


PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

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

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
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

	Old	New
4.1 Description	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.
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	Form: Yes - marking change Fit: No change, Function: No change, No impact for customer	

5. Reason / motivation for change

5.1 Motivation	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.
5.2 Customer Benefit	SERVICE CONTINUITY

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	2025-04-04
7.2 Intended start of delivery	2025-05-02
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation			
8.1 Description	14653 MDRF-GPM-RER2408 PCN14653 - ST Muar LQFP14x14 FP Mtx to SHD - reliability plan.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	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		
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
	STM8S207MBT6BTR	

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