


PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	MICROCONTROLLERS/24/14844	
1.3 Title of PCN	ST MUAR (Malaysia) additional source for STM32H74x/75x, STM32H72x/73x and STM32G47x/48x/G41x listed products in LQFP 14x14 100L package	
1.4 Product Category	STM32H74x/75x STM32H72x/73x STM32G47x/48x/G41x	
1.5 Issue date	2024-08-29	

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	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
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)	ST Muar (Malaysia)

4. Description of change

	Old	New
4.1 Description	Current assembly sites: - ASE Kaohsiung (Taiwan) Gold wire & Copper Palladium wire - AMKOR ATP (Philippine) Gold wire & Copper Palladium wire	Current assembly site: - ASE Kaohsiung (Taiwan) Gold wire & Copper Palladium wire - AMKOR ATP (Philippine) Gold wire & Copper Palladium wire Additional assembly site for extended capacity: - ST Muar (Malaysia) 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 Microcontrollers sub-group 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 in the marking. Please refer to PCN 14844 – Additional information attached document.
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7. Timing / schedule

7.1 Date of qualification results	2024-12-01
7.2 Intended start of delivery	2024-12-16
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description	14844 MDRF-GPM-RER2414 PCN14844 - ST Muar additional source in LQFP 14x14 100L package - Reliability plan.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2024-08-29

9. Attachments (additional documentations)

14844 Public product.pdf
14844 MDRF-GPM-RER2414 PCN14844 - ST Muar additional source in LQFP 14x14 100L package - Reliability plan.pdf
14844 PCN14844_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
	STM32H730VBT6	
	STM32H730VBT6TR	
	STM32H743VIT6	
	STM32H743VIT6TR	
	STM32H750VBT6	
	STM32H750VBT6TR	

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