

PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.		MDG/20/11785
1.3 Title of PCN		STM32WB 1M Firmware Upgrade Service - new version for listed products
1.4 Product Category		STM32WB55x family
1.5 Issue date		2020-04-29

2. PCN Team

2.1 Contact supplier	
2.1.1 Name	ROBERTSON HEATHER
2.1.2 Phone	+1 8475853058
2.1.3 Email	heather.robertson@st.com
2.2 Change responsibility	
2.2.1 Product Manager	Ricardo Antonio DE SA EARP
2.2.2 Marketing Manager	Veronique BARLATIER
2.2.3 Quality Manager	Pascal NARCHE

3. Change

3.1 Category	3.2 Type of change	3.3 Manufacturing Location
General Product & Design	Firmware modification : firmware is programmed in the memory without effect of electrical performance at the customer (bug fix)	TSMC Fab14 (Taiwan)

4. Description of change

	Old	New
4.1 Description	STM32WB 1M Firmware Upgrade Service Current FUS Version: - V1.0.2 for WLCSP100 packages - V0.5.3 for QFN48 and QFN68 packages - V1.1.0 for BGA packages for details refer to AN5185 - Rev 3 - July 2019	STM32WB 1M Firmware Upgrade Service FUS version V1.1.1 New Feature implemented: - AntiRollback - Safeboot Factory reset - ECC management. All details are listed in Application Note AN5185 - Revision 4 - March 2020
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	No change	

5. Reason / motivation for change

5.1 Motivation	To add requested features to the FUS (Firmware Upgrade Service): - AntiRollback - Safeboot factory reset - ECC management
5.2 Customer Benefit	SERVICE IMPROVEMENT

6. Marking of parts / traceability of change

6.1 Description	Traceability of the change is ensured by ST internal tools.
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7. Timing / schedule

7.1 Date of qualification results	2020-04-20
7.2 Intended start of delivery	2020-06-26
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description			
8.2 Qualification report and qualification results	In progress	Issue Date	

9. Attachments (additional documentations)

11785 Public product.pdf

10. Affected parts

10.1 Current		10.2 New (if applicable)
10.1.1 Customer Part No	10.1.2 Supplier Part No	10.1.2 Supplier Part No
	STM32WB50CGU5	
	STM32WB55CCU6	
	STM32WB55CEU6	
	STM32WB55CGU6	
	STM32WB55RCV6	
	STM32WB55REV6	
	STM32WB55RGV6	
	STM32WB55VGY6TR	

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Public Products List

Public Products are off the shelf products. They are not dedicated to specific customers, they are available through ST Sales team, or Distributors, and visible on ST.com

PCN Title : STM32WB 1M Firmware Upgrade Service - new version for listed products

PCN Reference : MDG/20/11785

Subject : Public Products List

Dear Customer,

Please find below the Standard Public Products List impacted by the change.

STM32WB55VGY6TR	STM32WB50CGU5	STM32WB55CEU6
STM32WB55RCV7	STM32WB55VQG7	STM32WB55REV6
STM32WB55CGU6TR	STM32WB55VGY7TR	STM32WB55RGV7TR
STM32WB55VYY6TR	STM32WB55CEU6TR	STM32WB55RGV7
STM32WB55CCU7	STM32WB55VQG6	STM32WB55CCU6
STM32WB55CGU7	STM32WB55CEU7	STM32WB55CGU6
STM32WB55VEY6TR	STM32WB55RGV6TR	STM32WB55VCY6TR
STM32WB55VEY7TR	STM32WB55VCY7TR	STM32WB55RCV6
STM32WB55REV7	STM32WB55CCU6TR	STM32WB55RGV6



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