

MCU_RF_Board_WBA2_QFN48

MB2293

Table of contents

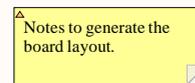
- Sheet 1: Project overview (this page)
- Sheet 2: Top
- Sheet 3: MCU I/Os
- Sheet 4: RF & Power management
- Sheet 5 : QuadSPI

Legend

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

Text to be added to silkscreen.

Warning text.



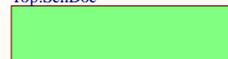
Open Platform License Agreement

The Open Platform License Agreement (“Agreement”) is a binding legal contract between you (“You”) and STMicroelectronics International N.V. (“ST”), a company incorporated under the laws of the Netherlands acting for the purpose of this Agreement through its Swiss branch 39, Chemin du Champ des Filles, 1228 Plan-les-Ouates, Geneva, Switzerland.

By using the enclosed reference designs, schematics, PC board layouts, and documentation, in hardcopy or CAD tool file format (collectively, the “Reference Material”), You are agreeing to be bound by the terms and conditions of this Agreement. Do not use the Reference Material until You have read and agreed to this Agreement terms and conditions. The use of the Reference Material automatically implies the acceptance of the Agreement terms and conditions.

The complete Open Platform License Agreement can be found on www.st.com/opla.

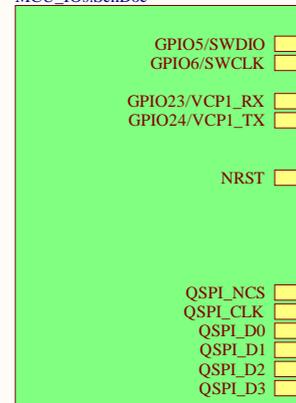
U_Top
Top.SchDoc



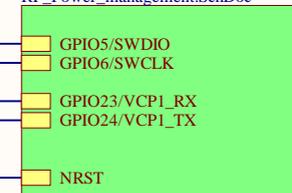
Title: Project Overview		
Project: MCU_RF_Board_WBA2_QFN48		
Variant: WBA2		
Revision: B-05		Reference: MB2293
Size: A4	Date: 05 FEB 2026	Sheet: 1 of 5



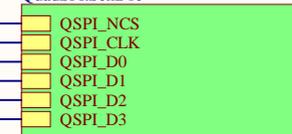
U_MCU_IOs
MCU_IOs.SchDoc

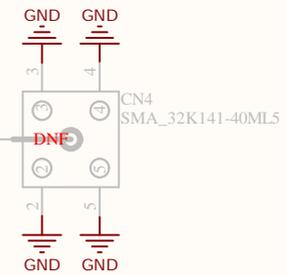
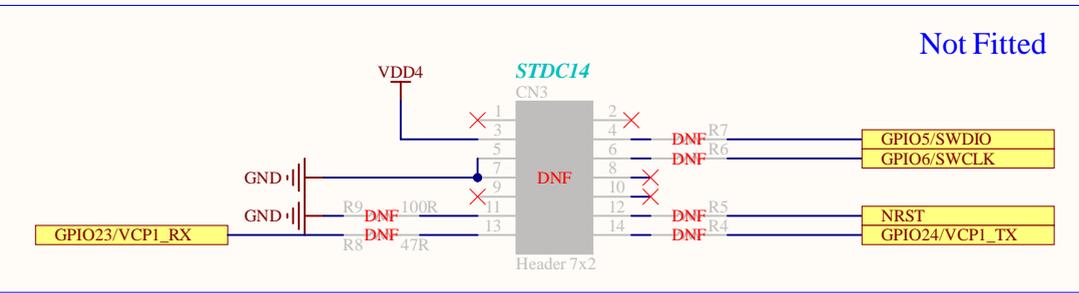


