

PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company	 STMicroelectronics International N.V
1.2 PCN No.	EMBEDDED PROCESSING/26/16420
1.3 Title of PCN	Amkor ATJ (Japan) additional assembly line for STM32H74x & STM32H75x listed products in TFBGA14x14 and TFBGA8x8 packages
1.4 Product Category	STM32H742x, STM32H743x, STM32H745x, STM32H747x, STM32H750x, STM32H753x, STM32H755x and STM32H757x.
1.5 Issue date	2026-06-29

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	Marie TOURNUT
2.1.3 Quality Manager	Pascal NARCHE

3. Change

3.1 Category	3.2 Type of change	3.3 Manufacturing Location
Transfer	Line transfer for a full process or process brick (process step, control plan, recipes) from one site to another site: Assembly site (SOP 2617)	Amkor ATJ (Japan)

4. Description of change

	Old	New
4.1 Description	Current assembly sites (depending on package): - STATSChipPAC JSCC (China) Copper Palladium wire, - ASE Kaohsiung (Taiwan) gold wire , - ASE Kaohsiung (Taiwan) Copper Palladium wire , - AMKOR ATP (Philippine) gold wire, - AMKOR ATP (Philippine) Copper Palladium wire, You may refer to 16420_Additional information.pdf document for further details.	Current assembly sites: (depending on package) : - STATSChipPAC JSCC (China) Copper Palladium wire, - ASE Kaohsiung (Taiwan) gold wire , - ASE Kaohsiung (Taiwan) Copper Palladium wire , - AMKOR ATP (Philippine) gold wire, - AMKOR ATP (Philippine) Copper Palladium wire, Additional assembly site for extended capacity: - Amkor ATJ (Japan) Copper Alloy wire .
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	No Impact on Form, Fit or Function	

5. Reason / motivation for change

5.1 Motivation	Due to the success on the market of STM32 devices, ST General Purpose and Automotive Microcontrollers division decided to qualify an additional back-end site 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	Change is visible on the marking Assembly Site code . - GQ : STATSChipPAC JSCC JiangYing (China) - AA : ASE KaoHsiung (Taiwan) - 7B : AMKOR ATP (Philippines) - 6Z : AMKOR ATJ (Japan) Please refer to PCN 16420_Additional information.pdf document for further details.
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7. Timing / schedule	
7.1 Date of qualification results	2027-01-28
7.2 Intended start of delivery	2027-02-10
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation			
8.1 Description	16420 RER2615 PCN16420 ATJ3 BGA14x14 8X8 CuPd wire STM32- reliability evaluation plan.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2026-06-29

9. Attachments (additional documentations)	
16420 Public product.pdf 16420 RER2615 PCN16420 ATJ3 BGA14x14 8X8 CuPd wire STM32- reliability evaluation plan.pdf 16420 _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
	STM32H743XGH6	
	STM32H743XIH6	
	STM32H745XIH3	
	STM32H745XIH6	
	STM32H747XGH6	
	STM32H747XIH6	
	STM32H755XIH3	
	STM32H755XIH6	
	STM32H757XIH6	
	STM32H743VIH6	

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