PRODUCT / PROCESS CHANGE INFORMATION

1. PCI basic data

1.1 Company	STMicroelectronics International N.V
1.2 PCI No.	EMBEDDED PROCESSING/25/15894
1.3 Title of PCI	JSCC (China) LFBGA10x10 package Second level interconnect marking symbol amended for STM32F1x listed products.
1.4 Product Category	STM32F103x, STM32F105x and STM32F107x
1.5 Issue date	2025-10-08

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**
Methods	Traceability (marking content, company logo, etc)	JSCC (China)

4. Description of change

	Old	**New**
4.1 Description	second level Interconnect symbol is showing category e2 on top marking of the device while solder balls are actually SAC305.	second level Interconnect symbol changed to category e1 on top marking of the device to reflect actual Alloy Composition of SAC305 solder balls. No change in the device hardware composition.
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	Form: Change is visible on marking area Fit : No change Function : No change Reliability : No change Processability : No change	

5. Reason / motivation for change

5.1 Motivation	Symbol used on the Marking is not reflecting the actual alloy composition of the 2nd level interconnect.
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	2025-10-02
7.2 Intended start of delivery	2025-11-27
7.3 Qualification sample available?	Not Applicable

8. Qualification / Validation

8.1 Description	15894 Qualification not applicable.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	**Issue Date**	2025-10-08

9. Attachments (additional documentations)

15894 Public product.pdf
15894 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
	STM32F103ZEH6	
	STM32F103ZFH6	
	STM32F103ZGH6	
	STM32F103ZGH6TR	

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