## PRODUCT / PROCESS CHANGE INFORMATION

1. PCI basic data		
1.1 Company	life.augmented	STMicroelectronics International N.V
1.2 PCI No.		MICROCONTROLLERS/24/15033
1.3 Title of PCI		JSCC (China) Enhanced traceability with 2D marking for LQFP7x7, LQFP10x10, LQFP12x12 list of products
1.4 Product Category		All listed products
1.5 Issue date		2024-11-18

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

4. Description of change		
	Old	New
4.1 Description	Marking composition with no 2D marking	New marking composition with 2D marking for production assembly
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	To enhance traceability	
5.2 Customer Benefit	SERVICE CONTINUITY	

6. Marking of parts / traceability of change	
6.1 Description	2D marking visible on top device marking

7. Timing / schedule		
7.1 Date of qualification results	2024-10-24	
7.2 Intended start of delivery	2024-12-04	
7.3 Qualification sample available?	Not Applicable	

8. Qualification / Validation			
8.1 Description 15033 _Validation.pdf			
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2024-11-18

## 9. Attachments (additional documentations)

10. Affected parts		
10. 1 Current		10.2 New (if applicable)
0.1.1 Customer Part No	10.1.2 Supplier Part No	10.1.2 Supplier Part No
	STM32C031C4T6	
	STM32C031C6T6	
	STM32C031K4T6	
	STM32C031K6T6	
	STM32F030C6T6	
	STM32F030C6T6TR	
	STM32F030C8T6	
	STM32F030C8T6TR	
	STM32F030CCT6	
	STM32F030CCT6TR	
	STM32F030K6T6	
	STM32F030K6T6TR	
97-14045-ND 3M	STM32F030R8T6	
TM32F030R8T6	STM32F030R8T6	
	STM32F030R8T6TR	
	STM32F030RCT6	
	STM32F030RCT6TR	
	STM32F031C4T6	
	STM32F031C4T6TR	
	STM32F031C6T6	
	STM32F031C6T6TR	
	STM32F031C6T7	
	STM32F031K6T6	
	STM32F031K6T7	
	STM32F038C6T6	
	STM32F038C6T7	
	STM32F042C4T6	
	STM32F042C6T6	
	STM32F042C6T6TR	
	STM32F042C6T7	
	STM32F042K4T6	
	STM32F042K6T6	
	STM32F042K6T6TR	
	STM32F042K6T7	
	STM32F051C4T6	
	STM32F051C6T6	
	STM32F051C6T7	
	STM32F051C8T6	
	STM32F051C8T6TR	
	STM32F051C8T7	
	STM32F051C8T7TR	
	STM32F051K4T6	
	STM32F051K4T6TR	
	STM32F051K6T6	
	STM32F051K6T6TR	

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STM32F051K6T7	
STM32F051K6T7TR	
STM32F051K8T6	
STM32F051K8T6TR	
STM32F051K8T7	
STM32F051R4T6	
STM32F051R6T6	
STM32F051R6T7TR	
STM32F051R8T6	
STM32F051R8T6TR	
STM32F051R8T7	
STM32F051R8T7TR	
STM32F058R8T6	
STM32F070C6T6	
STM32F070C6T6TR	
STM32F070CBT6	
STM32F070CBT6TR	
STM32F070RBT6	
STM32F070RBT6TR	
STM32F071C8T6	
STM32F071C8T6TR	
STM32F071CBT6	
STM32F071CBT6TR	
STM32F071CBT7	
STM32F071RBT6	
STM32F071RBT6TR	
STM32F071RBT7TR	
STM32F072C8T6	
STM32F072C8T6TR	
STM32F072C8T7	
STM32F072CBT6	
STM32F072CBT6TR	
STM32F072CBT7	
STM32F072R8T6	
STM32F072R8T6TR	
STM32F072RBT6	
STM32F072RBT6TR	
STM32F072RBT7	
STM32F078CBT6	
STM32F078RBT6	
STM32F091CBT6	
STM32F091CBT6TR	
STM32F091CBT7	
STM32F091CBT7TR	
STM32F091CCT6	
STM32F091CCT6TR	
STM32F091CCT7	
STM32F091RBT6	
STM32F091RCT6	
STM32F091RCT6TR	
STM32F091RCT7	
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STM32F098CCT6	
STM32F098RCT6	
STM32F100C4T6B	
STM32F100C4T6BTR	
STM32F100C4T7B	
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STM32F100C6T6BTR	
STM32F100C8T6B	
STM32F100C8T6BTR	
STM32F100C8T7B	
STM32F100C8T7BTR	
STM32F100CBT6B	
STM32F100CBT6BTR	
STM32F100CBT7B	
STM32F100CBT7BTR	
STM32F100R4T6B	
STM32F100R4T6BTR	
STM32F100R6T6B	
STM32F100R6T6BTR	
STM32F100R8T6B	
STM32F100R8T6BTR	
STM32F100R8T7B	
STM32F100RBT6B	
STM32F100RBT6BTR	
STM32F100RCT6B	
STM32F100RCT6BTR	
STM32F100RDT6B	
STM32F100RDT6BTR	
STM32F100RET6B	
STM32F100RET6BTR	
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STM32F101C6T6A	
STM32F101C6T6ATR	
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STM32F101R6T6A	
STM32F101R8T6	
STM32F101R8T6TR	
STM32F101RBT6TR	
STM32F101RCT6	
STM32F101RCT6TR	
STM32F101RDT6	
STM32F101RDT6TR	
STM32F101RET6	
STM32F101RET6TR	
STM32F101RFT6	
STM32F101RFT6TR	
STM32F101RGT6	

