


PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	MDG/21/12094	
1.3 Title of PCN	ASE Kaohsiung (Taiwan) LQFP 7x7 32L & 48L and LQFP 10x10 64L Bonding Wire procurement flexibility - On listed products	
1.4 Product Category	STM32L152 128K STM32L162 384K STM8L10x 8K STM8L15x 32K STM8L15x 64K STM8L15x 8K	
1.5 Issue date	2021-10-04	

2. PCN Team

2.1 Contact supplier	
2.1.1 Name	KRAUSE INA
2.1.2 Phone	+49 89460062370
2.1.3 Email	ina.krause@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), Bond wire material, diameter	ASE Kaohsiung (Taiwan)

4. Description of change

	Old	New
4.1 Description	current assembly line - ASE Kaohsiung (Taiwan) gold line - Amkor ATP (Philippines) - ST Muar (Malaysia) - Stats ChipPAC JSCC Jiangyin (China)	Additional line - ASE Kaohsiung (Taiwan) silver line - ASE Kaohsiung (Taiwan) gold line - Amkor ATP (Philippines) - ST Muar (Malaysia) - Stats ChipPAC JSCC Jiangyin (China)
4.2 Anticipated Impact on form, fit, function, quality, reliability or processability?	no impact	

5. Reason / motivation for change

5.1 Motivation	Due to the success on the market of STM MCU devices, ST Microcontrollers Division decided to qualify an additional back-end line 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	traceability ensured by ST internal tools
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7. Timing / schedule

7.1 Date of qualification results	2021-09-27
7.2 Intended start of delivery	2021-11-02
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description	12094 MDG-MCD-RER1913 V1 - PCN12094 - ASE Kaohsiung LQ7 LQ10 - Reliability Evaluation Report.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2021-10-04

9. Attachments (additional documentations)

12094 Public product.pdf
12094 MDG-MCD-RER1913 V1 - PCN12094 - ASE Kaohsiung LQ7 LQ10 - Reliability Evaluation Report.pdf
12094 PCN12094_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
	STM32L151RDT6TR	
	STM8L052C6T6TR	
	STM8L152C6T6	

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