


**PRODUCT / PROCESS CHANGE NOTIFICATION**

**1. PCN basic data**

<b>1.1 Company</b>		STMicroelectronics International N.V
<b>1.2 PCN No.</b>		MDG/17/10333
<b>1.3 Title of PCN</b>		TSMC (Taiwan) additional source for STM32F209 1MB & STM32F46 1MB products in M10/90nm technology
<b>1.4 Product Category</b>		STM32F209 1MB & STM32F46 1MB in M10/90nm technology products
<b>1.5 Issue date</b>		2017-11-17

**2. PCN Team**

<b>2.1 Contact supplier</b>	
<b>2.1.1 Name</b>	FRANK SCHIFANO
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<b>2.1.3 Email</b>	frank.schifano@st.com
<b>2.2 Change responsibility</b>	
<b>2.2.1 Product Manager</b>	Michel BUFFA
<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 sources: - ST Crolles CR300 (France) - ST Rousset R8 (France)	Front-end sources: - ST Crolles CR300 (France) - Existing source - ST Rousset R8 (France) - Existing source - TSMC Fab14 (Taiwan) - Additional source - There is no change in the product functionality.
<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: - "VG" for ST Rousset (France) - "VQ" for ST Crolles CR300 (France) - "9R" for TSMC Fab14 (Taiwan) Please refer to PCN 10333 – Additional information attached document.
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**7. Timing / schedule**

<b>7.1 Date of qualification results</b>	2018-03-02
<b>7.2 Intended start of delivery</b>	2018-03-02
<b>7.3 Qualification sample available?</b>	Not Applicable

8. Qualification / Validation			
8.1 Description	10333 MDG-MCD RER1715 PCN10333 TSMC Taiwan additional source for STM32 product....pptx		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2017-11-17

9. Attachments (additional documentations)
10333 Public product.pdf 10333 PCN10333_Division Note M10 Additional Source.pdf 10333 MDG-MCD RER1715 PCN10333 TSMC Taiwan additional source for STM32 product....pptx 10333 PCN10333_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
	STM32F405RGT6	
	STM32F407IGH6	
	STM32F407IGT6	
	STM32F407VGT6	

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