


PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	MDG/19/11330	
1.3 Title of PCN	ST Muar (Malaysia) HD line capacity extension STM8 & STM32 LQFP 10x10 64L listed products	
1.4 Product Category	STM8 & STM32 LQFP 10x10 64L listed products	
1.5 Issue date	2019-04-29	

2. PCN Team

2.1 Contact supplier	
2.1.1 Name	FRANK SCHIFANO
2.1.2 Phone	+1 5148333778
2.1.3 Email	frank.schifano@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	ST Muar (Malaysia)

4. Description of change

	Old	New
4.1 Description	Back-end sources: - Stats ChipPAC JSCC Jiangyin China - ST Muar Malaysia (existing capacity line) - Amkor ATP Philippines - ASE Kaohsiung Taiwan	Back-end sources: - Stats ChipPAC JSCC Jiangyin China - ST Muar Malaysia (existing capacity line) - Amkor ATP Philippines - ASE Kaohsiung Taiwan - ST Muar Malaysia (extended capacity line)
4.2 Anticipated Impact on form, fit, function, quality, reliability or processability?	SS marking is inserted. Pin1 identifier remains in the same corner but might change in terms of form and positioning. Package darkness changes depending on molding compound.	

5. Reason / motivation for change

5.1 Motivation	Due to the success on the market of STM8 and STM32 devices, ST Microcontrollers Division 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	CAPACITY INCREASE

6. Marking of parts / traceability of change

6.1 Description	Change is visible in the marking. Please refer to PCN 11330 – Additional information attached document.
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7. Timing / schedule

7.1 Date of qualification results	2019-05-15
7.2 Intended start of delivery	2019-06-16
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description	11330 MDG-MCD-RER1910 PCN11330-ST MUAR HD line capacity extension STM8 & STM32 LQFP 10x10 64L.pdf
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8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2019-04-29
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9. Attachments (additional documentations)

11330 Public product.pdf 11330 MDG-MCD-RER1910 PCN11330-ST MUAR HD line capacity extension STM8 & STM32 LQFP 10x10 64L.pdf 11330 PCN11330_Additional information.pdf
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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
	STM32F100RBT6B	
	STM32F103RCT6	

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