


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	FRANCKE CHRISTIANE
2.1.2 Phone	+49 89460062128
2.1.3 Email	christiane.francke@st.com
2.2 Change responsibility	
2.2.1 Product Manager	Ricardo Antonio DE SA EARP
2.1.2 Marketing Manager	Veronique BARLATIER
2.1.3 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 programed 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			
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8.1 Description			
8.2 Qualification report and qualification results	In progress	Issue Date	

9. Attachments (additional documentations)			
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11785 Public product.pdf			
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10. Affected parts		
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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
3294310	STM32WB50CGU5	
3051892	STM32WB55CCU6	
3011637	STM32WB55CEU6	
3051893	STM32WB55CGU6	
3051895	STM32WB55RCV6	
3051896	STM32WB55REV6	
3051897	STM32WB55RGV6	

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