

NUCLEO-WB15CC

MB1641

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Legend

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

Text to be added to silkscreen.

Warning text.

Notes to generate the board layout.

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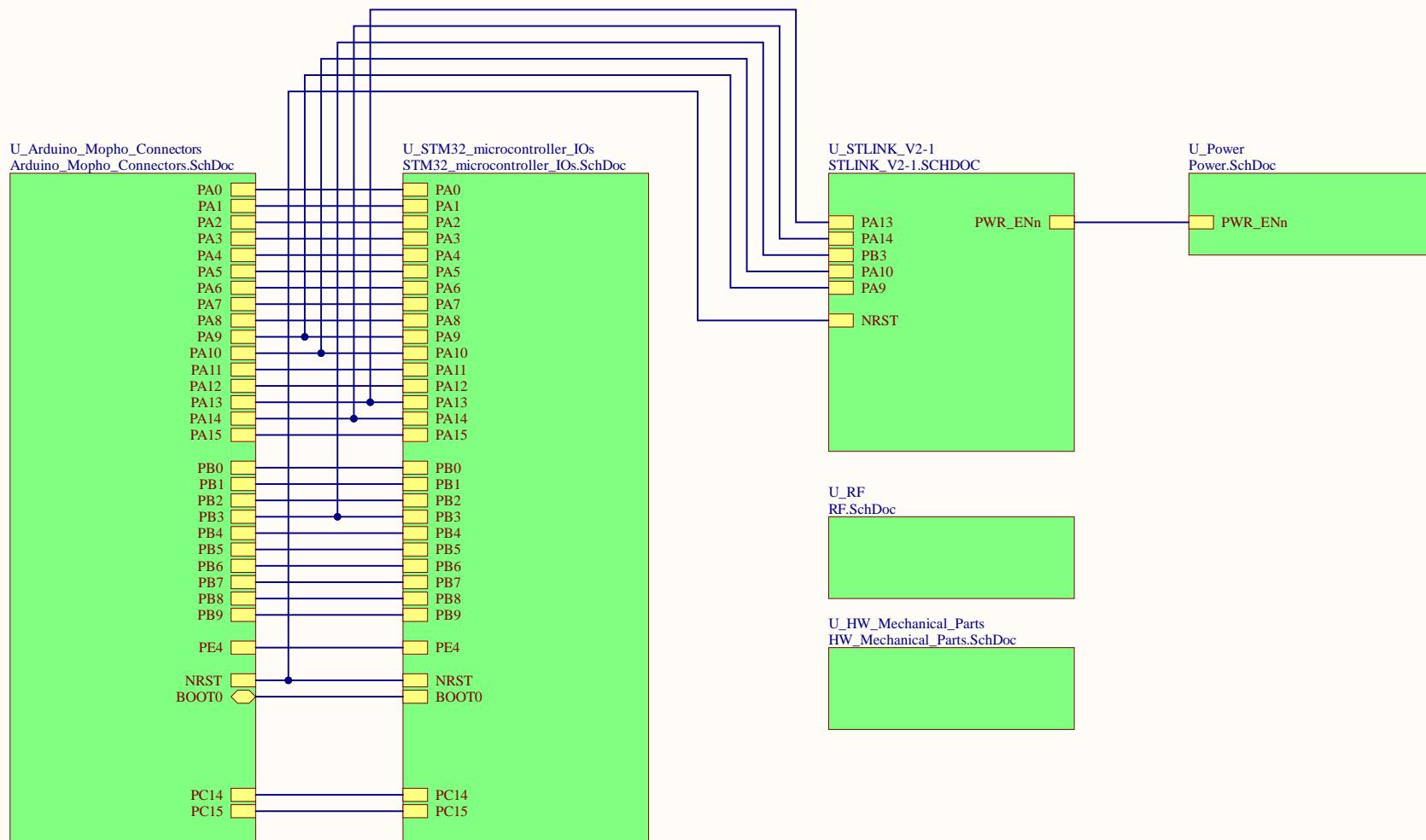
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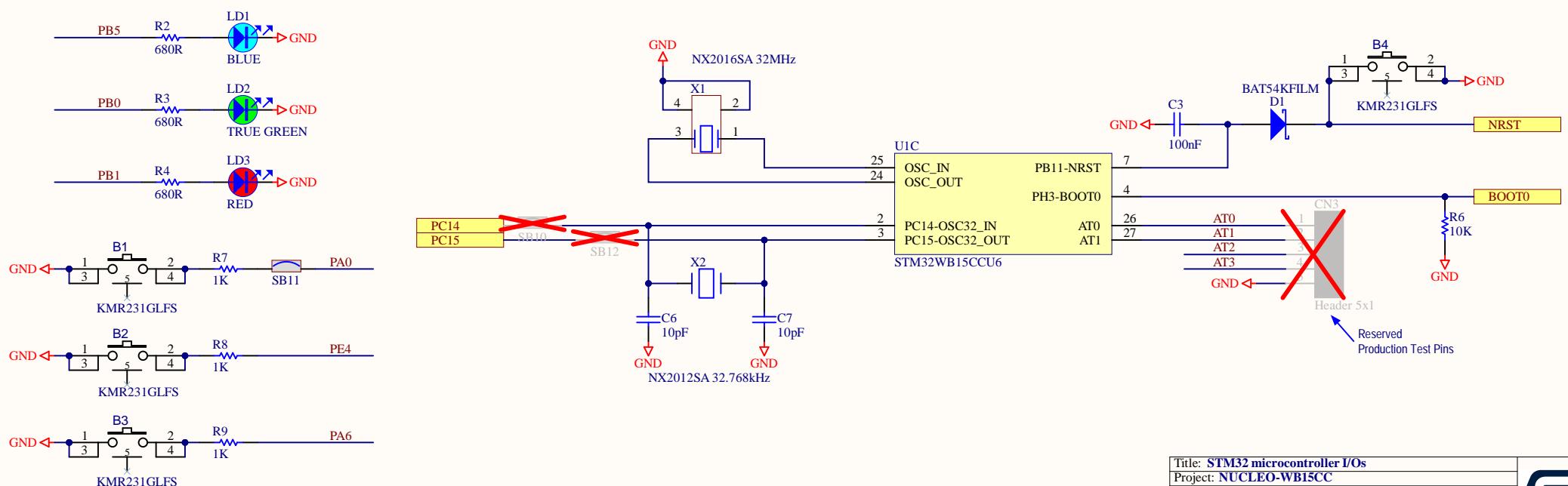
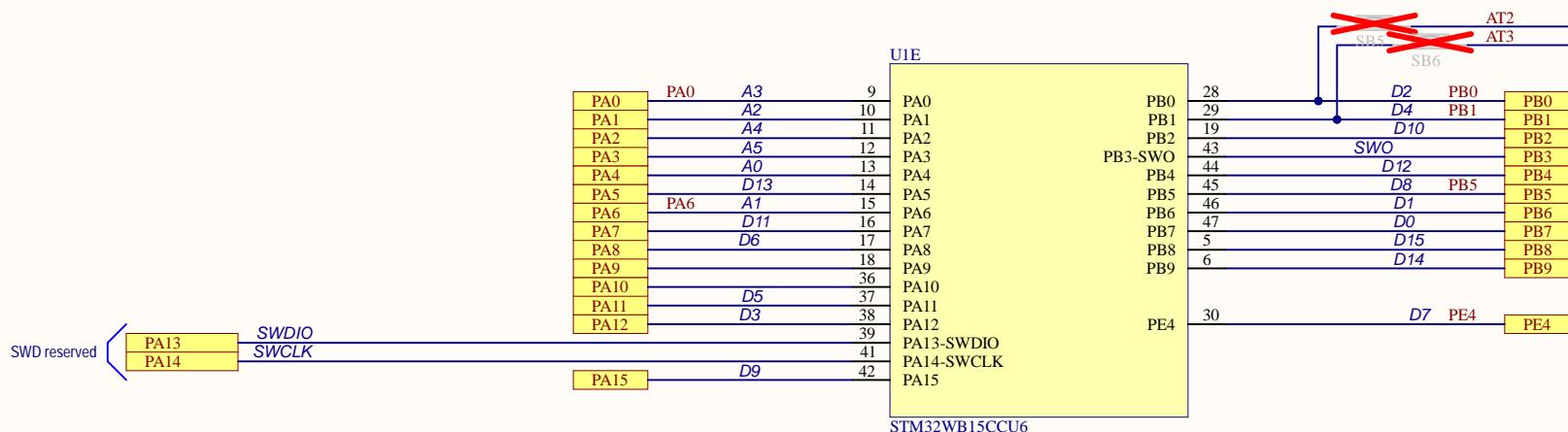
U_MB1641_TOP
MB1641_TOP.SchDoc



