


PRODUCT / PROCESS CHANGE INFORMATION

1. PCI basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCI No.	MDG/22/13367	
1.3 Title of PCI	STM32H7Ax & STM32H7Bx 2MB product BootLoader & secure firmware improvement	
1.4 Product Category	STM32H7A3xx, STM32H7B0xx, STM32H7B3xx,	
1.5 Issue date	2022-04-29	

2. PCI Team

2.1 Contact supplier	
2.1.1 Name	ROBERTSON HEATHER
2.1.2 Phone	+1 8475853058
2.1.3 Email	heather.robertson@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 programmed in the memory without effect of electrical performance at the customer (bug fix)	Crolles (France)

4. Description of change

	Old	New
4.1 Description	AN4992 - STM32 MCUs secure firmware install (SFI) overview - Rev11 September 2021 AN5243 - Bootloader SFI security extension for STM32H7 Series - Rev2 November 2021 AN2606 - STM32 microcontroller system memory boot mode - Rev53 March 2022 AN5054 - Secure programming using STM32CubeProgrammer - Rev9 August 2021 ES0478 - STM32H7A3xI/G, STM32H7B0xB and STM32H7B3xI device errata – Rev10 June 2021	AN4992 - STM32 MCUs secure firmware install (SFI) overview - Rev12 March 2022 AN5243 - Bootloader SFI security extension for STM32H7 Series - Rev3 March 2022 AN2606 - STM32 microcontroller system memory boot mode - Rev54 April 2022 AN5054 - Secure programming using STM32CubeProgrammer - Rev10 March 2022 ES0478 - STM32H7A3xI/G, STM32H7B0xB and STM32H7B3xI device errata – Rev11 April 2022
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	No change on product Revision update – impact on customer if check on revision is done (it might impact customer production flow)	

5. Reason / motivation for change

5.1 Motivation	To introduce a functional SFI (Secure Firmware Install) which was not available on previous revision.
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	2022-04-26
7.2 Intended start of delivery	2022-06-30
7.3 Qualification sample available?	Not Applicable

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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13367 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
	STM32H7A3IIT6Q	
	STM32H7A3LIH6Q	
	STM32H7A3VIT6	
	STM32H7A3ZIT6	



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 : STM32H7Ax & STM32H7Bx 2MB product BootLoader & secure firmware improvement

PCI Reference : MDG/22/13367

Subject : Public Products List

Dear Customer,

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

STM32H7A3IIK6QTR	STM32H7B3QIY6QTR	STM32H7B3AII6Q
STM32H7B3IIK6	STM32H7A3RIT6	STM32H7B0VBT6TR
STM32H7B0VBT6	STM32H7B0ZBT6	STM32H7B3IIK6Q
STM32H7B0ABI6Q	STM32H7B3ZIT6Q	STM32H7A3RGT6
STM32H7A3RIT6TR	STM32H7A3VGT6	STM32H7B3IIT6
STM32H7A3IIT6	STM32H7A3AGI6Q	STM32H7B3ZIT6
STM32H7A3ZIT6Q	STM32H7B3NIH6	STM32H7B3LIH6Q
STM32H7B0IBK6Q	STM32H7B3RIT6	STM32H7A3ZIT6
STM32H7A3LIH6Q	STM32H7A3AII6Q	STM32H7B3VIH6
STM32H7A3IGT6	STM32H7A3LGH6Q	STM32H7A3NGH6
STM32H7A3QIY6QTR	STM32H7A3ZGT6	STM32H7A3IIK6Q
STM32H7B3VIH6Q	STM32H7A3VIT6	STM32H7A3NIH6
STM32H7B0RBT6	STM32H7A3VGH6	STM32H7B3VIT6Q
STM32H7A3VIH6Q	STM32H7B3VIT6	STM32H7A3IIK6
STM32H7B0IBT6	STM32H7B3IIT6Q	STM32H7A3IIT6Q
STM32H7A3VIT6Q	STM32H7A3VIH6	