

**PRODUCT / PROCESS CHANGE NOTIFICATION**

**1. PCN basic data**

<b>1.1 Company</b>		STMicroelectronics International N.V
<b>1.2 PCN No.</b>	MDG/24/14653	
<b>1.3 Title of PCN</b>	ST MUAR (Malaysia) Conversion from Matrix to Super High Density (SHD) leadframe for STM8Lx and STM8Sx listed products in LQFP 14x14 80L/64L package.	
<b>1.4 Product Category</b>	STM8S207x, STM8S208x, STM8L151x, STM8L152x, STM8L162x.	
<b>1.5 Issue date</b>	2024-07-15	

**2. PCN Team**

<b>2.1 Contact supplier</b>	
<b>2.1.1 Name</b>	PIKE EMMA
<b>2.1.2 Phone</b>	+44 1628896111
<b>2.1.3 Email</b>	emma.pike@st.com
<b>2.2 Change responsibility</b>	
<b>2.2.1 Product Manager</b>	Ricardo Antonio DE SA EARP
<b>2.1.2 Marketing Manager</b>	Veronique BARLATIER
<b>2.1.3 Quality Manager</b>	Pascal NARCHE

**3. Change**

<b>3.1 Category</b>	<b>3.2 Type of change</b>	<b>3.3 Manufacturing Location</b>
Materials	New direct material part number (same supplier, different supplier or new supplier), Lead frame finishing material / area (internal)	ST MUAR - MALAYSIA

**4. Description of change**

	<b>Old</b>	<b>New</b>
<b>4.1 Description</b>	64L Matrix and 80L Matrix Leadframe - with PPF Lead Finishing.	LQFP 64L and 80L SHD Leadframe - LF Finishing: RingAg  The Bill of Materials in ST Muar (Malaysia) assembly plant is described in PCN14653_Additonal_information document.
<b>4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?</b>	Form: Yes - marking change Fit: No change, Function: No change, No impact for customer	

**5. Reason / motivation for change**

<b>5.1 Motivation</b>	The strategy of ST GPM Group is to increase the robustness and improve performances, quality and functionality of our products. This is achieved by introducing new Bill Of Material for STM8Ax products.
<b>5.2 Customer Benefit</b>	SERVICE CONTINUITY

**6. Marking of parts / traceability of change**

<b>6.1 Description</b>	Traceability ensured by ST internal tools
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**7. Timing / schedule**

<b>7.1 Date of qualification results</b>	2025-04-04
<b>7.2 Intended start of delivery</b>	2025-05-02
<b>7.3 Qualification sample available?</b>	Upon Request

**8. Qualification / Validation**

<b>8.1 Description</b>	14653 MDRF-GPM-RER2408 PCN14653 - ST Muar LQFP14x14 FP Mtx to SHD - reliability plan.pdf		
<b>8.2 Qualification report and qualification results</b>	Available (see attachment)	<b>Issue Date</b>	2024-07-15

**9. Attachments (additional documentations)**

14653 Public product.pdf  
14653 MDRF-GPM-RER2408 PCN14653 - ST Muar LQFP14x14 FP Mtx to SHD - reliability plan.pdf  
14653 PCN14653\_Additional information.pdf

**10. Affected parts**

<b>10. 1 Current</b>		<b>10.2 New (if applicable)</b>
<b>10.1.1 Customer Part No</b>	<b>10.1.2 Supplier Part No</b>	<b>10.1.2 Supplier Part No</b>
	STM8S207MBT6BTR	

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