

NUCLEO-WB55RG

MB1355

Table of contents

- Sheet 1: Project overview (this page)
- Sheet 2: STM32WB55RG microcontroller I/Os
- Sheet 3: STM32WB55RG RF part
- Sheet 4: Arduino/Morphos extension connectors
- Sheet 5: Power Management
- Sheet 6: ST-Link/V2-1

Legend

This Board is a NUCLEO68. It is dedicated of STM32WB55RG evaluation.
The package embedded is : VQFPN68_8mmx8mmx0.1mm.

Manufacturing requirements :

Solder_Mask : Both Sides, Color : white
Silkscreen : Both Sides, Color : light blue or blue
PCB : 4 Layers (see Stack-up File)

Text/Logo to be added to silkscreen.

Top

Bottom

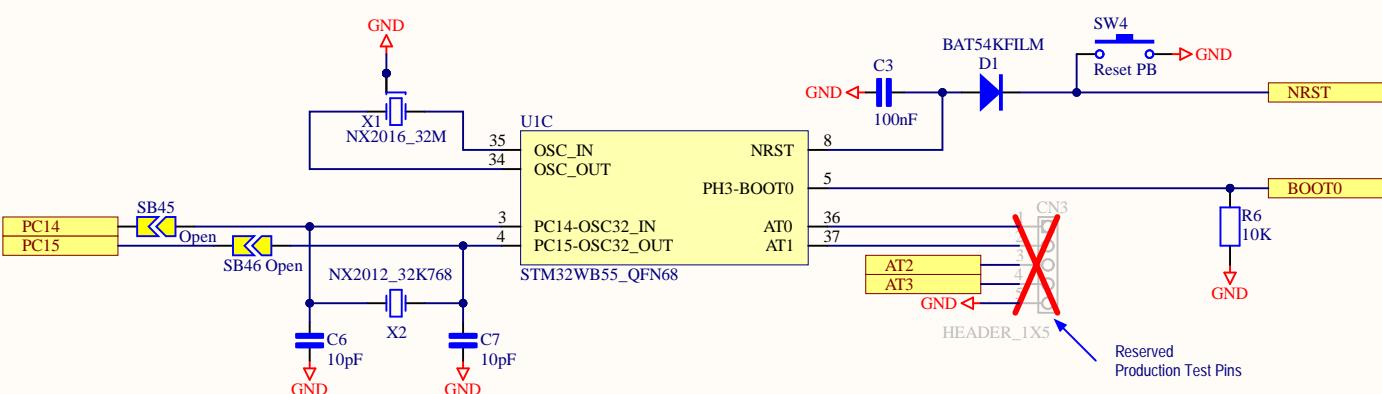
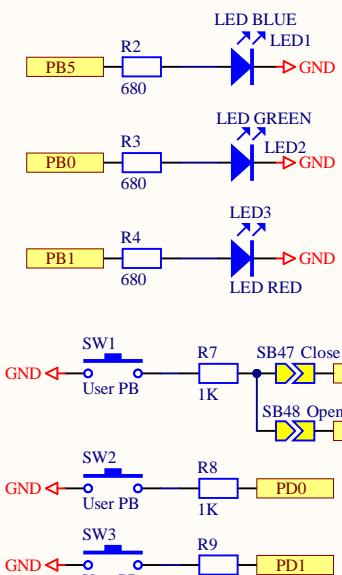
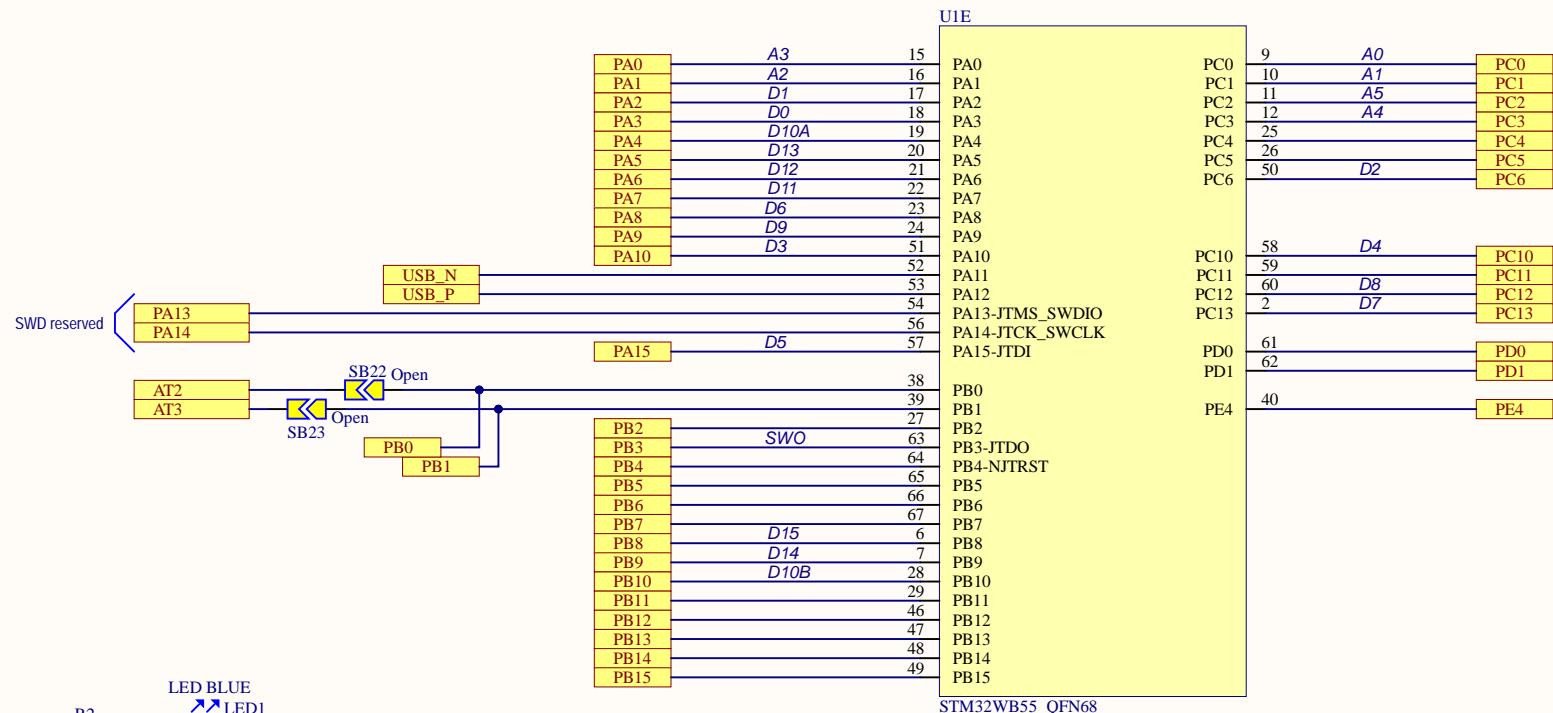
Open Platform License Agreement

