


**PRODUCT / PROCESS CHANGE NOTIFICATION**

**1. PCN basic data**

<b>1.1 Company</b>		STMicroelectronics International N.V
<b>1.2 PCN No.</b>	MDG/19/10816	
<b>1.3 Title of PCN</b>	TSMC (Taiwan) additional source for STM32F4 & STM32F7 listed products in M10/90nm technology	
<b>1.4 Product Category</b>	STM32F72/3 & STM32F46/7 & STM32F76/7 products in M10/90nm technology	
<b>1.5 Issue date</b>	2019-02-10	

**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: Wafer fabrication	TSMC Fab14 (Taiwan)

**4. Description of change**

	<b>Old</b>	<b>New</b>
<b>4.1 Description</b>	Front-end source: - ST Crolles CR300 (France)	Front-end sources: - ST Crolles CR300 (France) - Existing source - TSMC Fab14 (Taiwan) - Additional source - There is no change in the product functionality. Please refer to PCN 10816 – Additional information attached document.
<b>4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?</b>	no change	

**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 front-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 diffusion traceability plant, in the marking: - "VQ" for ST Crolles CR300 (France) - "9R" for TSMC Fab14 (Taiwan) Please refer to PCN 10816 – Additional information attached document.
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**7. Timing / schedule**

<b>7.1 Date of qualification results</b>	2019-10-01
<b>7.2 Intended start of delivery</b>	2019-11-01
<b>7.3 Qualification sample available?</b>	Not Applicable

**8. Qualification / Validation**

<b>8.1 Description</b>	10816 MDG-MCD RER1715 - PCN10333 - PCN10544 - PCN10595 - PCN10703 - PCN10596 - PCN10671 - PCN 10816 TSMC Taiwan.pdf		
<b>8.2 Qualification report and qualification results</b>	Available (see attachment)	<b>Issue Date</b>	2019-02-10

<b>9. Attachments (additional documentations)</b>
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10816 Public product.pdf 10816 PCN10816_Division Note M10 Additional Source.pdf 10816 MDG-MCD RER1715 - PCN10333 - PCN10544 - PCN10595 - PCN10703 - PCN10596 - PCN10671 - PCN 10816 TSMC Taiwan.pdf 10816 PCN10816_Additional information.pdf
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<b>10. Affected parts</b>
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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
	STM32F767VGT6	

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