Title: Project overview	Project: NUCLEO-WB15CC	Variant: WB15CC
Revision: C-01	Reference: MB1641	
Size: A4	Date: 07-OCT-2020	Sheet: 1 of 8







Title: STM32 microcontroller I/Os

Project: NUCLEO-WB15CC

Variant: WB15CC

Revision: C-01

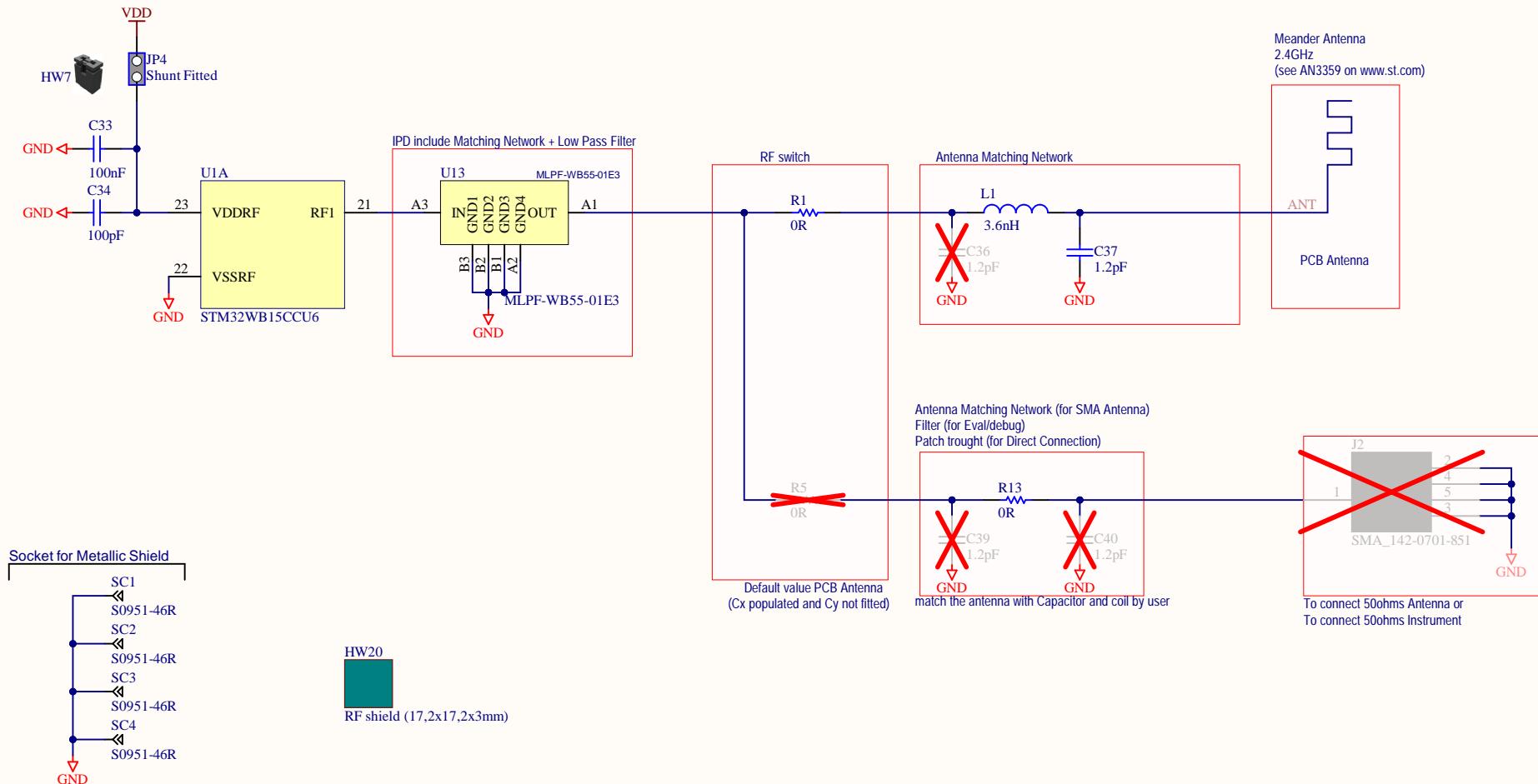
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Size: A4