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.

Title: Project overview	Project: NUCLEO-WB55RG	 life.augmented
Variant: WB55RG	Revision: D-01	
Size: A4	Date: 22-June-2020	
Reference: MB1355	Sheet: 1 of 6	



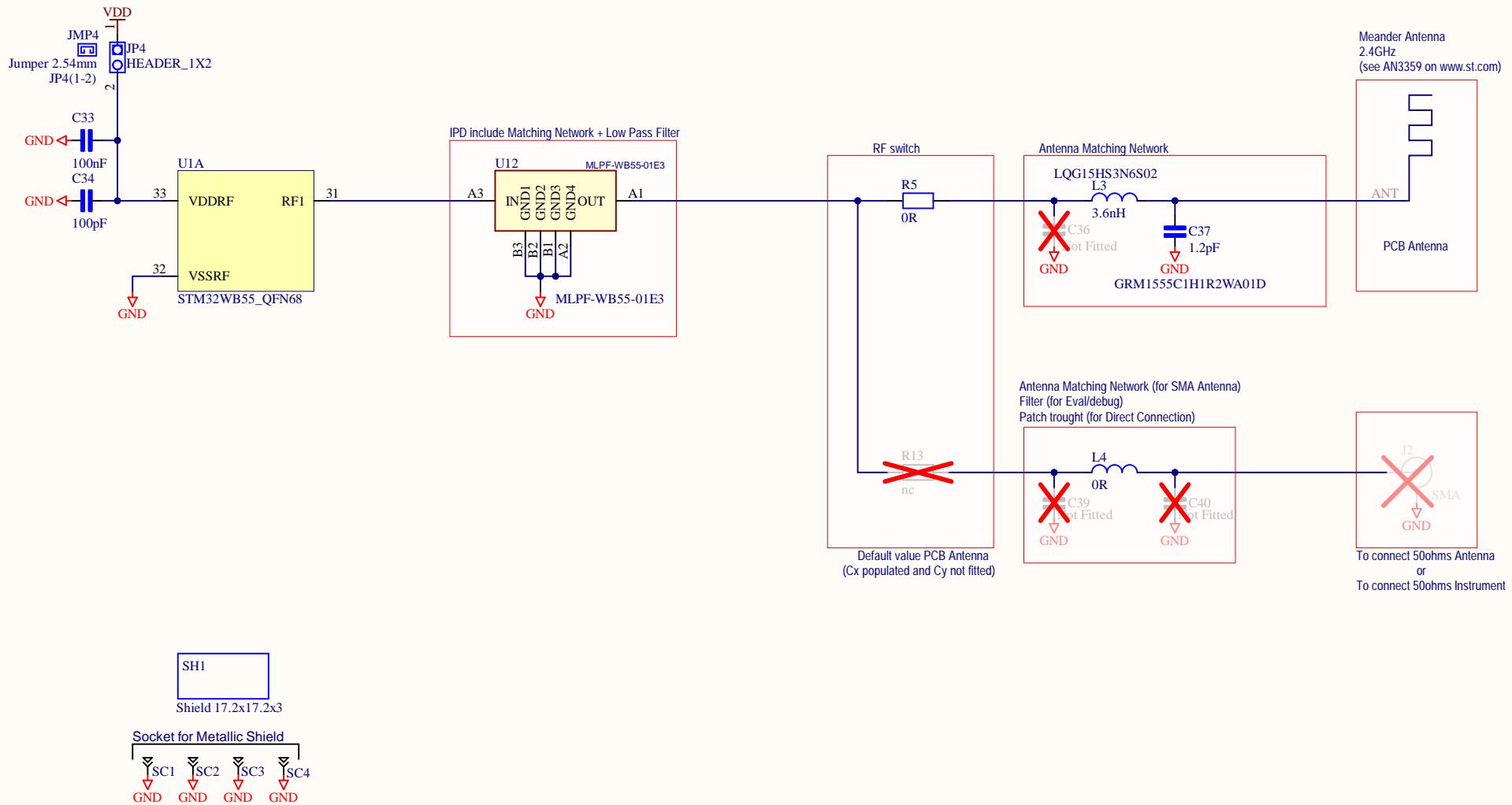
Title: STM32WB55RG microcontroller I/Os

Project: NUCLEO-WB55RG

Variant: WB55RG

