


PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	MDG/18/10595	
1.3 Title of PCN	TSMC (Taiwan) additional source for STM32F427/9 & STM32F437/9 products in M10/90nm technology	
1.4 Product Category	STM32F427/9 & STM32F437/9 products in M10/90nm technology	
1.5 Issue date	2018-03-13	

2. PCN Team

2.1 Contact supplier	
2.1.1 Name	MARCELI SMIALKOWSKI
2.1.2 Phone	+44 1628896277
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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 source: - ST Crolles CRL300 (France) - ST Rousset 8" (France)	Front-end sources: - ST Crolles CRL300 (France) - Existing source - ST Rousset 8" (France) - Existing source - TSMC Fab14 (Taiwan) - Additional source - There is no change in the product functionality. Please refer to PCN 10595 – Additional information attached document.
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: - "VQ" for ST Crolles CRL300 (France) - "VG" for ST Rousset 8" (France) - "9R" for TSMC Fab14 (Taiwan) Please refer to PCN 10595 – Additional information attached document.
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7. Timing / schedule

7.1 Date of qualification results	2018-06-22
7.2 Intended start of delivery	2018-06-22
7.3 Qualification sample available?	Not Applicable

8. Qualification / Validation			
8.1 Description	10595 MDG-MCD RER1715 PCN10333 - PCN10544 PCN10595 TSMC Taiwan.pptx		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2018-03-13

9. Attachments (additional documentations)
10595 Public product.pdf 10595 PCN10595_Division Note M10 Additional Source.pdf 10595 MDG-MCD RER1715 PCN10333 - PCN10544 PCN10595 TSMC Taiwan.pptx 10595 PCN10595_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
	STM32F437IIT6	
	STM32F439ZGT6	
	STM32F429BIT7	

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Public Products List

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PCN Title : TSMC (Taiwan) additional source for STM32F427/9 & STM32F437/9 products in M10/90nm technology

PCN Reference : MDG/18/10595

Subject : Public Products List

Dear Customer,

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

STM32F437VIT6WTR	STM32F429ZIY6JTR	STM32F427IGH6TR
STM32F437IGT6	STM32F439ZGY6TR	STM32F429NIH6
STM32F439NGH6	STM32F439IIH6TR	STM32F429BGT6
STM32F427AIH6	STM32F439AIH6	STM32F427IIT7
STM32F437IIT7	STM32F429ZIT6TR	STM32F429IEH6
STM32F427IIH6	STM32F427AGH6	STM32F427IGT6
STM32F429ZET6	STM32F429VGT6	STM32F427IIH6TR
STM32F427ZGT6	STM32F439BIT6U	STM32F427IGH6
STM32F429BIT7	STM32F439ZIT6	STM32F439NIH6
STM32F429NIH6TR	STM32F437AIH6	STM32F429NGH6
STM32F427IIT6	STM32F437VIT7TR	STM32F427ZIT6TR
STM32F437IIT6	STM32F429BIT6U	STM32F427VIT7TR
STM32F437VIT7	STM32F437ZIT7	STM32F427ZIT7TR
STM32F429VIT6E	STM32F439ZGT6	STM32F439IIH6
STM32F429NEH6	STM32F429IET6	STM32F439IGH6
STM32F439IIH7	STM32F429ZIY6TR	STM32F429ZGT6TR
STM32F437ZGT6	STM32F429IGT6	STM32F427IIH7
STM32F439VIT6	STM32F429AGH6	STM32F429IIT6
STM32F429VET6	STM32F437IGH6	STM32F429IGH6
STM32F429VGT6TR	STM32F427VIT6	STM32F439IGT6
STM32F437VIT6	STM32F439VGT6	STM32F437IIH6TR
STM32F429VET6TR	STM32F427IGH7	STM32F437ZIT7TR
STM32F429NIH6G	STM32F437ZIT6	STM32F429IIT6J
STM32F429VIT6	STM32F429NIH7	STM32F437IIH6
STM32F429ZGT6	STM32F439IIT6	STM32F429NIH6J
STM32F429ZET6TR	STM32F429IIH6	STM32F427VGT6TR
STM32F437VIT6TR	STM32F429ZIT6	STM32F427ZIT6
STM32F427VGT6	STM32F439BIT6	STM32F439ZIY6TR
STM32F429IIH6TR	STM32F437AIH6TR	STM32F429VIT6TR
STM32F429ZIT6G	STM32F437VGT7TR	STM32F429ZGY6TR
STM32F437VGT7	STM32F429ZIT6E	STM32F427VIT6TR
STM32F429BIT6	STM32F437VGT6	STM32F427ZIT7
STM32F429NIH6E	STM32F429AIH6	STM32F429BET6
STM32F429VIT6G	STM32F439BGT6	



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