Date: 07-OCT-2020

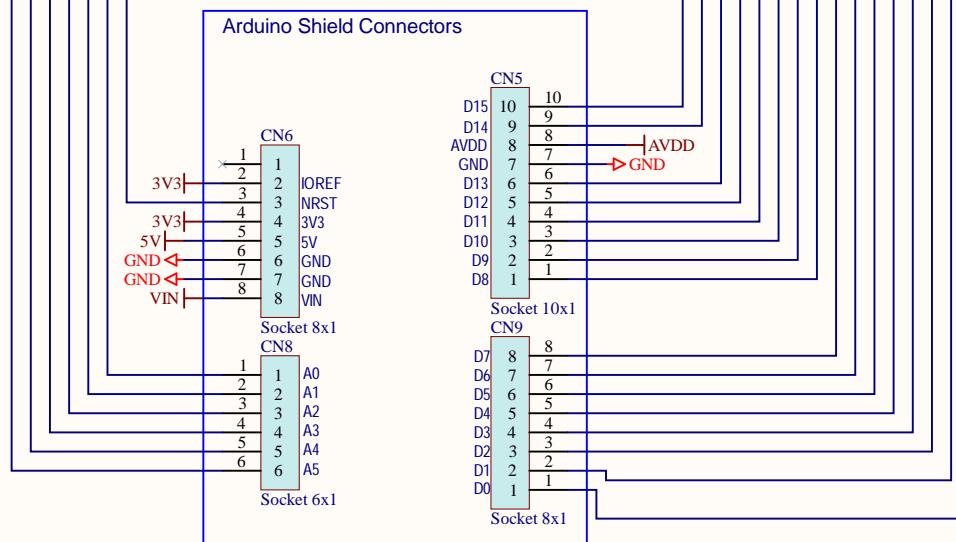
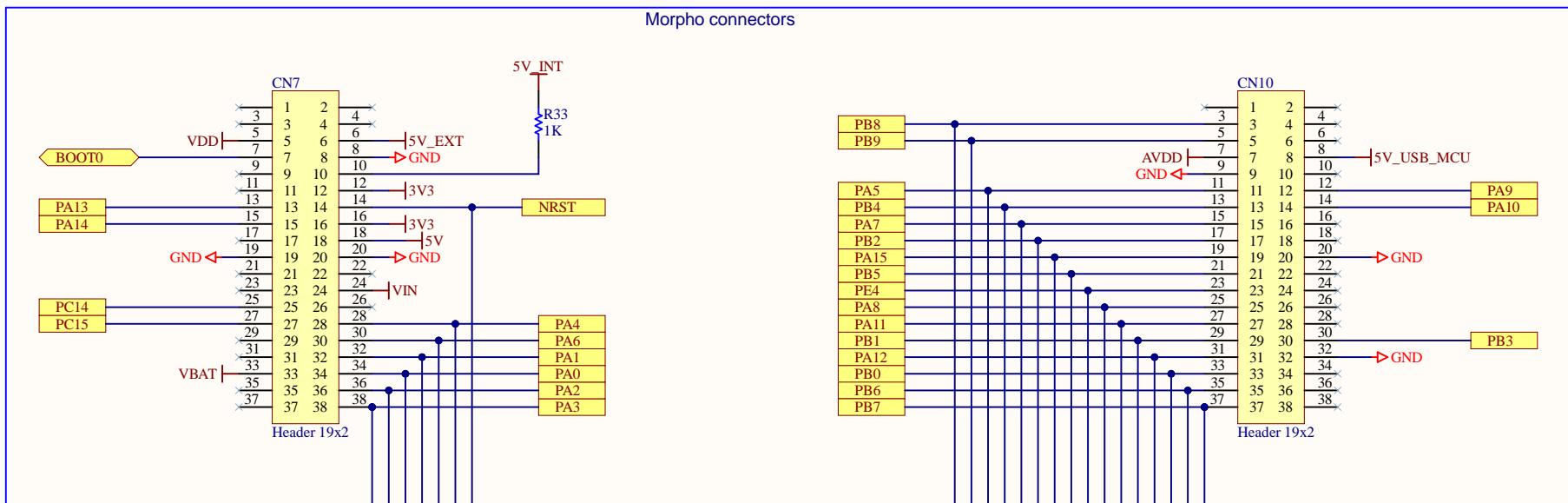
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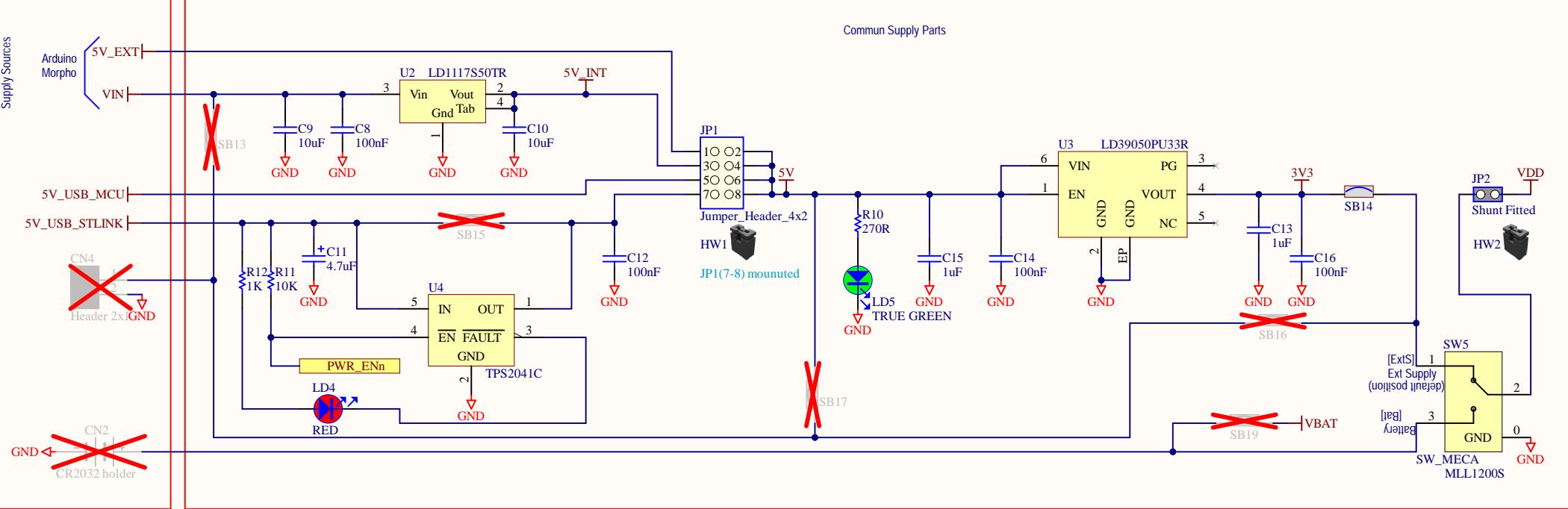


