

PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	MICROCONTROLLERS/24/14886	
1.3 Title of PCN	AMKOR ATP (Philippines) LQFP100 14x14 and LQFP144 20x20 Copper wire proliferation on STM32H74x/75x and STM32H7Ax/H7Bx listed products	
1.4 Product Category	STM32H74x/75x and STM32H7Ax/H7Bx	
1.5 Issue date	2024-08-18	

2. PCN Team

2.1 Contact supplier	
2.1.1 Name	Robert Goodman
2.1.2 Phone	+1 6024856271
2.1.3 Email	robert.goodman@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)	AMKOR ATP (Philippines)

4. Description of change

	Old	New
4.1 Description	Current Wire bonding material: - ASEKH (Taiwan) gold wire - ASEKH (Taiwan) copper palladium wire. - AMKOR ATP (Philippines) gold wire	Current Wire bonding material: - ASEKH (Taiwan) gold wire - ASEKH (Taiwan) copper palladium wire. - AMKOR ATP (Philippines) gold wire New Wire bonding material : - AMKOR ATP (Philippines) copper palladium wire
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	2024-08-06
7.2 Intended start of delivery	2024-11-01
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description	14886 MDG-GPM-RER2312 V3.0 PCN14486 ATP1-LQFP14x14 100L LQFP20x20 144L-CuPd RER Eval.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2024-08-18

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Public Products List

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PCN Reference : MICROCONTROLLERS/24/14886

Subject : Public Products List

Dear Customer,

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

STM32H750VBT6TR	STM32H743ZIT6	STM32H7B3VIT6
STM32H745ZIT6	STM32H742VIT6TR	STM32H742ZIT6
STM32H753VIT6	STM32H742ZGT6	STM32H7A3VIT6
STM32H743VGT6	STM32H7B0VBT6	STM32H742VGT6
STM32H745ZGT6	STM32H750VBT6	STM32H7A3ZIT6
STM32H7B3VIT6Q	STM32H755ZIT3	STM32H7A3ZGT6
STM32H7A3VGT6	STM32H7A3VGT6TR	STM32H743VIT6
STM32H743ZGT6	STM32H755ZIT6	STM32H753ZIT6
STM32H742VIT6	STM32H743VIT6TR	STM32H7A3VIT6Q
STM32H7B3ZIT6	STM32H7B0VBT6TR	STM32H742VGT6TR
STM32H750ZBT6	STM32H745ZIT3	STM32H7B3ZIT6Q
STM32H7A3ZIT6Q	STM32H7B0ZBT6	

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