

PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	MDG/16/9902	
1.3 Title of PCN	STM32F43x 2Mb products - Rousset manufacturing additional plant and mask adjustment	
1.4 Product Category	STM32F427 & STM32F429 & STM23F437 & STM23F439 products, except products in WLCSP package.	
1.5 Issue date	2016-12-16	

2. PCN Team

2.1 Contact supplier	
2.1.1 Name	ROBERTSON HEATHER
2.1.2 Phone	+1 8475853058
2.1.3 Email	heather.robertson@st.com
2.2 Change responsibility	
2.2.1 Product Manager	Michel BUFFA
2.1.2 Marketing Manager	Daniel COLONNA
2.1.3 Quality Manager	Pascal NARCHE

3. Change

3.1 Category	3.2 Type of change	3.3 Manufacturing Location
Transfer	Product transfer from one site to another site, even if test or process line is qualified	ST Rousset R8 (France) & ST Crolles CR300 (France)

4. Description of change

	Old	New
4.1 Description	Crolles manufacturing plant runs in rev 3.	Crolles manufacturing plant will run in rev 4. Rousset additional manufacturing plant will run in rev B. There is no change in the product functionality. Minor mask adjustment for yield purpose will be implemented on both production sites.
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	no change	

5. Reason / motivation for change

5.1 Motivation	The purpose of this change is to improve manufacturing efficiency and flexibility through the addition of a second front-end source, and minor mask adjustment. Objective is to maintain a high level of customer service.
5.2 Customer Benefit	MANUFACTURING FLEXIBILITY

6. Marking of parts / traceability of change

6.1 Description	The die revisions are visible on package marking. Refer to PCN9902_Additional information document attached.
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7. Timing / schedule

7.1 Date of qualification results	2017-04-30
7.2 Intended start of delivery	2017-05-30
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description	PCN9902_Die_419XXX4_CR300_419XXXB_R8_Qualification_plan.pdf
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8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2016-12-16
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9. Attachments (additional documentations)
9902 Public product.pdf 9902 PCN9902_Additional information.pdf PCN9902_Die_419XXX4_CR300_419XXXB_R8_Qualification_plan.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
	STM32F427AGH6	
	STM32F427AIH6	
	STM32F427IIT6	
	STM32F427VIT6	
	STM32F427ZIT6	
	STM32F429AGH6	
	STM32F429AIH6	
	STM32F429IIH6	
	STM32F429IIT6	
	STM32F429VIT6	
	STM32F429ZIT6	
	STM32F437VGT6	



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 : STM32F43x 2Mb products - Rousset manufacturing additional plant and mask adjustment

PCN Reference : MDG/16/9902

Subject : Public Products List

Dear Customer,

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

STM32F429VGT6	STM32F437IIT7	STM32F427VIT6
STM32F439BIT6U	STM32F429BIT6U	STM32F439NIH6
STM32F429ZIT6	STM32F427VIT6TR	STM32F429IGT6
STM32F429NIH6J	STM32F427IGH6TR	STM32F427AIH6
STM32F427IIH6	STM32F439IIH7	STM32F427IIH6TR
STM32F427IGT6	STM32F427IIT7	STM32F427ZIT6
STM32F439IIH6TR	STM32F429VIT6TR	STM32F429BIT6
STM32F427IIT6	STM32F437IIH6TR	STM32F427IIH7
STM32F429IIH6TR	STM32F429NGH6	STM32F429NIH6TR
STM32F437VGT7TR	STM32F437IGH6	STM32F429IGH6
STM32F439BGT6	STM32F437IIH6	STM32F439VIT6U
STM32F439IIT6	STM32F429NIH7	STM32F437IIT6
STM32F439BIT6	STM32F427AGH6	STM32F429VET6
STM32F439ZGT6	STM32F429VIT6	STM32F429IIT6J
STM32F437ZIT7TR	STM32F439NGH6	STM32F427ZIT7
STM32F429IIH6	STM32F429AIH6	STM32F437AIH6
STM32F429IEH6	STM32F429NIH6	STM32F437VGT6
STM32F429ZIT6TR	STM32F437VIT6	STM32F429BIT7
STM32F429VET6TR	STM32F439IGT6	STM32F427ZIT6TR
STM32F429IET6	STM32F437IGT6	STM32F437ZIT6
STM32F437VIT7	STM32F427VIT7TR	STM32F437ZIT7
STM32F439AIH6	STM32F429BET6	STM32F429VIT6U
STM32F427IGH6	STM32F439ZIT6	STM32F427VGT6
STM32F439IIH6	STM32F439IGH6	STM32F437VIT6WTR
STM32F429ZET6	STM32F437ZGT6	STM32F437VIT7TR
STM32F439NIH6U	STM32F427ZIT7TR	STM32F429IIT6
STM32F439VIT6	STM32F437VIT6TR	STM32F429NEH6
STM32F427ZGT6	STM32F439VGT6	STM32F429AGH6
STM32F437VGT7	STM32F429ZGT6	STM32F429BGT6
STM32F429VGT6TR		



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