U_RF_Power_management
RF_Power_management.SchDoc

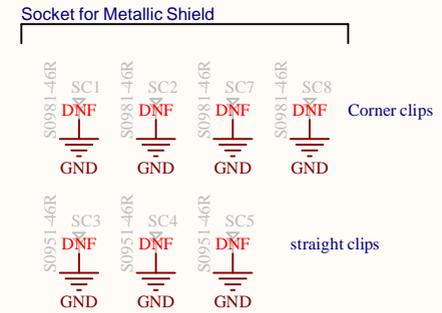
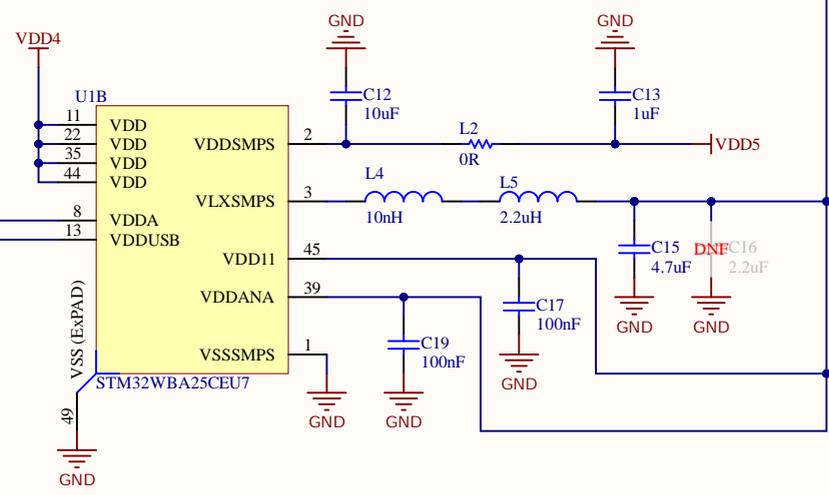
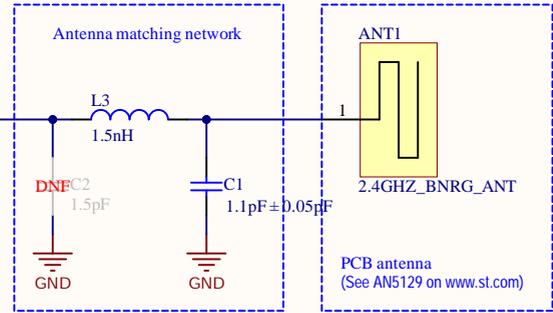
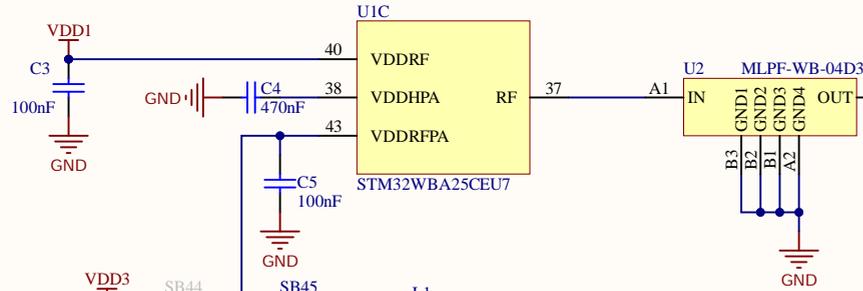
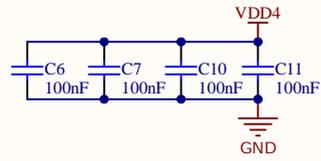


