


PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	MDG/24/14421	
1.3 Title of PCN	ST MUAR (Malaysia) additional source for STM32L0x in LQFP 7X7 48L package - on listed products	
1.4 Product Category	STM32L05x, STM32L06x, STM32L07x, STM32L08x, STM32L0Bx	
1.5 Issue date	2024-02-14	

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	Back-end sources: - Stats ChipPAC JSCC Jiangyin China - ASE Kaohsiung Taiwan	Back-end sources: - Stats ChipPAC JSCC Jiangyin China - ASE Kaohsiung Taiwan - ST Muar Malaysia (extended capacity with additional assembly line)
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 14421 – Additional information attached document.
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7. Timing / schedule

7.1 Date of qualification results	2024-02-08
7.2 Intended start of delivery	2024-04-10
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description	14421 MDG-MCD RER1514 V2- LQFP7x7 Muar-PCN9484 PCN14421 - reliability evaluation report.pdf
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8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2024-02-14
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9. Attachments (additional documentations)

14421 Public product.pdf
 14421 MDG-MCD RER1514 V2- LQFP7x7 Muar-PCN9484 PCN14421 - reliability evaluation report.pdf
 14421 PCN14421_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
	STM32L052C6T6	
	STM32L052C8T7	
	STM32L071CBT6	
	STM32L071CZT6	
	STM32L071CZT7	
	STM32L083CBT6	

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