

PRODUCT / PROCESS CHANGE INFORMATION

1. PCI basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCI No.	MDG/21/13009	
1.3 Title of PCI	STM32U575/585 UFBGA 7x7 132L (without SMPS) - RSS update	
1.4 Product Category	STM32U575QIIX STM32U585QIIX (ie: UFBGA132 package without SMPS).	
1.5 Issue date	2021-10-08	

2. PCI Team

2.1 Contact supplier	
2.1.1 Name	KRAUSE INA
2.1.2 Phone	+49 89460062370
2.1.3 Email	ina.krause@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)	ASE Kaohsiung (Taiwan)

4. Description of change

	Old	New
4.1 Description	RSS V1.3.0 When TrustZone® is enabled and boot from RSS is selected (BOOT0 = 1) in order to use the bootloader, the ST embedded bootloader is blocked, making all bootloader interfaces unusable (USB-DFU, USART, SPI, I2C and FDCAN). Consequently, SFI (secure firmware install) using bootloader communication interfaces does not work, and the option bytes cannot be changed using the bootloader interface. SFI and option bytes change using JTAG/SWD interface remains functional.	RSS V1.4.0 Limitation is fixed Errata Sheet ES0499 - Rev 1 - September 2021
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	no impact	

5. Reason / motivation for change

5.1 Motivation	For some customers BootLoader is not functional if TrustZone® enabled & boot from system flash.
5.2 Customer Benefit	QUALITY IMPROVEMENT

6. Marking of parts / traceability of change

6.1 Description	traceability ensured by ST internal tools
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7. Timing / schedule

7.1 Date of qualification results	2021-09-20
7.2 Intended start of delivery	2021-11-03
7.3 Qualification sample available?	Not Applicable

8. Qualification / Validation			
8.1 Description			
8.2 Qualification report and qualification results	In progress	Issue Date	

9. Attachments (additional documentations)
13009 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
	STM32U585QII3	

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