U_QuadSPI
QuadSPI.SchDoc

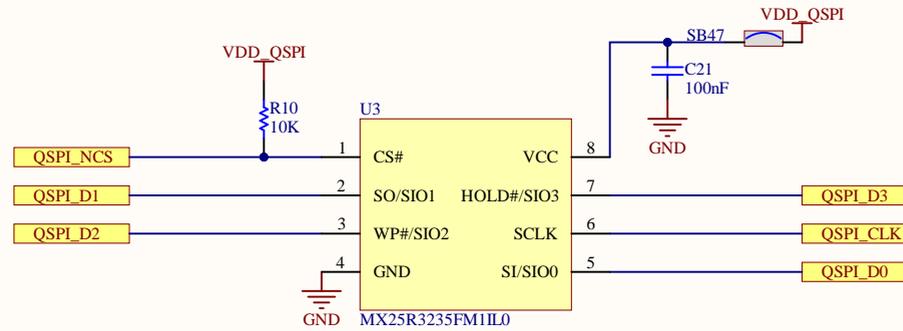


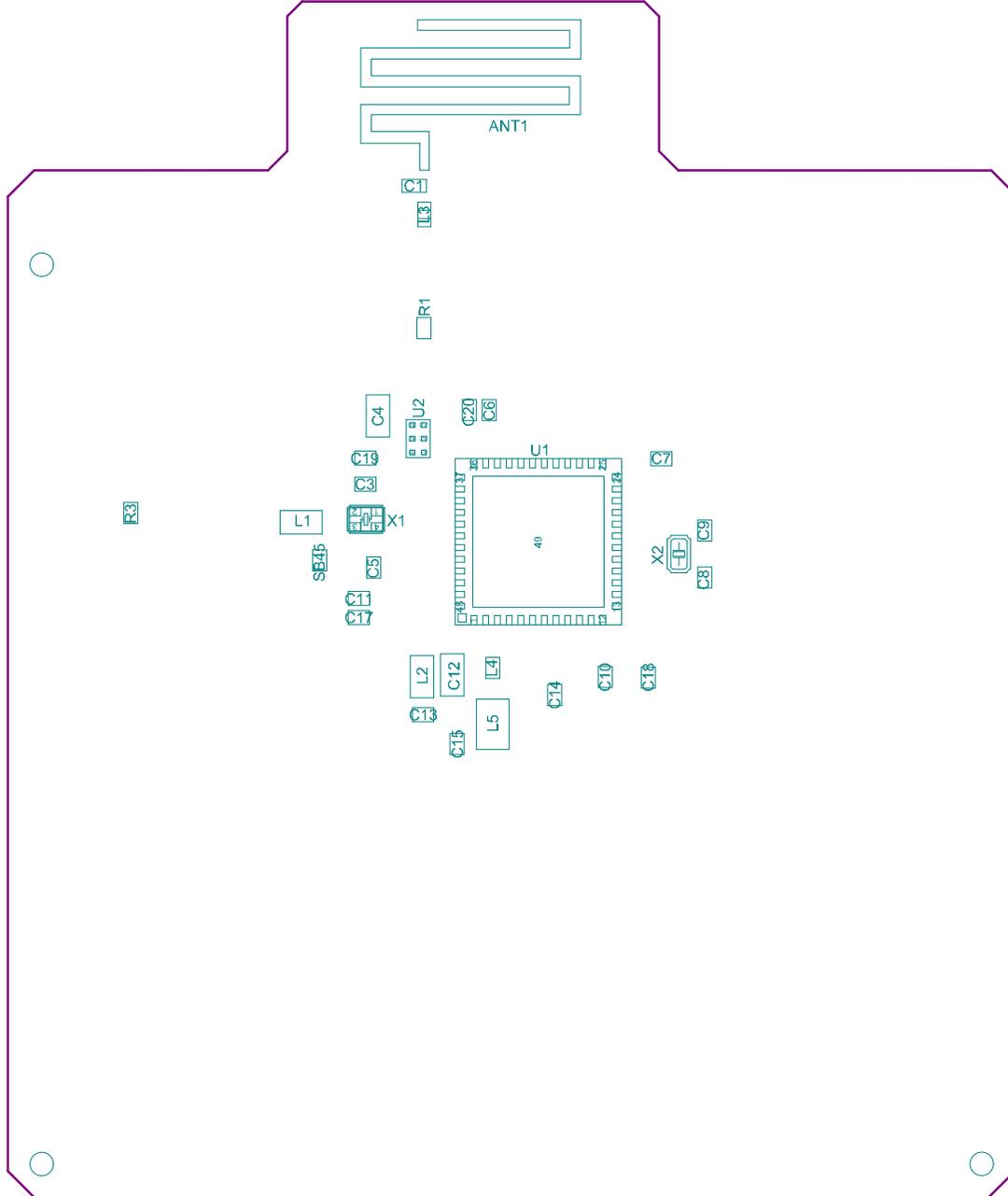


NOTE:
Each capacitor to be placed closed to the VDD pin.



