

PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

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

2. PCN Team

2.1 Contact supplier	
2.1.1 Name	ROBERTSON HEATHER
2.1.2 Phone	+1 8475853058
2.1.3 Email	heather.robertson@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
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

	Old	New
4.1 Description	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.
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	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

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

6. Marking of parts / traceability of change

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

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

8. Qualification / Validation

8.1 Description	9160_RERMCD1602 reliability plan.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	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
	STM32F031G4U6	
	STM32F031G6U6	
	STM32F031K4U6	
	STM32F031K6U6	
	STM32F051K4U6	
	STM32F051K4U6TR	
	STM32F051K6U6	
	STM32F051K8U6	
	STM32F072CBU6	
	STM32F091CCU6	
	STM32F302K8U6	
	STM32F410CBU6	
	STM32F411CEU6	
	STM32L151C6U6	
	STM32L151C8U6	
	STM32L151CBU6	
	STM32L151CCU6	
	STM32L152C8U6	
	STM32L152CBU6	
	STM8L151C8U6	
	STM8L151G3U6	
	STM8L151G4U6	
	STM8L151G6U6	
	STM8L151K3U6	
	STM8L151K4U6	
	STM8L151K6U6	
	STM8L152K6U6	
	STM8S103K3U6	
	STM8S105K6U6A	
	STM8TL53C4U6	



Public Products List

PCN Title : ST Calamba Philippines additional source for STM8S/L & STM32 products in UFQFPN 4x4, 5x5 & 7x7 packages

PCN Reference : MMS/16/9160

PCN Created on : 23-Mar-2015

Subject : Public Products List

Dear Customer,

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

STM32L432KC6U6	STM32F031G6U6TR	STM8L151C8U3
STM32F051K8U7TR	STM32L151C8U6TR	STM32L051K8U7TR
STM32L152C6U6A	STM8L151G6U6TR	STM32F401CCU6TR
STM32L041G6U7	STM32F031G4U6	STM32F078CBU6
STM8S103K3U6	STM32L052K8U6	STM32L011K3U6
STM8TL53G4U6TR	STM32L051K6U6	STM8S105K4U6A
STM8L151C8U6	STM32F051K6U6	STM32L442KC6U6
STM32L151CBU6TR	STM32F051K4U6TR	STM32F031K6U6
STM32L011G3U6	STM32L052K8U6TR	STM32F042K6U6
STM8L151G4U6TR	STM32F401CBU6	STM32F301K8U7
STM32F031G6U6	STM8L152C4U6	STM8L101G3U6A
STM32F042G6U6	STM32L151C6U6ATR	STM32F042K6U7
STM32F301K6U6	STM32L151C8U6	STM8S903K3U6TR
STM32F072C8U7	STM8TL53G4U6	STM32F072CBU6TR
STM32L041K6U6	STM32L041K6U7	STM32L062K8U6
STM8L151K6U6	STM32L151CBU6A	STM32F411CEU7
STM8L101G2U6A	STM32L100C6U6A	STM32F031K6U7
STM32F042C6U7	STM8S903K3U3	STM32L011K4U6
STM32L052K8U6DTR	STM8L101K3U6	STM32F103CBU6
STM8L151C4U6	STM32L021G4U6	STM32F302K6U6
STM32F071CBU7	STM32F051K4U7TR	STM32F051K6U7TR
STM32F051C8U7	STM8L151C6U3	STM32F410C8U6
STM32F051C4U6	STM32L031K6U7	STM8S105K6U6ATR
STM32L151CCU6TR	STM32F103CBU6TR	STM32L071KZU6
STM32L031K4U6TR	STM8L101K3U6TR	STM8L151K3U3
STM32F071CBU6	STM32F098CCU6	STM32L051K8U7
STM32F318K8U6	STM32F411CEU6	STM32F038K6U6
STM32F051C6U6	STM8S903K3U3TR	STM32F058C8U6
STM32L151CBU6	STM8S105K4U6ATR	STM32F031G4U7
STM32L041K6U6D	STM32L052K8U6D	STM32L071KB6U6
STM32F072C8U6	STM32F051K6U7	STM32F051K8U6TR
STM32F048C6U6	STM32F051K8U7	STM8L151G3U6
STM8L151K4U6	STM8L152C6U3	STM32L100C6U6
STM8L151G2U6	STM32L152CCU6	STM32F101CBU6
STM8L151K2U6	STM8L151G6U3	STM32L081KZU6
STM8L101G3U6	STM32F091CCU6	STM32F031G6U7
STM32F401CCU6	STM32L031G6U7	STM32F071CBU7TR



Public Products List

STM8L101G2U6	STM8L151K6U3	STM32L433CCU6
STM32L051K8U3	STM8L151K3U3TR	STM32L051K6U6TR
STM8L151C4U6TR	STM32L151CCU6	STM32L071KBU3
STM8L152C6U6	STM32F101CBU6TR	STM8TL52G4U6
STM32L082KZU6	STM8L151K6U6TR	STM32F048G6U6
STM32L100C6U6ATR	STM32L052K8U3TR	STM8L151G4U6
STM32F401CDU6	STM8S903K3U6	STM32F042G4U6
STM32L151C6U6A	STM32F302K8U6TR	STM8TL53C4U6
STM32F031G4U7TR	STM32L152C8U6A	STM32L443CCU6
STM32L051K8U6TR	STM32L152CBU6	STM32F410CBU6
STM32F302K8U6	STM32L031K6U6TR	STM8L151G6U3TR
STM32L031G6U6	STM32F042C6U6	STM8S105K6U6A
STM8S103K3U6TR	STM32F051K6U6TR	STM32L052K8U3
STM32F091CCU7	STM32L151CBU6D	STM32F031K4U6
STM32L071KZU3	STM32F091CCU6TR	STM8L151K4U6TR
STM8L151G3U3	STM32L011G4U6	STM32L152C8U6
STM32F051K4U7	STM32F051C8U6TR	STM32L071K8U6
STM32F301K6U7	STM32L152C6U6	STM32L051K8U6
STM8L151K3U6	STM8L152K4U6	STM32F401CBU7
STM32L072KBU7	STM32F042K4U6	STM32F302K8U7
STM32L031G4U6	STM32F401CDU6TR	STM8L152K6U6TR
STM8L151G3U6TR	STM32F071CBU6TR	STM32L072KBU6
STM8L101G2U6TR	STM8L151G6U7TR	STM32F051C8U6
STM32F072C8U6TR	STM32F031G4U6TR	STM32L151C8U6A
STM32L082KBU6	STM32F091CBU6	STM8L151G6U7
STM32L152CBU6A	STM32F072CBU6	STM8L151G6U6
STM32L072KZU6	STM32F411CCU6TR	STM32L071K8U3
STM32L151C6U6TR	STM32F051K8U6	STM8L151G4U3
STM32L051K8U6DTR	STM32L151C6U6	STM8L152K6U6
STM32F103C6U6A	STM32F401CEU6	STM8L101G3U6TR
STM32L031K4U6	STM32F038G6U6	STM8L151C8U6TR
STM32F318K8U7	STM8L151C6U6	STM32L100C6U6TR
STM32L041K6U6TR	STM8L151C6U6TR	STM32F301K8U6
STM8L152C8U6	STM32F051K4U6	STM32L052K6U6TR



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