Reference design for STM32WB09TEF - IPD

MB2202

Table of contents

Sheet 1 : Overview (this page)
Sheet 2 : TOP - Hierarchical view
Sheet 3 : RF and MCU
Sheet 4 : Power Supply

Legend

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

Text to be added to silkscreen.

Warning text.

Notes to generate the board layout.

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

HW1: PCB — MB2202

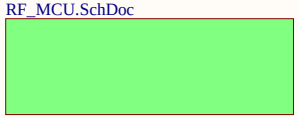
HW2: STICKER PRODUCT — N/A

HW3: ES — N/A

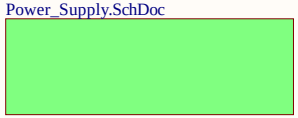
Title: **Overview**			
Project: **Reference design for STM32WB09TEF - IPD**			
Variant: WB09TF4LI			
Revision: B-01		Reference: MB2202	
Size: A4	Date: 09 Oct 2025	Sheet: 1 of 4	

life.augmented

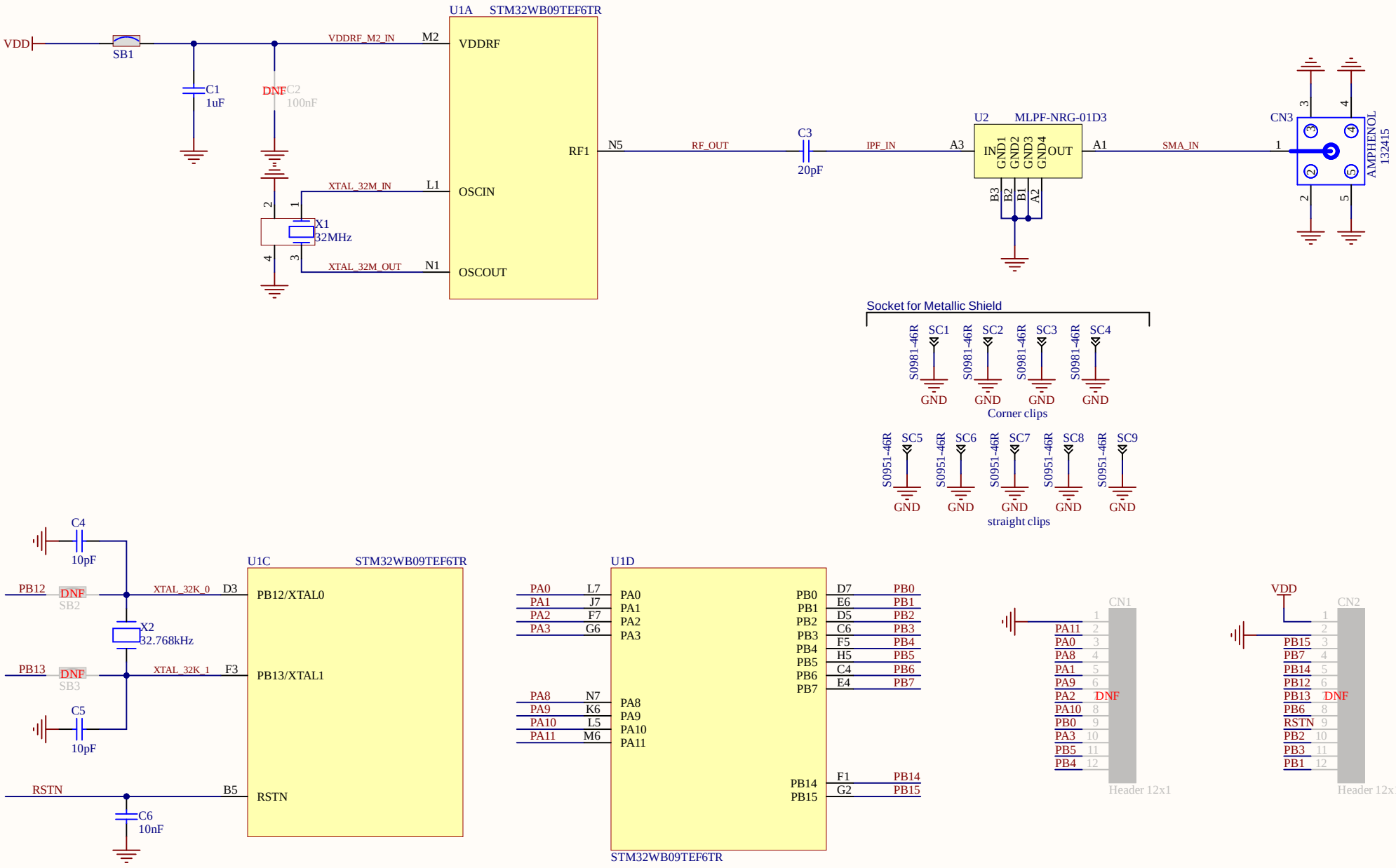
U_RF_MCU
RF_MCU.SchDoc



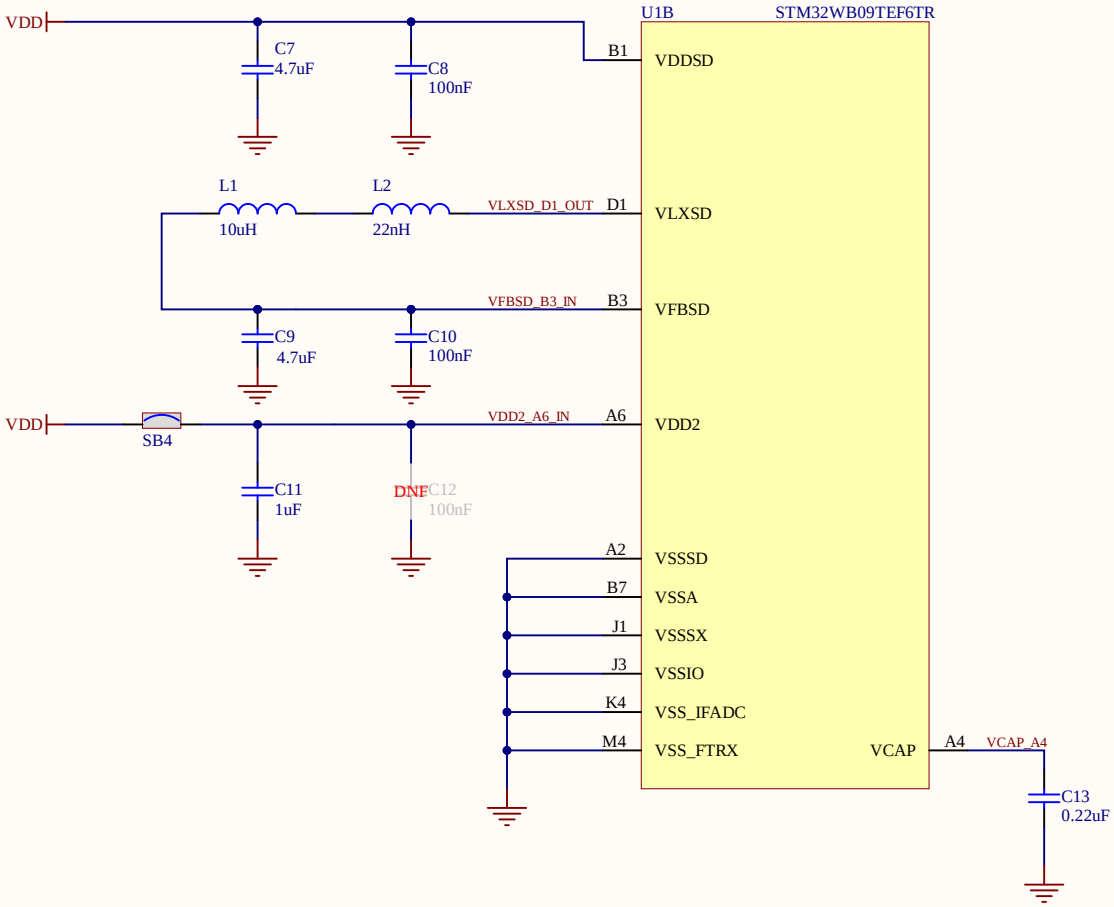
U_Power_Supply
