


**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>	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>
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.
------------------------	---

**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
2456959	STM32F091CUB6	
2456960	STM32F091CCU6	
2456961	STM32F091CCU7	
2503245	STM32F098CCU6	
2503251	STM32F301K8U7	
2456965	STM32F411CEU6	
2503258	STM32F411CEU7	
2488322	STM32L051K8U3	
2488323	STM32L051K8U6	
2488324	STM32L051K8U7	
2488335	STM32L052K8U6	
2488346	STM32L062K8U6	
2503323	STM8L151C6U6TR	
2518133	STM32F318K8U7	
2518134	STM32F410CUB6	
2518144	STM32L071KZU6	

**IMPORTANT NOTICE – PLEASE READ CAREFULLY**

STMicroelectronics NV and its subsidiaries (“ST”) reserve the right to make changes, corrections, enhancements, modifications, and improvements to ST products and/or to this document at any time without notice. Purchasers should obtain the latest relevant information on ST products before placing orders. ST products are sold pursuant to ST’s terms and conditions of sale in place at the time of order acknowledgement.

Purchasers are solely responsible for the choice, selection, and use of ST products and ST assumes no liability for application assistance or the design of Purchasers’ products.

No license, express or implied, to any intellectual property right is granted by ST herein.

Resale of ST products with provisions different from the information set forth herein shall void any warranty granted by ST for such product.

ST and the ST logo are trademarks of ST. All other product or service names are the property of their respective owners.

Information in this document supersedes and replaces information previously supplied in any prior versions of this document.

© 2016 STMicroelectronics – All rights reserved