

PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

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

2. PCN 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
Materials	Direct Material: Bond Wire - Metallurgy (metallic composition/ raw material)	ASE Kaohsiung (Taiwan)

4. Description of change

	Old	New
4.1 Description	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
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	no impact on form, Fit, Function	

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	2024-04-18
7.2 Intended start of delivery	2024-06-17
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description	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
	STM32C031C4U6	
	STM32C031C6U6	
	STM32C031K4U6	
	STM32C031K6U6	
	STM32G031C6U6	
	STM32G031C8U6	
	STM32G031K6U6	
	STM32G031K8U6	
	STM32G051C6U6	
	STM32G051C8U6	
	STM32G051K8U6	
	STM32G061C6U6	
	STM32G061C8U6	
	STM32G071C8U6TR	
	STM32G071CBU6	
	STM32G071K8U6	
	STM32G071KBU3	
	STM32G071KBU6	
	STM32G071KBU6N	
	STM32G081KBU6	
	STM32G0B1CBU6	
	STM32G0B1CCU6	
	STM32G0B1CEU6	
	STM32G0B1KBU6	
	STM32G0B1KEU6	
	STM32G0B1KEU6N	
	STM32G0C1CEU6	
	STM32G431CBU3	
	STM32G431CBU6	
	STM32G431KBU3	
	STM32G431KBU6	
	STM32G441KBU6	
	STM32G473CBU6	
	STM32G473CCU6	
	STM32G473CEU6	
	STM32G474CEU6	
	STM32G484CEU6	
	STM32G491CCU6	
	STM32G491CEU6	
	STM32L412C8U6	
	STM32L412CBU6	

	STM32L412CBU6TR	
	STM32L412K8U6	
	STM32L412KBU3	
	STM32L412KBU3TR	
	STM32L412KBU6	
	STM32L422CBU6	
	STM32L422KBU6	
	STM32L431CBU6	
	STM32L431CCU6	
	STM32L431CCU6TR	
	STM32L431KBU3	
	STM32L431KBU6	
	STM32L431KBU6TR	
	STM32L431KCU6	
	STM32L432KBU6	
	STM32L432KCU3	
	STM32L432KCU6	
	STM32L433CBU6	
	STM32L433CCU3	
	STM32L433CCU6	
	STM32L433CCU6TR	
	STM32L442KCU6	
	STM32L443CCU6	
	STM32L451CCU3	
	STM32L451CCU6	
	STM32L451CCU6TR	
	STM32L451CEU6	
	STM32L451CEU6TR	
	STM32L452CCU6	
	STM32L452CEU3	
	STM32L452CEU6	
	STM32L462CEU6	
	STM32L4P5CEU6	
	STM32L4P5CGU6	
	STM32L4Q5CGU6	
	STM32L4Q5CGU6P	
	STM32L552CCU6	
	STM32L552CEU6	
	STM32L562CEU6	



Public Products List

Public Products are off the shelf products. They are not dedicated to specific customers, they are available through ST Sales team, or Distributors, and visible on ST.com

PCN Title : ASE Kaohsiung (Taiwan) UQFN5x5 32L & UQFN7x7 48L package copper palladium bonding wire introduction on STM32C0x, STM32G0x, STM32G4x, STM32L4x and STM32L5x listed products

PCN Reference : MDG/24/14312

Subject : Public Products List

Dear Customer,

Please find below the Standard Public Products List impacted by the change.

