


**PRODUCT / PROCESS CHANGE NOTIFICATION**

**1. PCN basic data**

<b>1.1 Company</b>		STMicroelectronics International N.V
<b>1.2 PCN No.</b>	MMS/16/9160	
<b>1.3 Title of PCN</b>	ST Calamba Philippines additional source for STM8S/L & STM32 products in UFQFPN 4x4, 5x5 & 7x7 packages	
<b>1.4 Product Category</b>	STM8S/L STM32 products in UFQFPN 4x4, 5x5 & 7x7 packages	
<b>1.5 Issue date</b>	2016-04-07	

**2. PCN Team**

<b>2.1 Contact supplier</b>	
<b>2.1.1 Name</b>	SETTLES JEFF
<b>2.1.2 Phone</b>	+44 1628896222
<b>2.1.3 Email</b>	jeff.settles@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>
Materials	Any change on substrate (part number, supplier, plant, design or composition of any layer...)	STATS ChipPAC Shanghai China, ST Calamba Philippines

**4. Description of change**

	<b>Old</b>	<b>New</b>
<b>4.1 Description</b>	Current manufacturing site : STATS ChipPAC Shanghai China (this site remains)	Additional manufacturing site : ST Calamba Philippines BOM change are described in 9160_Additional information attached document.
<b>4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?</b>	Form : lead color and surface finish change depending on lead finishing. Package darkness changes depending on molding. See in 9160_Additional information attached document.	

**5. Reason / motivation for change**

<b>5.1 Motivation</b>	ST Microcontrollers Division decided to qualify an additional source to maintain best in class service level to our customers, improving flexibility on manufacturing sites.
<b>5.2 Customer Benefit</b>	DOUBLE SOURCING

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

<b>6.1 Description</b>	See more detail in 9160_Additional information attached document.
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**7. Timing / schedule**

<b>7.1 Date of qualification results</b>	2016-07-08
<b>7.2 Intended start of delivery</b>	2016-08-08
<b>7.3 Qualification sample available?</b>	Upon Request

**8. Qualification / Validation**

<b>8.1 Description</b>	9160_RERMCD1602 reliability plan.pdf		
<b>8.2 Qualification report and qualification results</b>	Available (see attachment)	<b>Issue Date</b>	2016-04-07

**9. Attachments (additional documentations)**

9160PpPrdtLst.pdf  
9160\_Additional information.pdf  
9160\_RERMCD1602 reliability 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
	STM32F071C7U7TR	
	STM32F103C6U6A	
	STM8L152C6U6	
	STM8S105K4U6ATR	

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