


PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	EMBEDDED PROCESSING/25/15803	
1.3 Title of PCN	JSCC (China) UFQFPN 4X4 28L new Bill of Material for STM32C031x, STM32G071/G081x and STM32G031/G041x listed products	
1.4 Product Category	STM32C031GxUx, STM32G071GxUx, STM32G081GxUx STM32G031GxUx and STM32G041GxUx	
1.5 Issue date	2025-09-23	

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

4. Description of change

	Old	New
4.1 Description	JSCC (China) UFQFPN 4X4 28L Current Bill Of Material: - Gold wire - Molding compound EME-G770HCD - Leadframe copper, pre-plated	JSCC (China) UFQFPN 4X4 28L new Bill Of Material: - CuPd wire - Molding compound EME-G700LA-LA - Leadframe copper, post-plated
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	Form is changing as displayed in Additional Information document.	

5. Reason / motivation for change

5.1 Motivation	To improve service
5.2 Customer Benefit	SERVICE IMPROVEMENT

6. Marking of parts / traceability of change

6.1 Description	traceability ensured by ST internal tools
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7. Timing / schedule

7.1 Date of qualification results	2025-12-19
7.2 Intended start of delivery	2026-01-07
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description	15803 MDRF-GPAM-RER2507 JSCC (China) UFQFPN 4X4 28L new Bill of Material - reliability plan.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2025-09-23

9. Attachments (additional documentations)
15803 Public product.pdf 15803 MDRF-GPAM-RER2507 JSCC (China) UFQFPN 4X4 28L new Bill of Material - reliability plan.pdf 15803 _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
	STM32C031G4U6	
	STM32C031G6U3	
	STM32C031G6U6	
	STM32G031G6U6	
	STM32G031G8U3	
	STM32G031G8U6	
	STM32G071GBU6	

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