Revision: D-01 Date: 22-June-2020 Reference: MB1355

Size: A4 Date: 22-June-2020 Sheet: 2 of 6



Title: STM32WB55RG RF part

Project: NUCLEO-WB55RG

Variant: WB55RG

Revision: D-01

Reference: MB1355

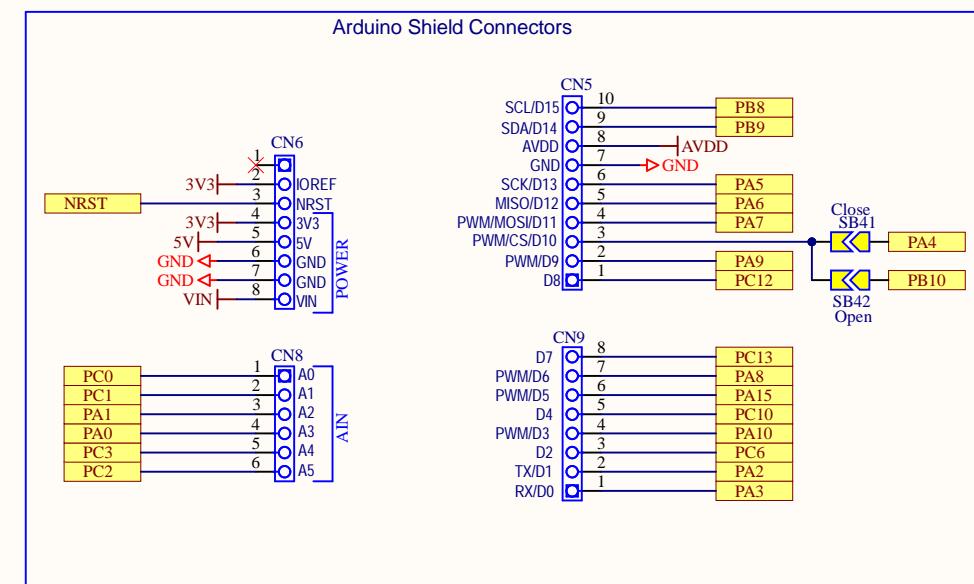
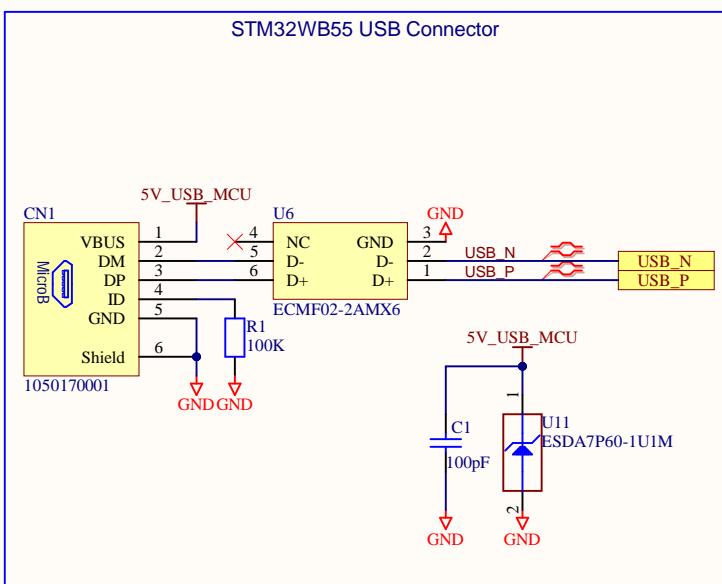
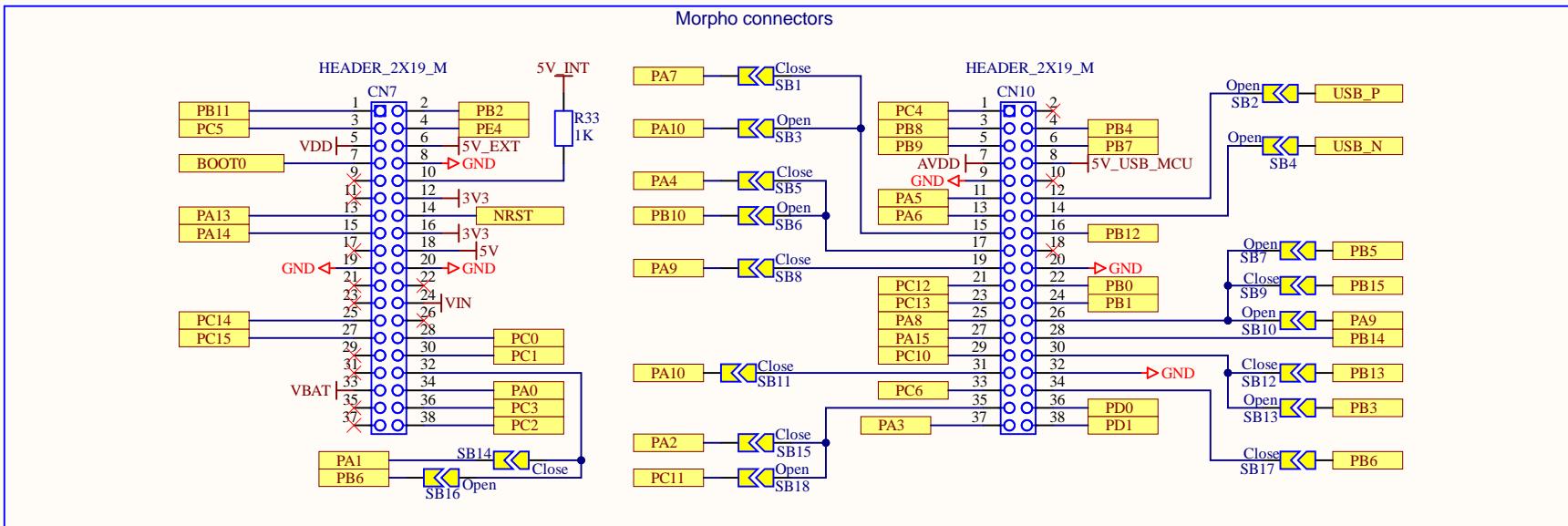
Size: A4

