


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	NEMETH KRISZTINA
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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
	STM32H7A3NIH6	
	STM32H7A3ZGT6	
	STM32H7B3RIT6	

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