


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	FRANK WOLINSKI
2.1.2 Phone	+49 89460062287
2.1.3 Email	frank.wolinski@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
	STM32F439NIH6U	

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