QuadSPI NOR Flash memory





Project: MCU_RF_Board_WBA2_QFN48

Layer: M14-Top Assembly

Gerber: .GM14

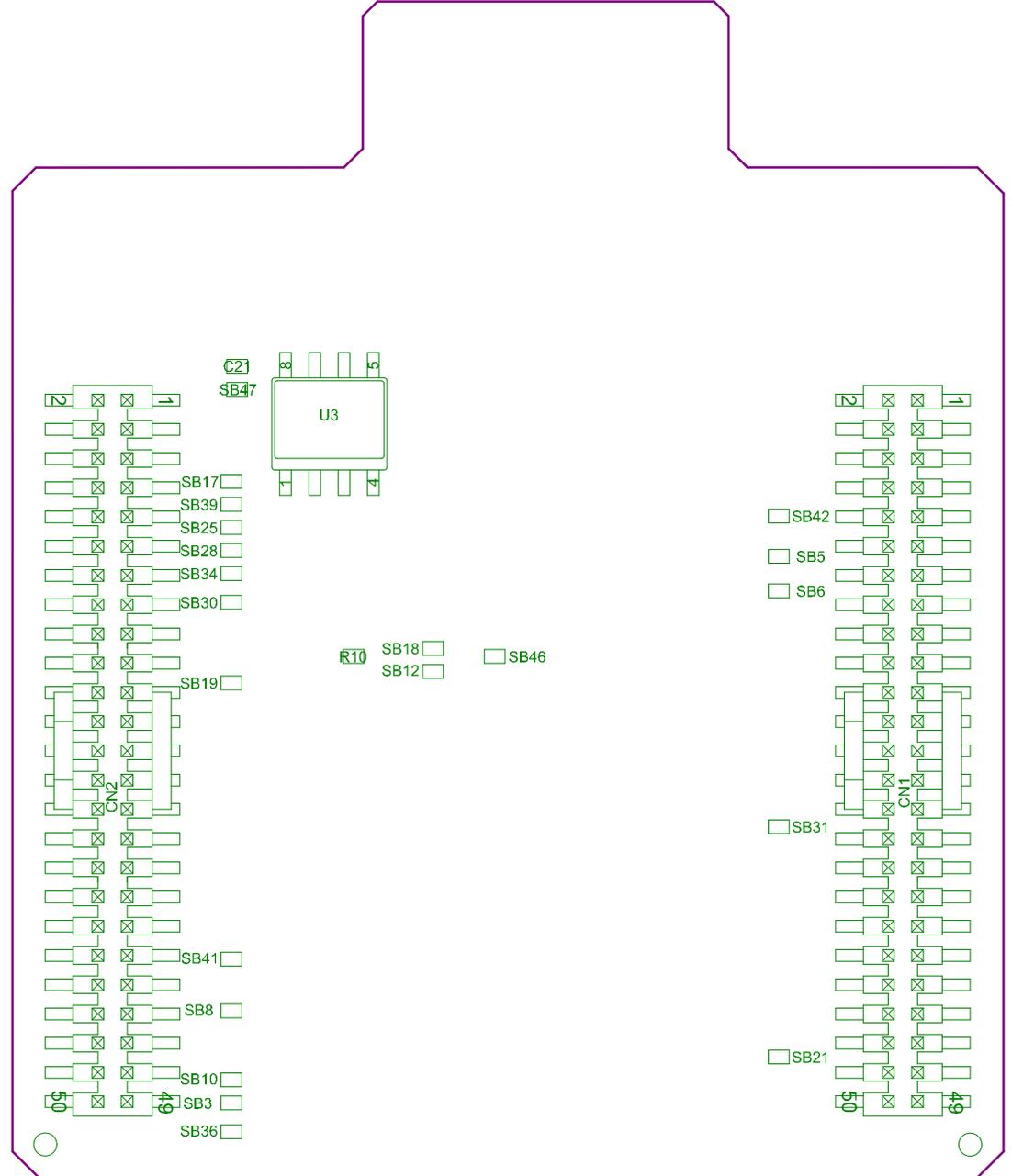
Variant: WBA2

Ref: MB2293

Date: 05 FEB 2026

Rev: B





Project: MCU_RF_Board_WBA2_QFN48	
Layer: M15-Bottom Assembly	Gerber: .GM15
Variant: WBA2	Ref: MB2293
Date: 05 FEB 2026	Rev: B



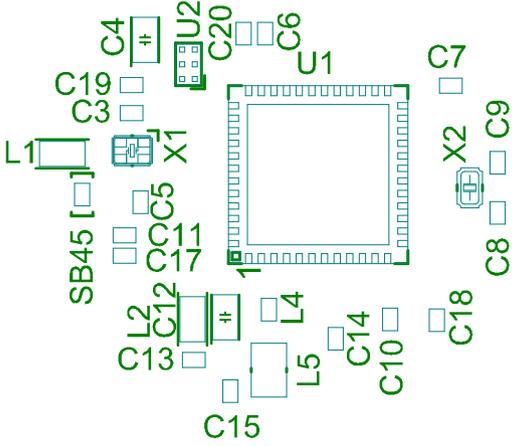
ANT1

C1
L3

R1



R3



Top Overlay

.GTO