STM32G0B1CCU6NTR	STM32G0B1KBU3NTR	STM32G031K6U6
STM32L431CBU6	STM32G431CBU3	STM32G051K6U6
STM32G0B1CCU3TR	STM32G071CBU3	STM32G431C6U6
STM32L432KCU3TR	STM32G473CEU3TR	STM32L412KBU6TR
STM32L431CCU6	STM32G0B1CCU6TR	STM32L422CBU6
STM32C031K6U3TR	STM32G081KBU6	STM32G061C8U6
STM32G071KBU3	STM32G473CCU6TR	STM32L562CEU6P
STM32G071KBU6	STM32G0B1CBU3	STM32G0B1KCU6N
STM32G031K8U6TR	STM32G0B1CCU6	STM32L451CEU6TR
STM32G474CCU6	STM32L451CCU6	STM32G431K8U6
STM32G031C8U3	STM32L552CCU6	STM32L442KCU6
STM32G071C8U6TR	STM32L431KBU6	STM32G071KBU7TR
STM32C031K4U6TR	STM32G031K4U3TR	STM32L431CCU7TR
STM32G071C8U7	STM32G441CBU6	STM32G0B1CCU6N
STM32L4P5CGU6P	STM32G071C8U7TR	STM32G031K8U7
STM32L431CCU6TR	STM32G071KBU7	STM32G071CBU6TR
STM32L433CBU6	STM32G071KBU6TR	STM32G0B1CCU7TR
STM32L431CCU7	STM32G441KBU6	STM32L412K8U6TR
STM32G431K8U6TR	STM32L432KCU3	STM32G051K8U7
STM32L451CCU3TR	STM32L451CCU3	STM32G431KBU3TR
STM32G031C8U3TR	STM32G071CBU3TR	STM32G0B1KCU6
STM32G0C1CCU6	STM32G4A1CEU6	STM32C031K4U7TR
STM32G051C8U3TR	STM32G0C1KEU6	STM32G041K6U3TR
STM32G0B1CBU6N	STM32L4Q5CGU6P	STM32G0B1CBU6
STM32G484CEU6	STM32G0B1KEU6N	STM32L422KBU6
STM32G0B1KEU6	STM32L431KBU6TR	STM32G031K8U7TR
STM32G473CEU3	STM32G041K6U3	STM32L4P5CEU6
STM32G051C8U6TR	STM32G031C8U6	STM32L433CCU3TR
STM32G071C8U3	STM32G061K8U6	STM32L552CEU6P
STM32G0B1KEU7TR	STM32L452CEU6	STM32L412C8U6
STM32G071C8U3TR	STM32G051K6U7TR	STM32G031C4U6
STM32C031C6U6	STM32L462CEU6	STM32G473CCU3TR
STM32G0C1CEU6	STM32G0B1KCU7TR	STM32G473CEU6
STM32L431KBU3	STM32C031C4U6	STM32G474CCU3
STM32G0B1CEU6	STM32G0C1KCU6N	STM32G031C8U6TR



Public Products List

STM32C031K6U7TR	STM32G041K8U6	STM32G031K8U6
STM32C031K6U7	STM32G0B1CBU6TR	STM32G051K8U6
STM32G051K8U7TR	STM32G0B1KEU7	STM32L412KBU6
STM32G071KBU6N	STM32G061K6U6	STM32G0B1KCU7
STM32G061C6U6	STM32G0B1CBU7	STM32C031C6U7
STM32G031K4U6	STM32G474CEU6TR	STM32L412KBU3
STM32G051C8U3	STM32G431CBU6	STM32L432KBU6
STM32G491CEU3	STM32L412CBU6P	STM32G474CBU6
STM32G0C1KEU6N	STM32G031C8U7	STM32L431KCU6TR
STM32G431C8U3	STM32G071CBU6	STM32L462CEU6F
STM32L412K8U6	STM32G051K6U7	STM32L412C8U6TR
STM32L432KCU6TR	STM32L412CBU6	STM32G051C8U6
STM32L4Q5CGU6	STM32G031K4U6TR	STM32G0B1CEU7
STM32C031K6U6	STM32G051C8U7TR	STM32L432KBU6TR
STM32L431CBU6TR	STM32L442KCU6TR	STM32G431C8U6
STM32G0B1CCU3	STM32L433CCU6TR	STM32G473CCU3
STM32G431KBU6	STM32G071K8U6	STM32G0C1CEU6TR
STM32L412CBU6TR	STM32G491CEU6	STM32G0B1CEU7TR
STM32G031K4U3	STM32L431KBU3TR	STM32G051C6U6
STM32G081CBU6	STM32L452CEU3	STM32L562CEU6TR
STM32G051C8U7	STM32G473CBU6	STM32L432KCU6
STM32L431KCU6	STM32G0B1KBU6	STM32G0B1CEU6N
STM32G431K6U6	STM32L443CCU6	STM32L4P5CGU6
STM32G474CEU3	STM32L452CCU6	STM32G0B1CBU7TR
STM32G473CCU6	STM32G031C6U6	STM32L462CEU6TR
STM32G0B1KBU6N	STM32L451CEU6	STM32G031C8U7TR
STM32G431KBU3	STM32C031C6U7TR	STM32C031K4U6
STM32G0B1KBU3N	STM32L433CCU6	STM32L451CCU6TR
STM32L562CEU6	STM32C031K6U6TR	STM32G474CEU6
STM32L562CEU3	STM32G0B1CCU7	STM32G431K6U3
STM32G041C8U6	STM32L433CCU3	STM32G483CEU6
STM32G491CCU6	STM32G0C1KCU6	STM32L552CEU6
STM32C031K4U7	STM32G491CEU3TR	STM32G431CBU3TR
STM32G431CBU6TR	STM32G474CEU3TR	

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