


**PRODUCT / PROCESS CHANGE INFORMATION**

**1. PCI basic data**

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

**2. PCI Team**

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

**3. Change**

<b>3.1 Category</b>	<b>3.2 Type of change</b>	<b>3.3 Manufacturing Location</b>
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
<b>4.1 Description</b>	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
<b>4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?</b>	no impact	

**5. Reason / motivation for change**

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

**6. Marking of parts / traceability of change**

<b>6.1 Description</b>	traceability ensured by ST internal tools
------------------------	-------------------------------------------

**7. Timing / schedule**

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

<b>8. Qualification / Validation</b>			
--------------------------------------	--	--	--

<b>8.1 Description</b>			
<b>8.2 Qualification report and qualification results</b>	In progress	<b>Issue Date</b>	

<b>9. Attachments (additional documentations)</b>			
---------------------------------------------------	--	--	--

13009 Public product.pdf			
--------------------------	--	--	--

<b>10. Affected parts</b>			
---------------------------	--	--	--

<b>10. 1 Current</b>		<b>10.2 New (if applicable)</b>
<b>10.1.1 Customer Part No</b>	<b>10.1.2 Supplier Part No</b>	<b>10.1.2 Supplier Part No</b>
	STM32U585QII3	



## 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

**PCI Title** : STM32U575/585 UFBGA 7x7 132L (without SMPS) - RSS update

**PCI Reference** : MDG/21/13009

**Subject** : Public Products List

Dear Customer,

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

STM32U575QII6	STM32U585QII6	STM32U585QII3
STM32U585QII3TR		



### IMPORTANT NOTICE – PLEASE READ CAREFULLY

Subject to any contractual arrangement in force with you or to any industry standard implemented by us, STMicroelectronics NV and its subsidiaries (“ST”) reserve the right to make changes, corrections, enhancements, modifications, and improvements to ST products and/or to this document at any time without notice. Purchasers should obtain the latest relevant information on ST products before placing orders. ST products are sold pursuant to ST’s terms and conditions of sale in place at the time of order acknowledgement.

Purchasers are solely responsible for the choice, selection, and use of ST products and ST assumes no liability for application assistance or the design of Purchasers’ products.

No license, express or implied, to any intellectual property right is granted by ST herein.

Resale of ST products with provisions different from the information set forth herein shall void any warranty granted by ST for such product.

ST and the ST logo are trademarks of ST. All other product or service names are the property of their respective owners.

Information in this document supersedes and replaces information previously supplied in any prior versions of this document.