

**PRODUCT / PROCESS CHANGE NOTIFICATION**

**1. PCN basic data**

<b>1.1 Company</b>		STMicroelectronics International N.V
<b>1.2 PCN No.</b>	MDG/19/10689	
<b>1.3 Title of PCN</b>	ASE Kaohsiung (Taiwan) additional source for LQFP 14x14 package products	
<b>1.4 Product Category</b>	LQFP 14x14 listed products	
<b>1.5 Issue date</b>	2019-01-21	

**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>
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)	ASE Kaohsiung Taiwan

**4. Description of change**

	<b>Old</b>	<b>New</b>
<b>4.1 Description</b>	Back-end sources: - ST Muar Malaysia - Amkor ATP Philippines	Back-end sources: - ST Muar Malaysia - Amkor ATP Philippines - ASE Kaohsiung Taiwan - Additional source For more information, please refer to PCN10689 – Additional information attached document.
<b>4.2 Anticipated Impact on form, fit, function, quality, reliability or processability?</b>	Lead color and surface finish change depending on leadfinishing. Package darkness changes depending on molding compound. Pin1 identifier might change in terms of form and positioning. Marking position and size could be different upon assembly site, without any loss of information.	

**5. Reason / motivation for change**

<b>5.1 Motivation</b>	Due to the success on the market of 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 through assembly traceability plant, in the marking: - "9H" for ST Muar Malaysia - "7B" for Amkor ATP Philippines - "AA" for ASE Kaohsiung Taiwan Please refer to PCN 10689 – Additional information attached document.
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**7. Timing / schedule**

<b>7.1 Date of qualification results</b>	2019-01-18
<b>7.2 Intended start of delivery</b>	2019-02-18
<b>7.3 Qualification sample available?</b>	Upon Request

**8. Qualification / Validation**

<b>8.1 Description</b>	10689 MDG-MCD-RER1810 PCN10548 PCN10689-ASE Kaohsiung additional source for LQFP 7x710x1014x1420x20.pdf		
<b>8.2 Qualification report and qualification results</b>	Available (see attachment)	<b>Issue Date</b>	2019-01-21

**9. Attachments (additional documentations)**

10689 Public product.pdf  
10689 MDG-MCD-RER1810 PCN10548 PCN10689-ASE Kaohsiung additional source for LQFP 7x710x1014x1420x20.pdf  
10689 PCN10689\_Additional information.pdf

**10. Affected parts**

<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>
	STM32F407VGT6	
	STM32F767VGT6	

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