STM32F102C4T6A	
STM32F102C6T6A	
STM32F102C8T6	
STM32F102C8T6	
STM32F102R4T6A	
STM32F102R6T6A	
STM32F102R8T6	
STM32F102RBT6	
STM32F103C4T6A	
STM32F103C6T6A	
STM32F103C6T6ATR	
STM32F103C6T7A	
STM32F103C6T7ATR	
STM32F103C8T6	
STM32F103C8T6TR	
STM32F103C8T7	
STM32F103CBT7	
STM32F103CBT7TR	
STM32F103R4T6A	
STM32F103R6T6A	
STM32F103R6T7A	
STM32F103R8T6	
STM32F103R8T6TR	
STM32F103R8T7	
STM32F103RBT7	
STM32F103RBT7TR	
STM32F103RCT7	
STM32F103RCT7TR	
STM32F103RDT6	
STM32F103RDT6TR	
STM32F103RET6	
STM32F103RET6TR	
STM32F103RET7	
STM32F103RFT6	
STM32F103RFT6TR	
STM32F103RGT6	
STM32F103RGT6TR	
STM32F103RGT7	
STM32F105R8T6	
STM32F105R8T6TR	
STM32F105R8T7	
STM32F105RBT6	
STM32F105RBT6TR	
STM32F105RCT6	
STM32F105RCT6TR	
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STM32F107RBT6TR	
STM32F107RCT6	
STM32F107RCT6TR	
STM32F107RCT7	
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	STM32F205RBT6TR	
	STM32F205RBT7	
	STM32F205RCT6	
	STM32F205RCT6TR	
	STM32F205RCT7	
	STM32F205RET6	
	STM32F205RET6TR	
	STM32F205RET7	
	STM32F205RFT6	
	STM32F205RGT7	
	STM32F215RET6	
	STM32F215RGT6	
	STM32F301C6T6	
	STM32F301C8T6	
	STM32F301C8T6TR	
	STM32F301C8T7	
	STM32F301K6T6	
	STM32F301K8T6	
	STM32F301K8T7	
	STM32F301R6T6	
	STM32F301R8T6	
	STM32F302C6T6	
	STM32F302C8T6	
	STM32F302C8T7	
	STM32F302CBT6	
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	STM32F302CBT7	
	STM32F302CCT6	
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	STM32F302CCT7	
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	STM32F302R8T6	
	STM32F302R8T6TR	
	STM32F302R8T7	
	STM32F302RBT6	
	STM32F302RBT6TR	
	STM32F302RBT7	
	STM32F302RCT6	
	STM32F302RCT6TR	
	STM32F302RDT6	
	STM32F302RDT7	
	STM32F302RET6	
	STM32F302RET6TR	
	STM32F303C6T6	
	STM32F303C8T6	
	STM32F303CBT6	
	STM32F303CBT6TR	
	STM32F303CBT7	
	STM32F303CCT6	
	STM32F303CCT6TR	
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STM32F303CCT7	
STM32F303K6T6	
STM32F303K8T6	
STM32F303R6T6	
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STM32F303RBT6	
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STM32F303RCT6	
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STM32F303RCT7	
STM32F303RDT6	
STM32F303RDT7	
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STM32F410RBT6	
STM32F410RBT6TR	
STM32F410RBT7	
STM32F410RBT7TR	
STM32F411RCT6	
STM32F411RCT7TR	
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STM32F411RET6TR	
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STM32F415RGT6	
STM32F415RGT6TR	
STM32F423RHT6	
STM32F446RCT6	
STM32F446RCT6TR	
STM32F446RCT7	
STM32F446RCT7TR	
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STM32F446RET6TR	
STM32F446RET7	
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STM32F722RET7	
STM32F730R8T6	
STM32F732RET6	
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STM32G050K6T6	
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STM32G071CBT6TR	
STM32G071KBT6	
STM32G071KBT6N	
STM32G071R8T6	
STM32G071RBT6	
STM32G081KBT6	
STM32G081RBT6	
STM32G0B0KET6	
STM32G0B0RET6	
STM32G0B1CBT6	
STM32G0B1CET6	
STM32G0B1CET6N	
STM32G0B1KCT6	
STM32G0B1KET6	
STM32G0B1KET6N	
STM32G0B1RCT6	
STM32G0B1RET6	
STM32G0B1RET7	
STM32G0C1RET6	
STM32G431C6T6	
STM32G431C8T6	
STM32G431CBT6	
STM32G431K6T6	
STM32G431K8T6	
STM32G431KBT6	
STM32G431RBT6	
STM32G441CBT6	
STM32G441KBT6	
STM32G441RBT6	
STM32G473CBT6	
STM32G473CCT3	
STM32G473CET3	
STM32G473CET6	
STM32G473MBT6	
STM32G473RBT6	
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STM32G473RCT6	
STM32G473RET6	
STM32G474CBT3	
STM32G474CET3	
STM32G474CET6	
STM32G474MET6	
STM32G474RBT6	
STM32G474RCT3	
STM32G474RCT6	
STM32G474RET3	
STM32G474RET6	
STM32G483CET3	
STM32G483CET6	
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STM32G491CET6	
STM32G491MET6	
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STM32L010R8T6	
STM32L010RBT6	
STM32L011K4T6	
STM32L011K4T6D	
STM32L021K4T6	
STM32L031C4T6	
STM32L031C6T6	
STM32L031C6T7	
STM32L031K6T6	
STM32L031K6T6TR	
STM32L031R6161R	
STM32L051C6T6	
STM32L051C616 STM32L051C6T6TR	
STM32L051C6161R STM32L051C8T3	
STM32L051C8T6	
STM32L051C8T6TR	
STM32L051K6T6	
STM32L051K8T6	
STM32L051K8T6TR	
STM32L051K8T7	
STM32L051R6T6	
STM32L051R8T6	
STM32L051R8T6TR	
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STM32L052C8T6	

