PRODUCT / PROCESS CHANGE INFORMATION

1. PCI basic data

1.1 Company	**STMicroelectronics International N.V**
1.2 PCI No.	**EMBEDDED PROCESSING/25/15372**
1.3 Title of PCI	**STM32H7Rxx and STM32H7Sxx - Product BootLoader & secure firmware enhancement**
1.4 Product Category	**STM32H7R3x, STM32H7R7x** **STM32H7S3x, STM32H7S7x**
1.5 Issue date	**2025-10-23**

2. PCI Team

2.1 Contact supplier	
2.1.1 Name	**PIKE EMMA**
2.1.2 Phone	**+44 1628896111**
2.1.3 Email	**emma.pike@st.com**
2.2 Change responsibility	
2.2.1 Product Manager	**Patrick AIDOUNE**
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)	ST Crolles (France)

4. Description of change

	Old	New
4.1 Description	STM32H7Rx and STM32H7Sx (Die485 - cut2.0 revision B) System Flash Security Package (SFSP) has limitations	STM32H7Rx and STM32H7Sx (Die485 - cut2.0 revision B) System Flash Security Package (SFSP) enhancement. Change of security descriptor located on Bootloader area needed for integration w/ SFSP : - The change of the SFSP descriptor located in Bootloader area has no impact on Bootloader. - The Bootloader binary remains unchanged. - Changes done in SFSP descriptor: change the address in API table for RSS services. ES0596 device Errata sheet: New Rev. 7 (replacing Rev. 6). AN6022 SFSP Application Note: New SFSP version v2.1.0 (replacing the v2.0.0). AN2606 application Note : - New Revision 69 - 45 2025 (replacing Rev 68). - New Bootloader version V14.5 (replacing V14.4).
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	No impact, no datasheet change.	

5. Reason / motivation for change

5.1 Motivation	**Bug Fix**
5.2 Customer Benefit	**SERVICE IMPROVEMENT**

6. Marking of parts / traceability of change

6.1 Description	**Traceability ensured by ST internal tools**

7. Timing / schedule	
7.1 Date of qualification results	2025-10-08
7.2 Intended start of delivery	2025-11-10
7.3 Qualification sample available?	Not Applicable

8. Qualification / Validation			
8.1 Description	15372 Qualification document not applicable.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	**Issue Date**	2025-10-23

9. Attachments (additional documentations)
15372 Public product.pdf 15372 Qualification document not applicable.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**
	STM32H7R3A8I6	
	STM32H7R3I8K6	
	STM32H7R3I8T6	
	STM32H7R3L8H6	
	STM32H7R3L8H6H	
	STM32H7R3V8T6	
	STM32H7R3V8Y6TR	
	STM32H7R3Z8J6	
	STM32H7R3Z8T6	
	STM32H7R7A8I6	
	STM32H7R7I8K6	
	STM32H7R7I8T6	
	STM32H7R7L8H6	
	STM32H7R7L8H6H	
	STM32H7R7Z8J6	
	STM32H7S3A8I6	
	STM32H7S3I8K6	
	STM32H7S3I8T6	
	STM32H7S3L8H6H	
	STM32H7S3V8H6	
	STM32H7S3V8T6	
	STM32H7S3V8Y6TR	
	STM32H7S3Z8J6	
	STM32H7S3Z8T6	
	STM32H7S7A8I6	
	STM32H7S7I8K6	
	STM32H7S7I8T6	
	STM32H7S7L8H6H	
	STM32H7S7Z8J6	

IMPORTANT NOTICE – PLEASE READ CAREFULLY