


# PRODUCT / PROCESS CHANGE NOTIFICATION

## 1. PCN basic data

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

## 2. PCN Team

2.1 Contact supplier	
2.1.1 Name	MARCELI SMIALKOWSKI
2.1.2 Phone	+44 1628896277
2.1.3 Email	marceli.smialkowski@st.com
2.2 Change responsibility	
2.2.1 Product Manager	Michel BUFFA
2.1.2 Marketing Manager	Veronique BARLATIER
2.1.3 Quality Manager	Pascal NARCHE

## 3. Change

3.1 Category	3.2 Type of change	3.3 Manufacturing Location
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

	Old	New
4.1 Description	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.
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	no change	

## 5. Reason / motivation for change

5.1 Motivation	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.
5.2 Customer Benefit	CAPACITY INCREASE

## 6. Marking of parts / traceability of change

6.1 Description	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

7.1 Date of qualification results	2018-03-02
7.2 Intended start of delivery	2018-03-02
7.3 Qualification sample available?	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
	STM32F205RBT6TR	
	STM32F205RCT6	
	STM32F205REY6TR	
	STM32F205VCT6	
	STM32F205VCT6TR	
	STM32F205VET6TR	
	STM32F205VGT6	
	STM32F205ZET6	
	STM32F205ZGT6TR	
	STM32F207VGT6	
	STM32F407IGH6	
	STM32F407VGT6	

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## Public Products List

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**PCN Title :** TSMC (Taiwan) additional source for STM32F209 1MB & STM32F46 1MB products in M10/90nm technology

**PCN Reference :** MDG/17/10333

**Subject :** Public Products List

Dear Customer,

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

STM32F207VCT7	STM32F205VGT6W	STM32F205VCT7TR
STM32F217IGT6	STM32F207IFH6TR	STM32F207IGT6U
STM32F405RGT6TR	STM32F205RGT6TR	STM32F405OEY6TR
STM32F407ZGT7	STM32F217VGT6	STM32F217VET6TR
STM32F207VCT6TR	STM32F207ZFT6	STM32F407VGT7
STM32F205RBT6TR	STM32F205RBT6	STM32F215RGT6
STM32F405RGT7TR	STM32F217VGT6TR	STM32F405VGT6J
STM32F217ZGT6	STM32F205VFT6TR	STM32F205VBT6
STM32F205VGT6V	STM32F405ZGT6V	STM32F207VGT6U
STM32F415RGT6	STM32F217IET6	STM32F405VGT6W
STM32F215RGT6TR	STM32F205VET6TR	STM32F207IGT7
STM32F205RET6	STM32F207ZET6	STM32F407IET6
STM32F205VFT6	STM32F417IGT6	STM32F205RGE6TR
STM32F417IET6	STM32F217VET6	STM32F205ZGT6W
STM32F207VGT6J	STM32F417ZGT6	STM32F205VCT7
STM32F205VGT6J	STM32F407IGH6	STM32F417IGH6TR
STM32F207IET6	STM32F407IEH6	STM32F207VFT6TR
STM32F205VET7	STM32F207VET6	STM32F205RGT7
STM32F415VGT6	STM32F205ZCT6TR	STM32F205VET6
STM32F205ZGT6J	STM32F407VET6	STM32F207VCT6
STM32F205RFT6	STM32F407IEH6TR	STM32F205RET6TR
STM32F215ZGT6	STM32F207ZCT7	STM32F415RGT6TR
STM32F205RGT6TR	STM32F207IGH6TR	STM32F407VGT6J
STM32F205ZCT6	STM32F407ZGT6J	STM32F407ZET6
STM32F207VET6TR	STM32F217ZET7	STM32F405ZGT6
STM32F207IFT6	STM32F205RGT6	STM32F407IGT7
STM32F205ZET7	STM32F407IGT6	STM32F405ZGT6J
STM32F407IGH6TR	STM32F207VGT6TR	STM32F207ZGT6J
STM32F407IEH7	STM32F217IGH6	STM32F417VGT6TR
STM32F417VET6	STM32F207VFT6	STM32F215ZGT7TR
STM32F207ICT6	STM32F215VGT6	STM32F217ZET6
STM32F207ZGT6	STM32F207ICH6	STM32F207ZGT6TR
STM32F215VGT7	STM32F207ZGT7	STM32F205VCT6
STM32F407IGH7	STM32F217IGH6U	STM32F205ZGT6TR
STM32F205VCT6TR	STM32F415ZGT6	STM32F207IEH6TR
STM32F407IGH6J	STM32F405VGT6TR	STM32F215VET6



## Public Products List

STM32F205VGT6	STM32F407VGT6	STM32F417IGT7
STM32F205VGT6TR	STM32F417VGT7	STM32F205RET7
STM32F417IGH6	STM32F215RET6	STM32F207VGT6
STM32F405RGT6W	STM32F205ZGT6	STM32F205RET7TR
STM32F407VET6TR	STM32F205VGT7	STM32F207IGH6U
STM32F205RGT6	STM32F207IGH7	STM32F405VGT6V
STM32F207IEH6	STM32F205RFT6TR	STM32F417VGT6
STM32F405RGT7	STM32F205VGT7TR	STM32F405ZGT7
STM32F405RGT6	STM32F217IGT7	STM32F415VGT6TR
STM32F207VGT7	STM32F407ZET7	STM32F207IGH6J
STM32F207ZCT6	STM32F205ZET6	STM32F205VET7TR
STM32F207IFH6	STM32F217IEH6	STM32F207IGT6
STM32F207ZCT7TR	STM32F215RET6TR	STM32F205RCT7
STM32F205ZET7TR	STM32F207ZGT6U	STM32F417ZET6
STM32F205RBT7	STM32F205ZCT7TR	STM32F205REY6TR
STM32F417IEH6	STM32F215ZGT7	STM32F405VGT7TR
STM32F405VGT7	STM32F405VGT6	STM32F407VGT6TR
STM32F215ZET6TR	STM32F405OGY6TR	STM32F215ZET6
STM32F207IGH6	STM32F205ZFT6	STM32F407ZGT6
STM32F415OGY6TR	STM32F207ZET6TR	STM32F205ZGT7
STM32F205ZCT7	STM32F205RGY6TR	STM32F407VGT7TR
STM32F205ZET6TR	STM32F407ZGT6TR	STM32F417VET6TR
STM32F205RGT6W	STM32F205RGT6V	STM32F417IGH6W
STM32F205ZGT6V	STM32F405OGY6VTR	STM32F405RGT6V
STM32F405ZGT6W	STM32F405OGY6WTR	



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