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STM32L052K6T6	
STM32L052K8T6	
STM32L052K8T7	
STM32L052R6T6	
STM32L052R8T6	
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STM32L053C8T6	
STM32L053C8T6TR	
STM32L053C8T7	
STM32L053R6T6	
STM32L053R8T3	
STM32L053R8T6	
STM32L053R8T6TR	
STM32L053R8T7	
STM32L062K8T6	
STM32L063C8T6	
STM32L063R8T6	
STM32L071C8T6	
STM32L071C8T6TR	
STM32L071CBT3	
STM32L071CBT6	
STM32L071CBT6TR	
STM32L071CBT7	
STM32L071CZT6	
STM32L071CZT6TR	
STM32L071KBT6	
STM32L071KZT6	
STM32L071RBT6	
STM32L071RBT6TR	
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STM32L071RZT6	
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STM32L073RZT6	
STM32L073RZT6TR	
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STM32L081CZT6	
STM32L081KZT6	
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STM32L082KZT6	
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STM32L100RBT6	
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STM32L100RBT6ATR	
STM32L100RCT6	
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STM32L151C8T6	
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STM32L151CBT6ATR	
STM32L151CBT6TR	
STM32L151CCT6	
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STM32L151R8T6	
STM32L151R8T6A	
STM32L151RBT6	
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STM32L151RBT6ATR	
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STM32L152C8T6A	
STM32L152CBT6	
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STM32L152CCT6	
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31W32L132RU10	

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STM32L162RDT6	
STM32L162RET6	
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STM32L412CBT6	
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STM32L412K8T6	
STM32L412KBT6	
STM32L412R8T6	
STM32L412RBT6	
STM32L412RBT6P	
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STM32L431RBT6	
STM32L431RBT6TR	
STM32L431RCT6	
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STM32L433CBT7	
STM32L433CCT3	
STM32L433CCT6	
STM32L433CCT6TR	
STM32L433RBT6	
STM32L433RCT3	
STM32L433RCT6	
STM32L433RCT6P	
STM32L433RCT6TR	
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STM32L443RCT6	
STM32L443RCT6TR	
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STM32L451RET6TR	
STM32L452CET6	
STM32L452RCT6	
STM32L452RET3	
STM32L452RET6	
STM32L452RET6P	
STM32L452RET6F STM32L452RET6TR	
STM32L462RET61R STM32L462RET6	
STM32L471RET6	
STM32L471RGT6	
STM32L471RGT6TR	

