

PRODUCT / PROCESS CHANGE INFORMATION

1. PCI basic data

1.1 Company	 STMicroelectronics International N.V
1.2 PCI No.	EMBEDDED PROCESSING/25/15813
1.3 Title of PCI	Errata sheet ES0478 enhancement for STM32H7A3xx and STM32H7Bxxx microcontrollers
1.4 Product Category	STM32H7A3xl, STM32H7A3xG, STM32H7B0xB, and STM32H7B3xl
1.5 Issue date	2025-09-29

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	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	Modification of datasheet : Errata/error fix	New documentation release

4. Description of change

	Old	New
4.1 Description	Current STM32H7A3xl, STM32H7A3xG, STM32H7B0xB and STM32H7B3xl need errata sheet update	Security advisory SA0045 has been issued: Security firmware install no longer supported on STM32H7A3xx and STM32H7Bxxx microcontrollers. New revision is available for : ES0478 (Rev 12 - July 2025) STM32H7A3xl/G, STM32H7B0xB and STM32H7B3xl device errata
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	Please refer to Errata sheet for details: - ES0478 : STM32H7A3xl/G, STM32H7B0xB and STM32H7B3xl device errata	

5. Reason / motivation for change

5.1 Motivation	SA0045 Security Advisory - Security firmware install no longer supported on STM32H7A3xx and STM32H7Bxxx Microcontrollers.
5.2 Customer Benefit	SERVICE IMPROVEMENT

6. Marking of parts / traceability of change

6.1 Description	Not applicable.
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7. Timing / schedule

7.1 Date of qualification results	2025-09-15
7.2 Intended start of delivery	2025-09-23
7.3 Qualification sample available?	Not Applicable

8. Qualification / Validation

8.1 Description	15813 Qualification not applicable.pdf
8.2 Qualification report and qualification results	Available (see attachment)

Issue Date 2025-09-29

9. Attachments (additional documentations)

15813 Public product.pdf
15813 Qualification 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
	STM32H7A3IIT6Q	
	STM32H7A3LIH6Q	
	STM32H7A3RG6	
	STM32H7A3RIT6	
	STM32H7A3RIT6TR	
	STM32H7A3VGT6	
	STM32H7A3VIH6	
	STM32H7A3VIT6	
	STM32H7A3VIT6Q	
	STM32H7A3ZIT6	
	STM32H7A3ZIT6Q	
	STM32H7B0IBK6Q	
	STM32H7B0RBT6	
	STM32H7B0VBT6	
	STM32H7B0VBT6TR	
	STM32H7B3LIH6Q	
	STM32H7B3VIT6	
	STM32H7B3ZIT6Q	

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