


**PRODUCT / PROCESS CHANGE NOTIFICATION**

**1. PCN basic data**

<b>1.1 Company</b>		STMicroelectronics International N.V
<b>1.2 PCN No.</b>	MDG/17/10544	
<b>1.3 Title of PCN</b>	TSMC (Taiwan) additional source for STM32F400x 256K products in M10/90nm technology	
<b>1.4 Product Category</b>	STM32F401xB & STM32F401xC products in M10/90nm technology	
<b>1.5 Issue date</b>	2017-12-21	

**2. PCN Team**

<b>2.1 Contact supplier</b>	
<b>2.1.1 Name</b>	MARCELI SMIALKOWSKI
<b>2.1.2 Phone</b>	+44 1628896277
<b>2.1.3 Email</b>	marceli.smialkowski@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 source: - ST Crolles CRL300 (France)	Front-end sources: - ST Crolles CRL300 (France) - Existing source - TSMC Fab14 (Taiwan) - Additional source - There is no change in the product functionality. Please refer to PCN 10544 – 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 CRL300 (France) - "9R" for TSMC Fab14 (Taiwan) Please refer to PCN 10544 – Additional information attached document.
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**7. Timing / schedule**

<b>7.1 Date of qualification results</b>	2018-04-20
<b>7.2 Intended start of delivery</b>	2018-04-20
<b>7.3 Qualification sample available?</b>	Not Applicable

**8. Qualification / Validation**

<b>8.1 Description</b>	10544 MDG-MCD RER1715 PCN10333 PCN10544 TSMC Taiwan.pdf
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8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2017-12-21
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<b>9. Attachments (additional documentations)</b>
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10544 Public product.pdf 10544 PCN10544_Division Note M10 Additional Source.pdf 10544 MDG-MCD RER1715 PCN10333 PCN10544 TSMC Taiwan.pdf 10544 PCN10544_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
	STM32F401VCT6	

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## Public Products List

Public Products are off the shelf products. They are not dedicated to specific customers, they are available through ST Sales team, or Distributors, and visible on ST.com

**PCN Title :** TSMC (Taiwan) additional source for STM32F400x 256K products in M10/90nm technology

**PCN Reference :** MDG/17/10544

**Subject :** Public Products List

Dear Customer,

Please find below the Standard Public Products List impacted by the change.

STM32F401RCT6TR	STM32F401CCU6TR	STM32F401CBU7
STM32F401VBH6	STM32F401CCU6	STM32F401CBU6
STM32F401CBU6TR	STM32F401VCH6	STM32F401VCT7
STM32F401VBH3	STM32F401RBT6	STM32F401RCT7TR
STM32F401CCU7	STM32F401VCH7	STM32F401VBT6
STM32F401VBT6TR	STM32F401RCT7	STM32F401CCF6TR
STM32F401RCT6	STM32F401RBT6TR	STM32F401VCT6
STM32F401CCY6TT	STM32F401CBU3	STM32F401CCY6TR



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