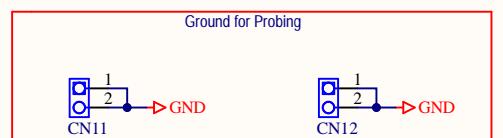
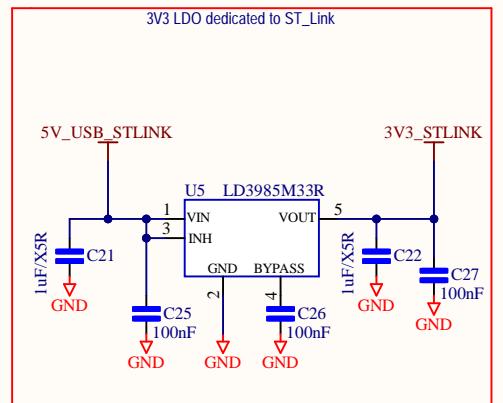
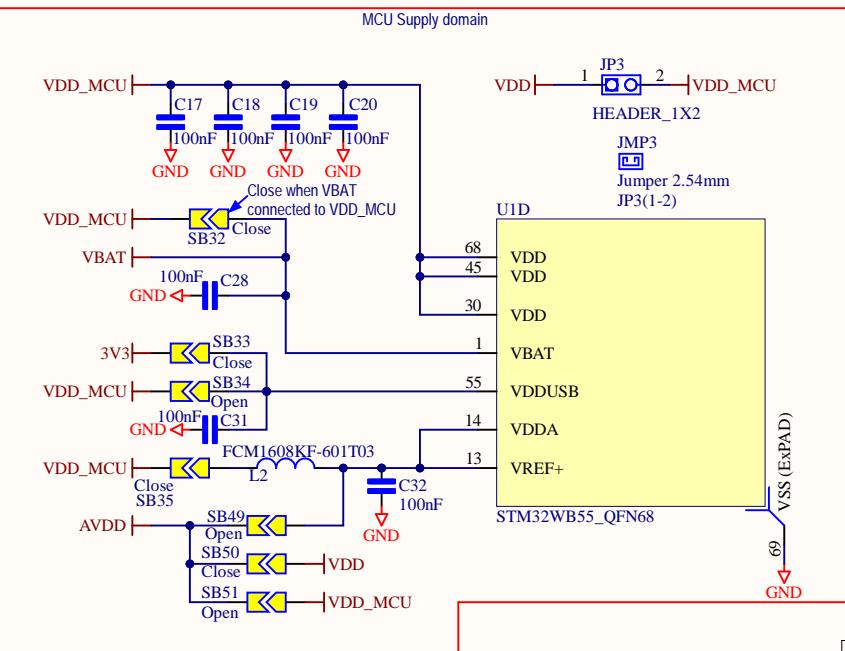
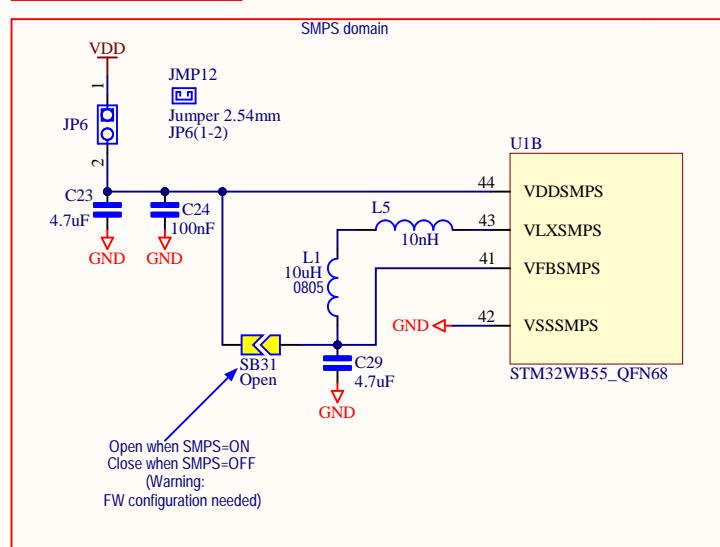
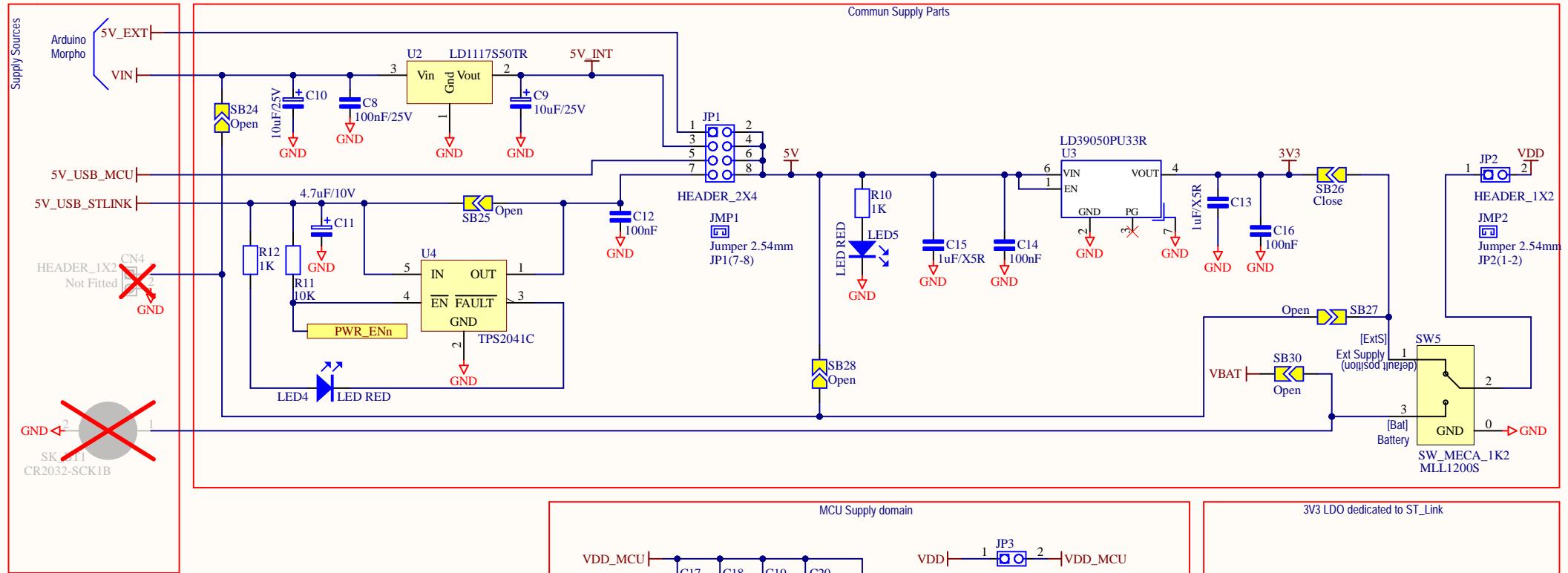
Date: 22-June-2020

Sheet: 3 of 6



life.augmented





Title: Power Management	
Project:	NUCLEO-WB55RG
Variant:	WB55RG
Revision:	D-01
Size: A4	Date: 22-June-2020
Reference: MB1355	
Sheet: 5 of 6	

