


PRODUCT / PROCESS CHANGE INFORMATION

1. PCI basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCI No.	EMBEDDED PROCESSING/26/15980	
1.3 Title of PCI	STM32H7Rx and STM32H7Sx - Firmware Upgrade Service (FUS) enhancement	
1.4 Product Category	STM32H7R3x, STM32H7R7x and STM32H7S3x, STM32H7S7x	
1.5 Issue date	2026-03-04	

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	Marie TOURNUT
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

4. Description of change

	Old	New
4.1 Description	Current STM32H7Rx and STM32H7Sx (Revision B) products have limitations : - IO Compensation Cell issue	STM32H7Rx and STM32H7Sx (Revision B) firmware enhancement: - New FUS V2.1.0 - IO Compensation Cell has been fixed. - New ErrataSheet : ES0596, Rev 9 "STM32H7R/S device errata" - New Application Note : AN6456, Rev.1 "Guidelines for IO Compensation Cell on STM32H7Rx/7Sx devices"
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
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7. Timing / schedule

7.1 Date of qualification results	2026-02-09
7.2 Intended start of delivery	2026-03-30
7.3 Qualification sample available?	Not Applicable

8. Qualification / Validation

8.1 Description	15980 Qualification document not applicable.pdf
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8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2026-03-04
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9. Attachments (additional documentations)
15980 Public product.pdf 15980 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	

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