


**PRODUCT / PROCESS CHANGE NOTIFICATION**

**1. PCN basic data**

<b>1.1 Company</b>		STMicroelectronics International N.V
<b>1.2 PCN No.</b>	MDG/16/9829	
<b>1.3 Title of PCN</b>	Update PCN 9160 in UFQFPN 4x4 package only - ST Calamba Philippines additional source for STM8S/L & STM32 products	
<b>1.4 Product Category</b>	UFQFPN 4x4 package only. UFQFPN 5x5 and 7x7 packages unchanged as PCN 9160.	
<b>1.5 Issue date</b>	2016-06-14	

**2. PCN Team**

<b>2.1 Contact supplier</b>	
<b>2.1.1 Name</b>	ROBERTSON HEATHER
<b>2.1.2 Phone</b>	+1 8475853058
<b>2.1.3 Email</b>	heather.robertson@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>	Die attach Glue : Ablestick 8006NS	Die attach Glue : TAPE LOCTITE ABLESTIK ATBF125E PCN 9829 addendum to PCN 9160 See 9829_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 9829_Additional information attached document.	

**5. Reason / motivation for change**

<b>5.1 Motivation</b>	ST Calamba Philippines will directly qualify a better Die attach Glue material.
<b>5.2 Customer Benefit</b>	QUALITY IMPROVEMENT

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

<b>6.1 Description</b>	See more detail in 9829_Additional information attached document.
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**7. Timing / schedule**

<b>7.1 Date of qualification results</b>	2016-10-21
<b>7.2 Intended start of delivery</b>	2016-11-21
<b>7.3 Qualification sample available?</b>	Upon Request

**8. Qualification / Validation**

<b>8.1 Description</b>	PCN9829_RERMCD1602 reliability plan for ST Calamba UFQFPN 4x4.pdf		
<b>8.2 Qualification report and qualification results</b>	Available (see attachment)	<b>Issue Date</b>	2016-06-14

**9. Attachments (additional documentations)**

9829PpPrdtLst.pdf  
9829\_Additional information.pdf  
PCN9829\_RERMCD1602 reliability plan for ST Calamba UFQFPN 4x4.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
	STM32F031G4U6	
	STM32F031G6U6	
	STM8L151G3U6	
	STM8L151G4U6	
	STM8L151G6U6	



## Public Products List

**PCN Title** : Update PCN 9160 in UFQFPN 4x4 package only - ST Calamba Philippines additional source for STM8S/L & STM32 products

**PCN Reference** : MDG/16/9829

**PCN Created on** : 30-May-2016

**Subject** : Public Products List

Dear Customer,

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

STM32L031G6U7	STM32L011G4U6	STM32F031G6U6TR
STM32F031G6U7	STM8L151G6U6TR	STM32F038G6U6
STM8L151G6U3	STM8L151G2U6	STM8L151G4U6
STM8L101G3U6	STM8L151G3U6	STM8L151G6U7TR
STM32F031G4U6TR	STM8TL52G4U6	STM8L151G4U3
STM8TL53G4U6	STM32L031G6U6TR	STM8L101G3U6A
STM32F042G4U6	STM32F031G4U6	STM32F031G6U6
STM32L031G6U6	STM32F031G4U7TR	STM8L151G6U6
STM32F031G4U7	STM32F042G6U6	STM8L151G3U6TR
STM32F048G6U6	STM8L101G3U6TR	STM32L021G4U6
STM8L151G3U3	STM8L101G2U6	STM8TL53G4U6TR
STM32L041G6U7	STM32L031G4U6	STM8L151G4U6TR
STM32L011G3U6	STM8L151G6U7	STM8L101G2U6A
STM8L151G6U3TR	STM8L101G2U6TR	



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