

PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company	 STMicroelectronics International N.V
1.2 PCN No.	EMBEDDED PROCESSING/25/15917
1.3 Title of PCN	ST MUAR (Malaysia) additional source for STM32L43/44x, STM32L45/46x, STM32L47/48x, STM32L49/4Ax and STM32G49/4Ax listed products in LQFP 14x14 100L package
1.4 Product Category	STM32L43x, STM32L44x, STM32L45x, STM32L46x, STM32L47x, STM32L48x, STM32L49x, STM32L4Ax, STM32G49x and STM32G4Ax
1.5 Issue date	2025-12-11

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	Patrick AIDOUNE
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 CONTINUITY

6. Marking of parts / traceability of change

6.1 Description	Change is visible on the marking with Production Plant (PP code) - AA: ASE KaoHsiung (Taiwan) - 7B: AMKOR ATP (Philippines) - 9H: ST MUAR (Malaysia) additional plant Please refer to PCN 15917 – Additional information attached document.
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7. Timing / schedule

7.1 Date of qualification results	2026-02-25
7.2 Intended start of delivery	2026-03-25
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation			
8.1 Description	15917 MDRF-GPM RER2414 V1.1 - PCN14844-15917 - ST Muar addl src LQFP14x14 100L - Reliab Eval Report.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2025-12-11

9. Attachments (additional documentations)	
15917 Public product.pdf 15917 MDRF-GPM RER2414 V1.1 - PCN14844-15917 - ST Muar addl src LQFP14x14 100L - Reliab Eval Report.pdf 15917 _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
	STM32G491VCT6	
	STM32G491VET6	
	STM32L431VCT6	
	STM32L433VCT3	
	STM32L433VCT6	
	STM32L433VCT6TR	
	STM32L443VCT6	
	STM32L451VCT6	
	STM32L451VET6	
	STM32L452VCT6	
	STM32L452VET3	
	STM32L452VET6	
	STM32L462VET6	
	STM32L462VET6TR	
	STM32L471VET6	
	STM32L471VET6TR	
	STM32L471VGT3	
	STM32L471VGT6	
	STM32L475VCT6	
	STM32L475VET6	
	STM32L475VGT6	
	STM32L476VCT6	
	STM32L476VET6	
	STM32L476VET6TR	
	STM32L476VGT3	
	STM32L476VGT6	
	STM32L476VGT6TR	
	STM32L476VGT7	
	STM32L486VGT6	
	STM32L486VGT6TR	
	STM32L496VET6	
	STM32L496VGT3	
	STM32L496VGT6	
	STM32L496VGT6P	
	STM32L496VGT6TR	
	STM32L4A6VGT6	
	STM32L4A6VGT6P	
	STM32L4A6VGT6TR	

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