Power_Supply.SchDoc



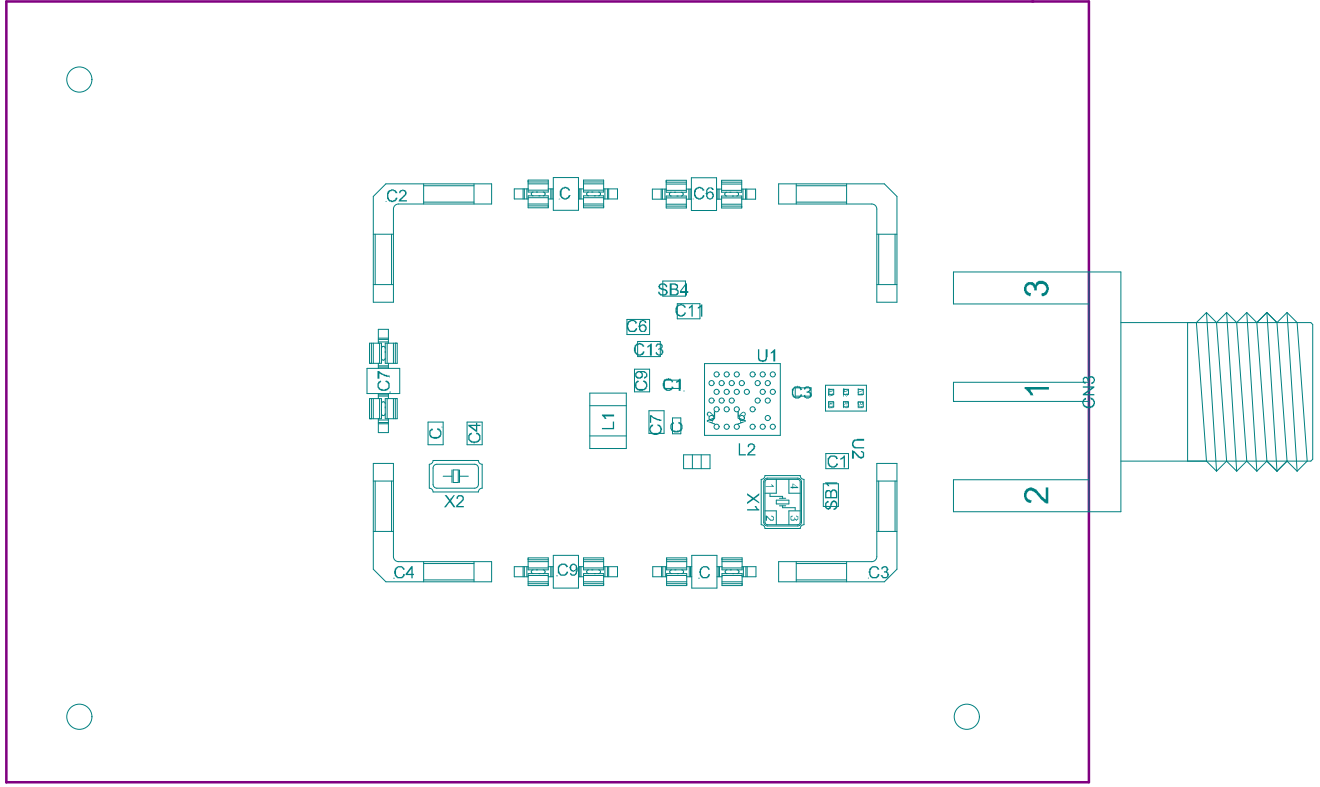
Title: **TOP - Hierarchical view**			
Project: **Reference design for STM32WB09TEF - IPD**			
Variant: WB09TF4LI			
Revision: B-01		Reference: MB2202	
Size: A4	Date: 09 Oct 2025	Sheet: 2 of 4	



Title: **RF and MCU**		
Project: **Reference design for STM32WB09TEF - IPD**		
Variant: WB09TF4LI		
Revision: B-01		Reference: MB2202
Size: A4	Date: 09 Oct 2025	Sheet: 3 of 4

