


**PRODUCT / PROCESS CHANGE NOTIFICATION**

**1. PCN basic data**

<b>1.1 Company</b>		STMicroelectronics International N.V
<b>1.2 PCN No.</b>	MMS/15/9045	
<b>1.3 Title of PCN</b>	ST Muar (Malaysia) additional source - UFBGA7x7 and UFBGA10x10 products	
<b>1.4 Product Category</b>	Products assembled in UFBGA7x7 and UFBGA10x10 packages.	
<b>1.5 Issue date</b>	2015-12-21	

**2. PCN Team**

<b>2.1 Contact supplier</b>	
<b>2.1.1 Name</b>	MARSHALL DAVE
<b>2.1.2 Phone</b>	
<b>2.1.3 Email</b>	dave.marshall@st.com
<b>2.2 Change responsibility</b>	
<b>2.2.1 Product Manager</b>	Michel BUFFA
<b>2.1.2 Marketing Manager</b>	Daniel COLONNA
<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 of a full process or process brick (process step, control plan, recipes) from one site to another site	Assembly site	Amkor ATK (Korea), Amkor ATP (Philippines), ST Muar (Malaysia)

**4. Description of change**

	<b>Old</b>	<b>New</b>
<b>4.1 Description</b>	Current assembly sites : Amkor ATK (Korea) & Amkor ATP (Philippines)	In order to sustain the strong demand on STM32 devices and provide a better service to our customers, ST Microcontrollers Division will qualify ST Muar (Malaysia) as an additional manufacturing site for products assembled in UFBGA7x7 and UFBGA10x10 packages. BOM change are described in 9045_Detailed description document attached.
<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, Microcontrollers Division decided to qualify an additional source to maintain state of the art service level to our customers, improving flexibility on manufacturing sites, thanks to extra capacity.
<b>5.2 Customer Benefit</b>	DOUBLE SOURCING

**6. Marking of parts / traceability of change**

<b>6.1 Description</b>	See in 9045_Detailed description document attached.
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**7. Timing / schedule**

<b>7.1 Date of qualification results</b>	2016-02-05
<b>7.2 Intended start of delivery</b>	2016-03-21
<b>7.3 Qualification sample available?</b>	Upon Request

**8. Qualification / Validation**

<b>8.1 Description</b>	9045_qual plan_RERMCD1513 reliability plan for MUAR UFBGA7x7 10x10 - N .pdf
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8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2015-12-21
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<b>9. Attachments (additional documentations)</b>
9045PpPrdtLst.pdf 9045_Detailed description.pdf 9045_qual plan_RERMCD1513 reliability plan for MUAR UFBGA7x7 10x10 - N .pdf

<b>10. Affected parts</b>		
<b>10.1 Current</b>		<b>10.2 New (if applicable)</b>
<b>10.1.1 Customer Part No</b>	<b>10.1.2 Supplier Part No</b>	<b>10.1.2 Supplier Part No</b>
2488303	STM32F427AGH6	
2488304	STM32F427AIH6	
2488306	STM32F429AIH6	
2488315	STM32F446ZEH6	
2484977	STM32F746IGK6	
2484980	STM32F756IGK6	
2488349	STM32L151VBH6D	
	STM32L476QEI6	
	STM32L476QGI6	
	STM32L486QGI6	
2503270	STM32F469AIH6	
2503244	STM32F091VCH7	
2503273	STM32F479AIH6	
2488316	STM32F446ZEJ6	
2503277	STM32F745IEK6	
2503279	STM32F745IGK6	
2503286	STM32F746IEK6	

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