


PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	MICROCONTROLLERS/24/14922	
1.3 Title of PCN	JSCC (China) LQFP7x7 48L , LQFP10x10 64L and UFQFPN7X7 48L new BOM for STM32H523x and STM32H533x listed product.	
1.4 Product Category	STM32H523xx & STM32H533xx	
1.5 Issue date	2024-08-18	

2. PCN 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	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
Materials	Direct Material: Bond Wire - Metallurgy (metallic composition/ raw material)	StatsChipPAC JSCC Jiangyin China

4. Description of change

	Old	New
4.1 Description	Assembly lines / wire bonding: - JSCC (China) / Gold wire	Assembly lines / wire bonding: - JSCC (China) / Copper Palladium wire additional source - JSCC (China) / Gold wire
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	No change in Form, no change in Fit, no change in Function. Package darkness might change depending on molding compound. Pin1 identifier remain in the same corner but might slightly change in terms of form and positioning.	

5. Reason / motivation for change

5.1 Motivation	Due to the success on the market of STM32 devices, ST Microcontrollers Division decided to qualify an additional back-end assembly line to maintain state of the art service level to our customers thanks to extra capacity.
5.2 Customer Benefit	SERVICE IMPROVEMENT

6. Marking of parts / traceability of change

6.1 Description	Traceability ensure by ST internal tools
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7. Timing / schedule

7.1 Date of qualification results	2024-08-05
7.2 Intended start of delivery	2024-11-01
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description	14922 PCN14922_Reliability RER2220 and RER2321.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2024-08-18

9. Attachments (additional documentations)

14922 Public product.pdf
14922 PCN14922_Reliability RER2220 and RER2321.pdf
14922 PCN14922_Additional information.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
	STM32H523CET6	
	STM32H523CEU6	
	STM32H523RCT6	
	STM32H523RET6	
	STM32H533CET6	
	STM32H533CEU6	
	STM32H533RET6	
	STM32H523CCT6	
	STM32H523CCU6	
	STM32H523RCT7	

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