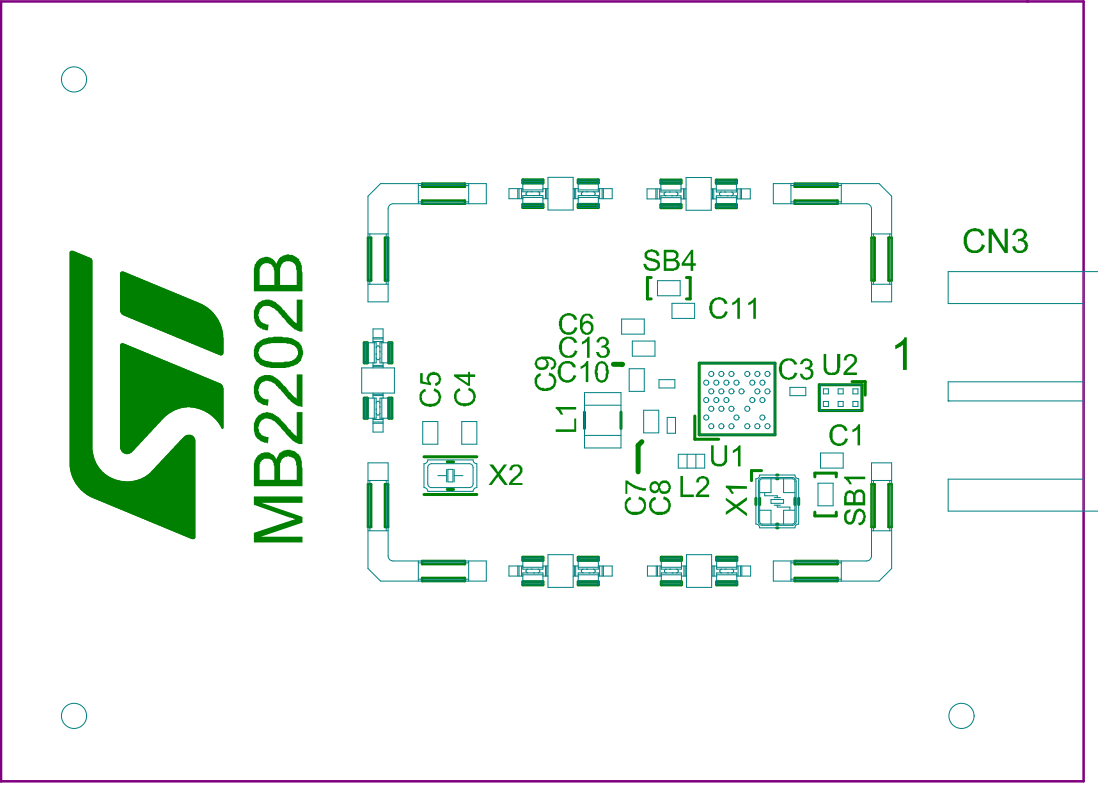


Title: **Power Supply**		
Project: **Reference design for STM32WB09TEF - IPD**		
Variant: WB09TF4LI		
Revision: B-01		Reference: MB2202
Size: A4	Date: 09 Oct 2025	Sheet: 4 of 4

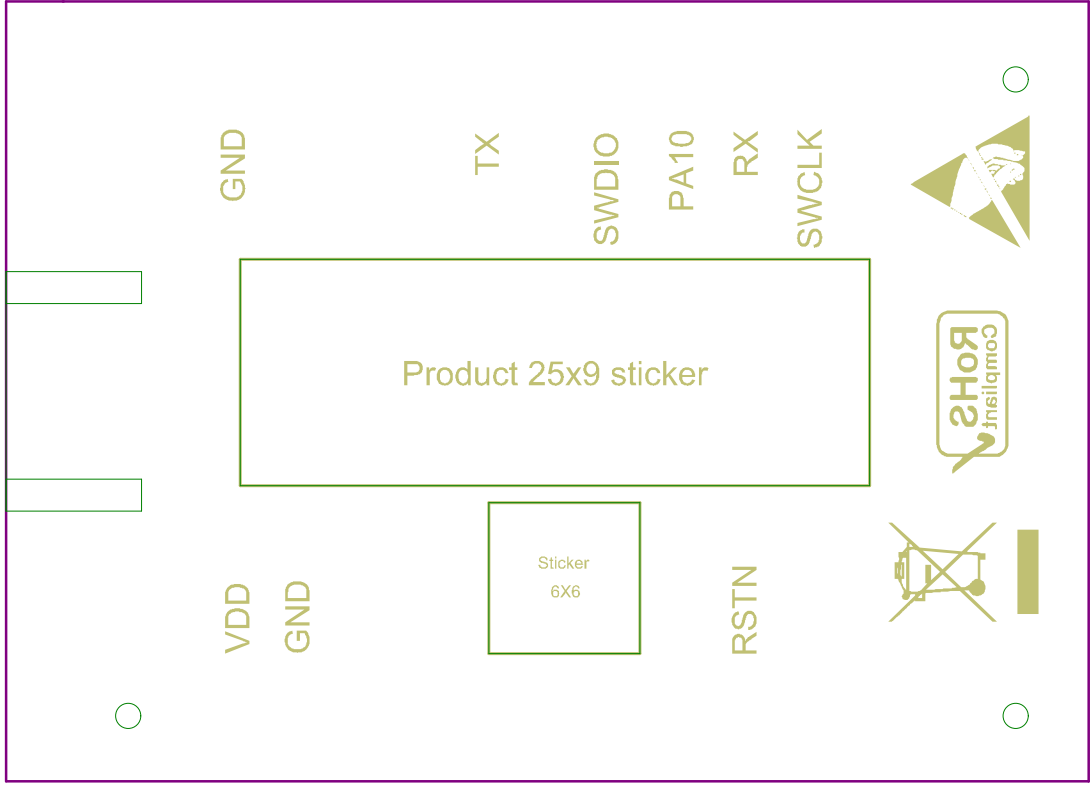


Project: Reference design for STM32WB09TEF -		PD
Layer: M14-Top Assembly	Gerber: .GM14	
Variant: WB09TF4LI	MB2202	
Date: 09 Oct 2025	Rev: B	

Project: Reference design for STM32WB09TEF - PD	
Layer: M15-Bottom Assembly	Gerber:.GM15
Variant: WB09TF4LI	MB2202
Date: 09 Oct 2025	Rev: B



Top Overlay Assembly .GTO



M15-Bottom Assembly .GM15

Bottom Overlay