Title: RF part	
Project: NUCLEO-WB15CC	
Variant: WB15CC	
Revision: C-01	
Size: A4	Reference: MB164I
Date: 07-OCT-2020	Sheet: 4 of 8

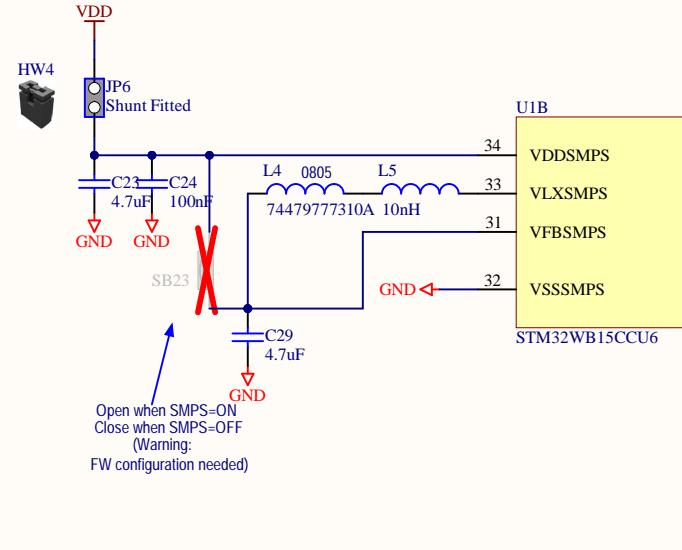




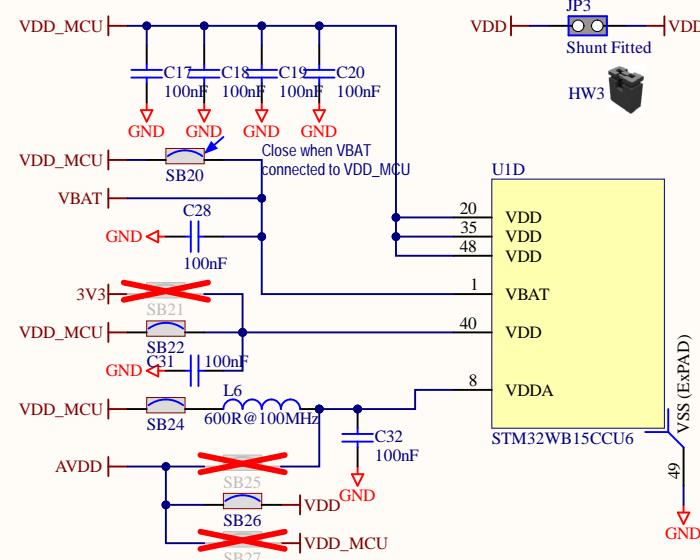
Supply Sources



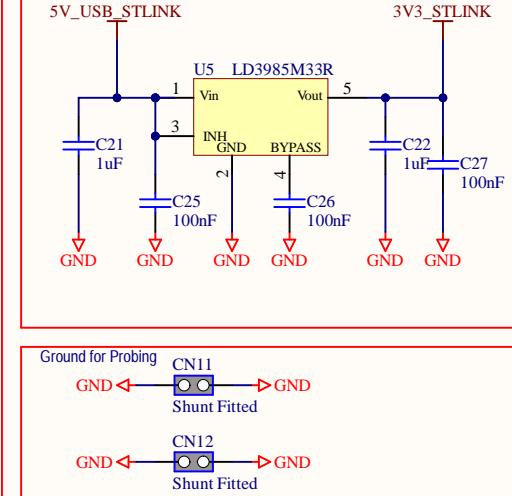
SMPS domain



MCU Supply domain



3V3 LDO dedicated to ST_Link



Title: Power management

Project: NUCLEO-WB15CC

