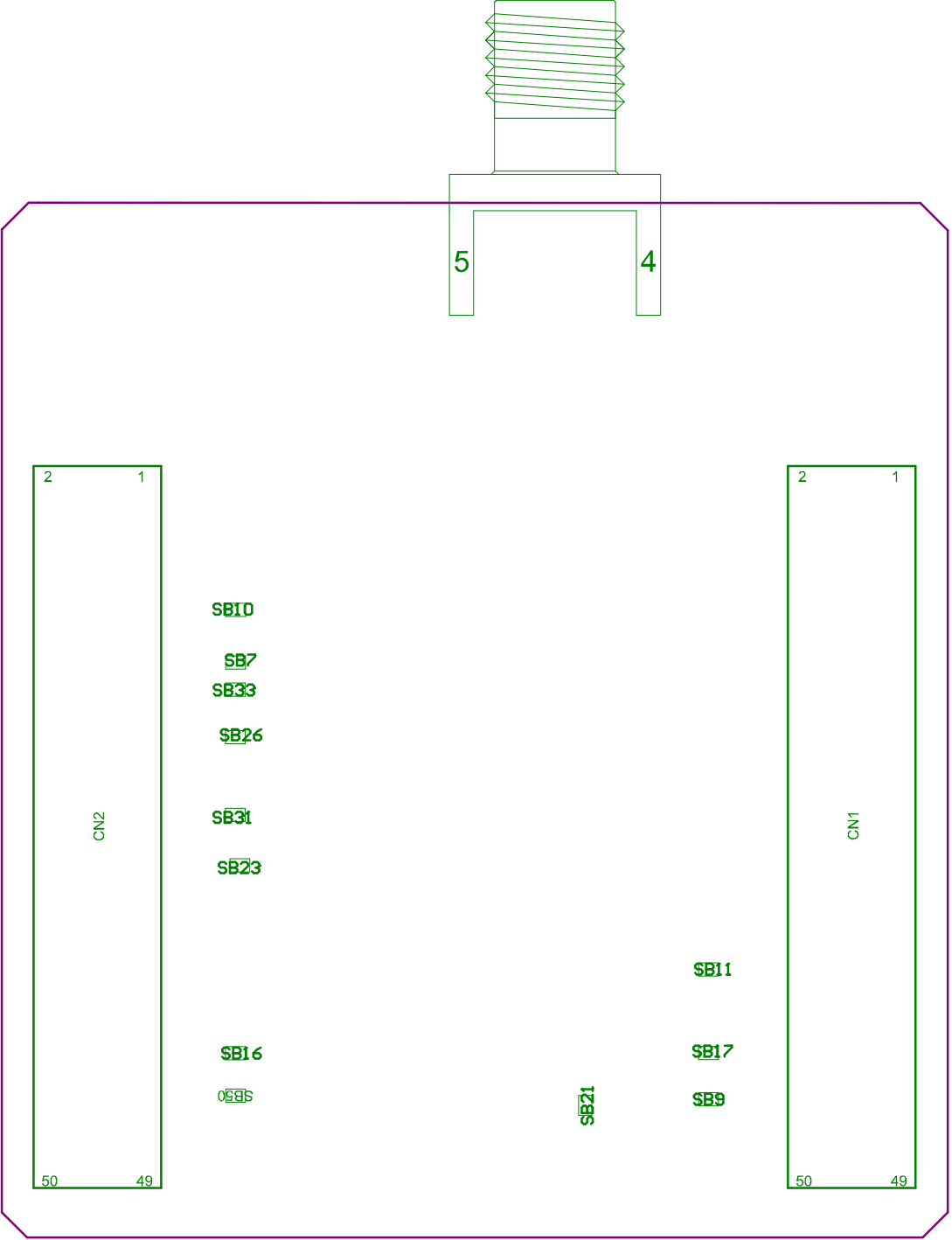
Socket for Metallic Shield



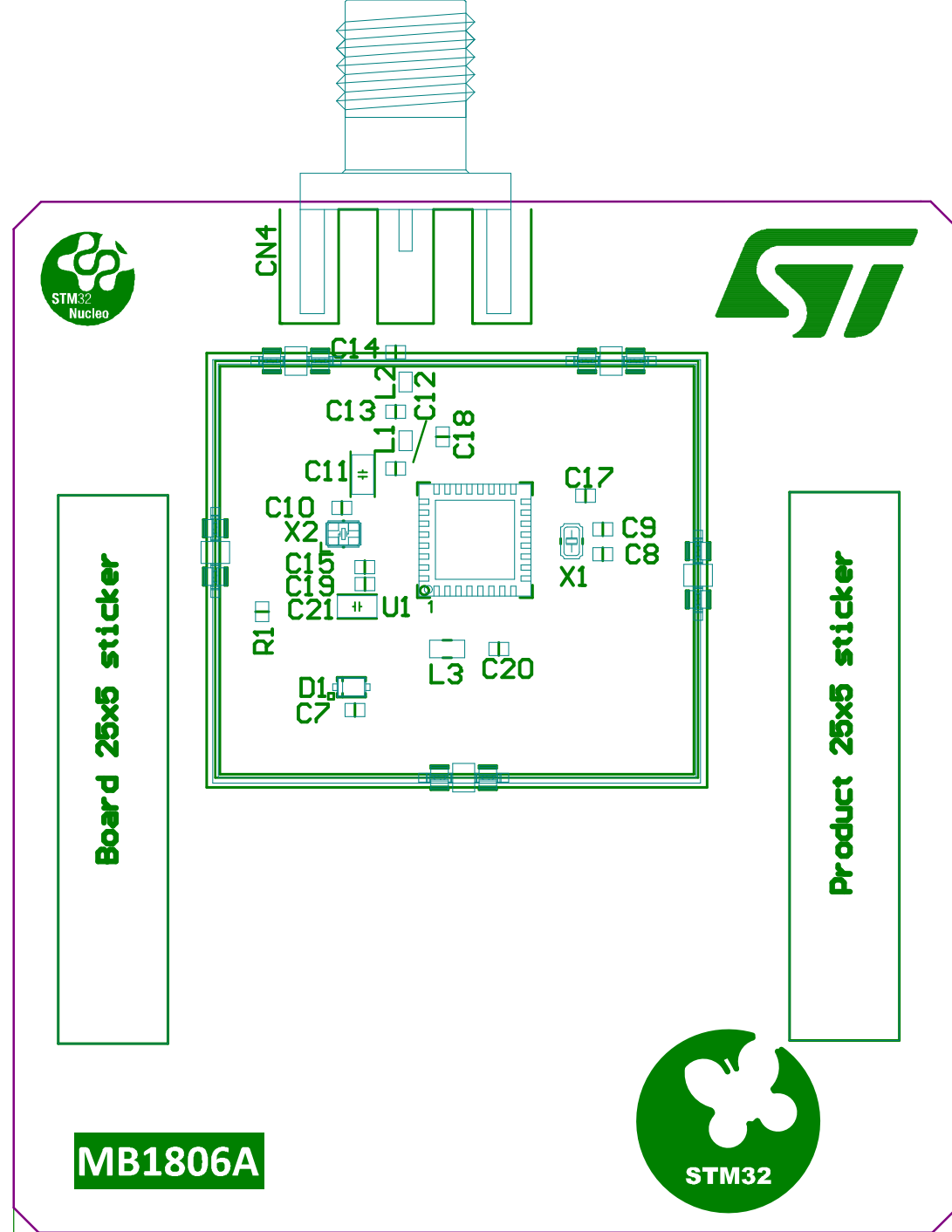


|                                        |               |                                                                                       |
|----------------------------------------|---------------|---------------------------------------------------------------------------------------|
| Project: MiniBoard_WBA54_QFN32_LDO_SMA |               |  |
| Layer: M14-Top Assembly                | Gerber: .GM14 |                                                                                       |
| Variant: WBA54KGB                      | Ref: MB1806   |                                                                                       |
| Date: 19-May-2022                      | Rev: A        |                                                                                       |

|                                        |              |
|----------------------------------------|--------------|
| Project: MiniBoard_WBA54_QFN32_LDO_SMA |              |
| Layer: M15-Bottom Assembly             | Gerber:.GM15 |
| Variant: WBA54KGB                      | Ref: MB1806  |
| Date: 19-May-2022                      | Rev: A       |







Top Overlay

.GTO

Bottom Overlay

.GBO

