


**PRODUCT / PROCESS CHANGE NOTIFICATION**

**1. PCN basic data**

<b>1.1 Company</b>		STMicroelectronics International N.V
<b>1.2 PCN No.</b>	MDG/19/11628	
<b>1.3 Title of PCN</b>	ST Muar (Malaysia) HD line capacity extension STM8 & STM32 LQFP 10x10 64L additional products	
<b>1.4 Product Category</b>	STM8 & STM32 LQFP 10x10 64L listed products	
<b>1.5 Issue date</b>	2019-07-02	

**2. PCN Team**

<b>2.1 Contact supplier</b>	
<b>2.1.1 Name</b>	FRANK SCHIFANO
<b>2.1.2 Phone</b>	+1 5148333778
<b>2.1.3 Email</b>	frank.schifano@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), Bond wire material, diameter	ST Muar (Malaysia)

**4. Description of change**

	<b>Old</b>	<b>New</b>
<b>4.1 Description</b>	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)
<b>4.2 Anticipated Impact on form, fit, function, quality, reliability or processability?</b>	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**

<b>5.1 Motivation</b>	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.
<b>5.2 Customer Benefit</b>	CAPACITY INCREASE

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

<b>6.1 Description</b>	Change is visible in the marking. Please refer to PCN 11628 – Additional information attached document.
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**7. Timing / schedule**

<b>7.1 Date of qualification results</b>	2019-06-17
<b>7.2 Intended start of delivery</b>	2019-07-17
<b>7.3 Qualification sample available?</b>	Upon Request

**8. Qualification / Validation**

<b>8.1 Description</b>	11628 MDG-MCD-RER1910 PCN11330-11628 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	2019-07-02
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<b>9. Attachments (additional documentations)</b>
11628 Public product.pdf 11628 MDG-MCD-RER1910 PCN11330-11628 ST MUAR HD line capacity extension STM8 & STM32 LQFP 10x10 64L.pdf 11628 PCN11628_Additional information.pdf

<b>10. Affected parts</b>		
<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>
	STM32F100RBT6B	
	STM32F103RCT6	
	STM32F103RGT6	

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