Variant: WB15CC

Revision: C-01

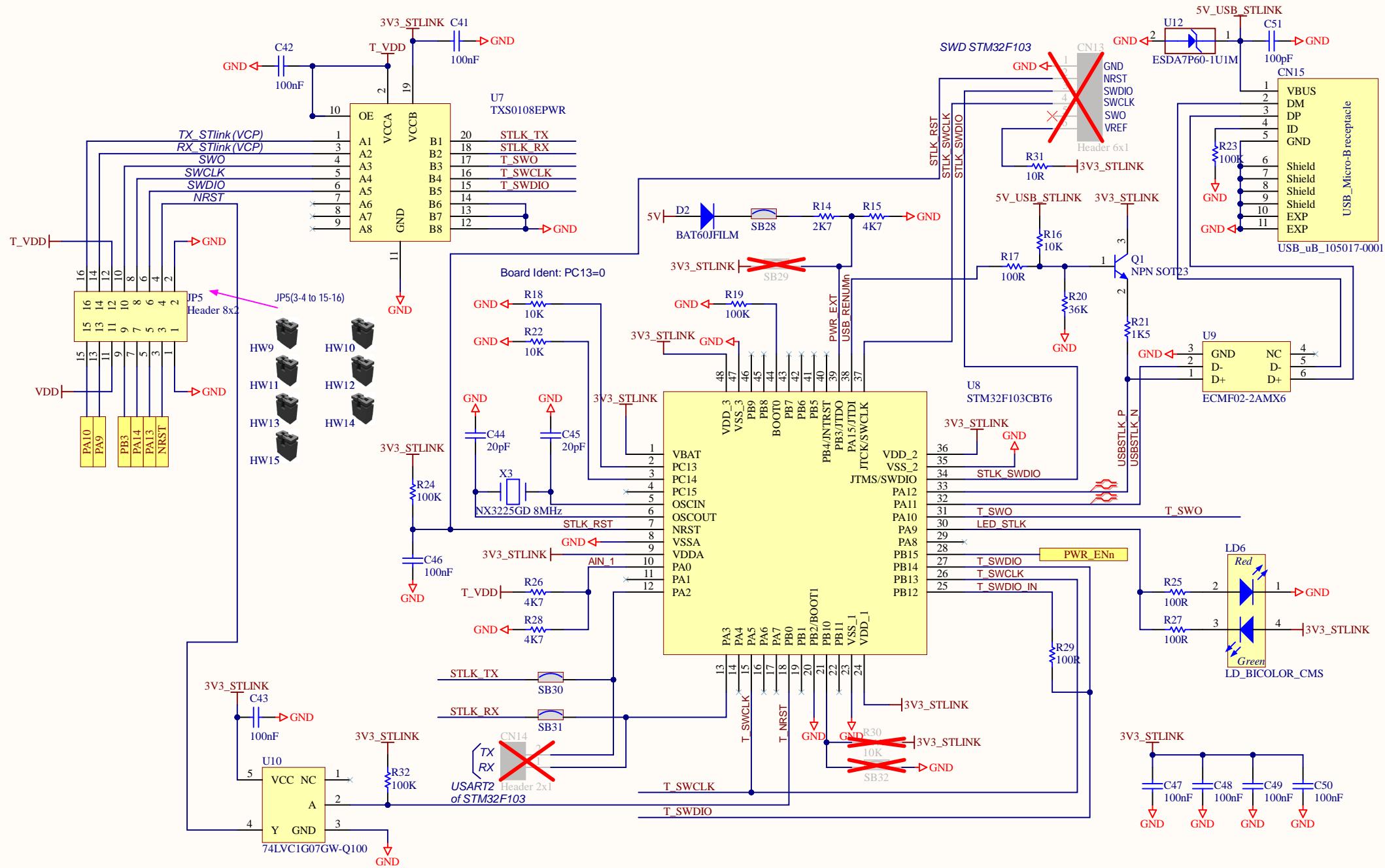
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Date: 07-OCT-2020

Reference: MB164I

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Title: STLink V2-1
Project: NUCLEO-WB15CC
Variant: WB15CC
Revision: C-01
Size: A4 Date: 07-OCT-2020 Reference: MB164I
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HW Mechanical parts

