


**PRODUCT / PROCESS CHANGE NOTIFICATION**

**1. PCN basic data**

<b>1.1 Company</b>		STMicroelectronics International N.V
<b>1.2 PCN No.</b>	MDG/24/14312	
<b>1.3 Title of PCN</b>	ASE Kaohsiung (Taiwan) UQFN5x5 32L & UQFN7x7 48L package copper palladium bonding wire introduction on STM32C0x, STM32G0x, STM32G4x, STM32L4x and STM32L5x listed products	
<b>1.4 Product Category</b>	STM32C0x, STM32G0x, STM32G4x, STM32L4x, STM32L5x.	
<b>1.5 Issue date</b>	2024-05-03	

**2. PCN Team**

<b>2.1 Contact supplier</b>	
<b>2.1.1 Name</b>	PIKE EMMA
<b>2.1.2 Phone</b>	+44 1628896111
<b>2.1.3 Email</b>	emma.pike@st.com
<b>2.2 Change responsibility</b>	
<b>2.2.1 Product Manager</b>	Ricardo Antonio DE SA EARP
<b>2.1.2 Marketing Manager</b>	Veronique BARLATIER
<b>2.1.3 Quality Manager</b>	Pascal NARCHE

**3. Change**

<b>3.1 Category</b>	<b>3.2 Type of change</b>	<b>3.3 Manufacturing Location</b>
Materials	Direct Material: Bond Wire - Metallurgy (metallic composition/ raw material)	ASE Kaohsiung (Taiwan)

**4. Description of change**

	Old	New
<b>4.1 Description</b>	Assembly lines / wire bonding: - JSCC (China) / Gold wire - JSCC (China) / Copper Palladium wire - ASE Kaohsiung (Taiwan) / Gold wire	Assembly lines / wire bonding: - JSCC (China) / Gold wire - JSCC (China) / Copper Palladium wire - ASE Kaohsiung (Taiwan) / Gold wire - ASE Kaohsiung (Taiwan) / Copper Palladium wire - Additional Source
<b>4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?</b>	no impact on form, Fit, Function	

**5. Reason / motivation for change**

<b>5.1 Motivation</b>	To improve service
<b>5.2 Customer Benefit</b>	SERVICE IMPROVEMENT

**6. Marking of parts / traceability of change**

<b>6.1 Description</b>	traceability ensured by ST Internal tools
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**7. Timing / schedule**

<b>7.1 Date of qualification results</b>	2024-04-18
<b>7.2 Intended start of delivery</b>	2024-06-17
<b>7.3 Qualification sample available?</b>	Upon Request

**8. Qualification / Validation**

<b>8.1 Description</b>	14312 MDRF-GPM-RER2323 V1.0 - PCN14321 - ASE KH (Taiwan) UQFN 5x5 32L 7x7 48L cu wire - Rel Eval Report.pdf
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8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2024-05-03
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**9. Attachments (additional documentations)**

14312 Public product.pdf  
 14312 MDRF-GPM-RER2323 V1.0 - PCN14321 - ASE KH (Taiwan) UQFN 5x5 32L 7x7 48L cu wire - Rel Eval Report.pdf  
 14312 PCN14312\_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
	STM32G0B1C8U6	
	STM32G431C8U6	
	STM32G431C8U6	
	STM32L412KBU6	
	STM32L412KBU6TR	

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