STM32L475RCT3	
STM32L475RCT6	
STM32L475RET6	
STM32L475RET6TR	
STM32L475RGT6	
STM32L476RCT6	
STM32L476RET6	
STM32L476RET6TR	
STM32L476RGT3	
STM32L476RGT6	
STM32L476RGT6TR	
STM32L486RGT6	
STM32L486RGT7	
STM32L486RGT7TR	
STM32L496RET6	
STM32L496RGT3	
STM32L496RGT6	
STM32L496RGT6TR	
STM32L4A6RGT6	
STM32L4A6RGT7	
STM32L4A6RGT7TR	
STM32L4P5CET6	
STM32L4P5CGT6	
STM32L4P5CGT6P	
STM32L4P5RET6	
STM32L4Q5CGT6	
STM32L4Q5CGT6P	
STM32L4Q5RGT3	
STM32L4Q5RGT6	
STM32L552CCT6	
STM32L552CET6	
STM32L552RCT6	
STM32L552RET6	
STM32L562CET6	
STM32L562RET6	
STM32L562RET6P	
STM32U545CET6Q	
STM32U545RET6Q	
STM32U575CIT6Q	
STM32U575RIT6	
STM32U575RIT6Q	
STM32U585CIT6	
STM32U585RIT6	
STM32U585RIT6Q	
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STM8L052C6T6TR	
STM8L052R8T6	
STM8L052R8T6TR	
STM8L101K3T6	
STM8L151C2T6	
STM8L151C3T3	
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STM8L151C4T6	
STM8L151C6T3	
STM8L151C6T6	
STM8L151C8T3	
STM8L151C8T6	
STM8L151C8T6TR	
STM8L151K4T6	
STM8L151K4T6TR	
STM8L151K6T3	
STM8L151K6T6	
STM8L151K6T6TR	
STM8L151R6T6	
STM8L151R6T6TR	
STM8L151R8T6	
STM8L151R8T6TR	
STM8L152C4T6	
STM8L152C4T6TR	
STM8L152C6T6	
STM8L152C8T6	
STM8L152K4T6	
STM8L152K4T6TR	
STM8L152K6T6	
STM8L152R6T6	
STM8L152R8T3	
STM8L152R8T6	
STM8L162R8T6	
STM8S003K3T6C	
STM8S003K3T6CTR	
STM8S005C6T6	
STM8S005C6T6TR	
STM8S005K6T6C	
STM8S005K6T6CTR	
STM8S007C8T6	
STM8S007C8T6TR	
STM8S103K3T6C	
STM8S103K3T6CTR	
STM8S105C4T3	
STM8S105C4T6	
STM8S105C4T6TR	
STM8S105C6T3	
STM8S105C6T6	
STM8S105C6T6TR	
STM8S105K4T3C	
STM8S105K4T3CTR	
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STM8S105K6T6C	
STM8S105K6T6CTR	
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STM8S105S4T6CTR	
STM8S105S6T3C	
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STM8S207C6T3	
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STM8S207C6T6TR	
STM8S207C8T3	
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STM8S207CBT6	
STM8S207CBT6TR	
STM8S207K6T3C	
STM8S207K6T3CTR	
STM8S207K6T6C	
STM8S207K6T6CTR	
STM8S207K8T6C	
STM8S207K8T6CTR	
STM8S207R6T6	
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STM8S207R8T3	
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STM8S207RBT6	
STM8S207RBT6TR	
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STM8S207S6T3CTR	
STM8S207S6T6C	
STM8S207S6T6CTR	
STM8S207S8T3C	
STM8S207S8T6C	
STM8S207S8T6CTR	
STM8S207SBT6C	
STM8S208C6T3	
STM8S208C6T6	
STM8S208C8T6	
STM8S208C8T6TR	
STM8S208CBT6	
STM8S208CBT6TR	
STM8S208R8T6	
STM8S208RBT3	
STM8S208RBT6	
STM8S208S6T3C	
STM8S208S6T6C	
STM8S903K3T6C	
STM8S903K3T6CTR	
STM32F100RCT6	
STM32F100RCT6TR	
STM32F105RCT6V	
STM32F105RCT6V STM32F205RGT6W	
STM32F405RGT6V	
STM32F405RGT6W	
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