HW18

STICKER PRODUCT

Sticker product

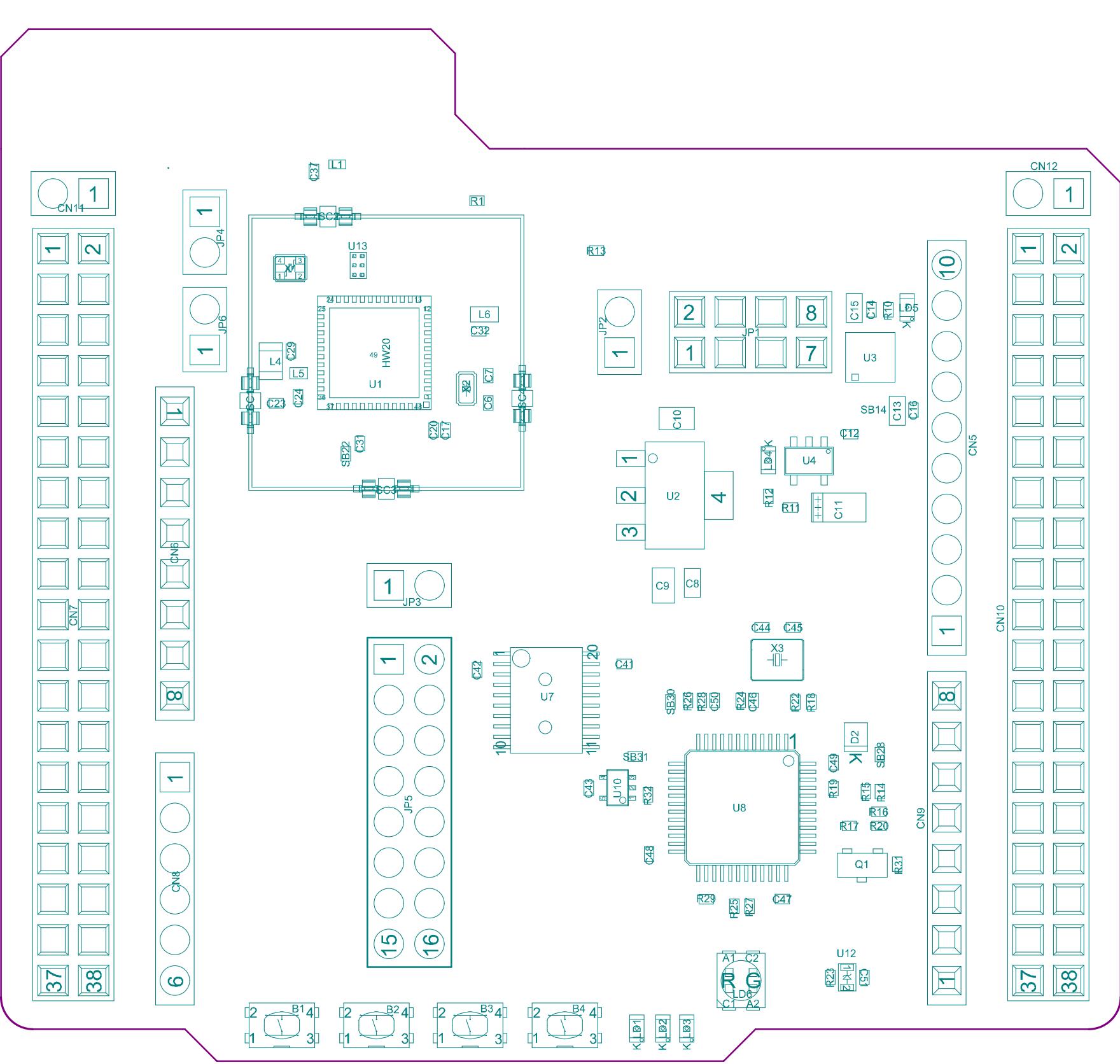
HW16

Sticker board

STICKER BOARD

Title:	Mechanical parts
Project:	NUCLEO-WB15CC
Variant:	WB15CC
Revision:	C-01
Size:	A4
Date:	07-OCT-2020
Reference:	MB164I
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HW18
Product 25x9 sticker

R33

C34

C33

C19

C18

R8

SB20

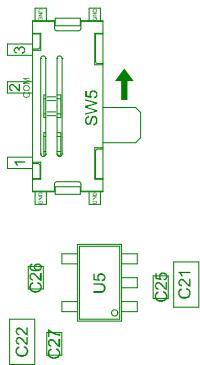
C28

SB24

SB26

D1

C3



HW16
Board 25x9 sticker

R7 SB11

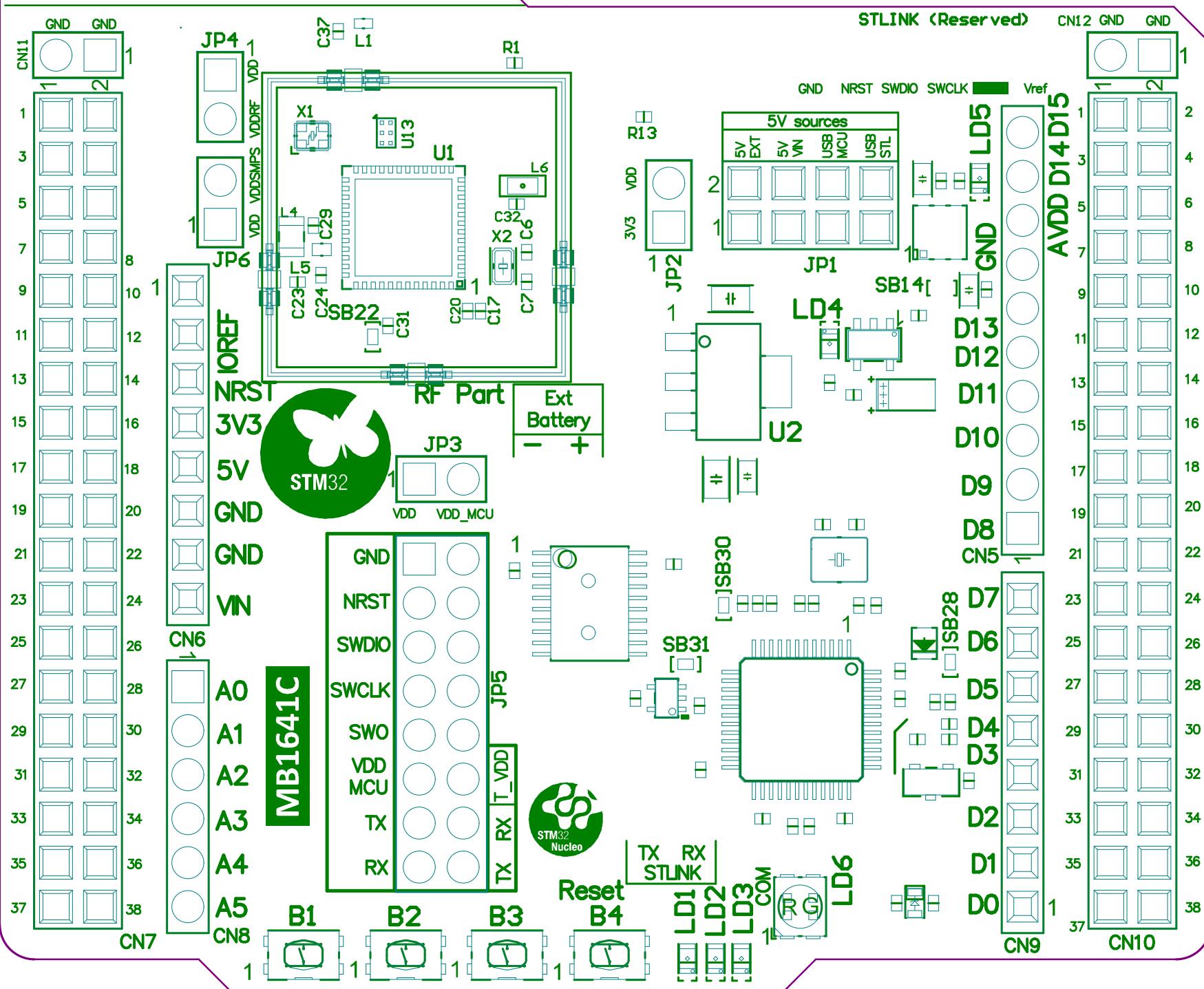
R8

R9

R4 R3 R2

U9
R2

1 5
CN15



TOP SILKSCREEN

Product 25x9 sticker

H18

Audio Test Pin (Reserved)

GND AT3 AT2 AT1 AT0

C18



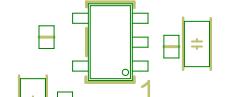
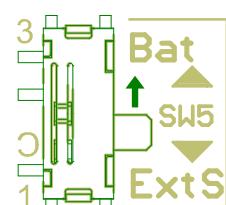
RoHS Compliant

Board 25x9 sticker

H16

SB11

CR2032



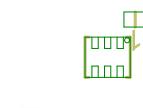
SB24
SB26
SB20
SB28



SB



STM32 Nucleo



STM32 Nucleo

GND GND

2 1
4 3
6 5
8 7
10 9
12 11
14 13
16 15
18 17
20 19
22 21
24 23
26 25
28 27
30 29
32 31
34 33
36 35
38 37

1 3 5 7 9 11 13 15 17 19 21 23 25 27 29 31 33 35 37

BOTTOM SILKSCREEN