

PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	MMS/16/9511	
1.3 Title of PCN	ST Muar (Malaysia) additional back-end line - STM32 LQFP 14x14 selected products	
1.4 Product Category	STM32 LQFP 14x14 products selected and listed in the PCN	
1.5 Issue date	2016-04-22	

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...)	Amkor ATK (Korea), Amkor ATP (Philippines), ST Muar (Malaysia)

4. Description of change

	Old	New
4.1 Description	Current BOMs are described in 9511_Additionnal information attached document.	ST Microcontrollers Division will add a new ST Muar (Malaysia) back-end line. Additional BOM is described in 9511_Additionnal 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	

5. Reason / motivation for change

5.1 Motivation	Due to the success on the market of STM32 devices, ST Microcontrollers Division decided to qualify an additional line to maintain state of the art service level to our customers, improving flexibility on manufacturing sites, thanks to extra capacity.
5.2 Customer Benefit	CAPACITY INCREASE

6. Marking of parts / traceability of change

6.1 Description	See in 9511_Additional information document attached
------------------------	--

7. Timing / schedule

7.1 Date of qualification results	2016-08-01
7.2 Intended start of delivery	2016-09-01
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description	9511_RERMCD1604 reliability plan.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2016-04-22

9. Attachments (additional documentations)

9511PpPrdtLst.pdf
 9511_Additional information.pdf
 9511_RERMCD1604 reliability plan.pdf

10. Affected parts

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
	STM32F071VBT6	
	STM32F072VBT6	
	STM32F100V8T6B	
	STM32F100VBT6B	
	STM32F100VCT6B	
	STM32F100VDT6B	
	STM32F100VET6B	
	STM32F101VBT6	
	STM32F101VCT6	
	STM32F101VET6	
	STM32F101VFT6	
	STM32F103V8T6	
	STM32F103VBT6	
	STM32F103VCT6	
	STM32F103VDT6	
	STM32F103VET6	
	STM32F103VET7	
	STM32F103VFT6	
	STM32F103VFT6TR	
	STM32F103VGT6	
	STM32F105V8T6	
	STM32F105VBT6	
	STM32F105VCT6	
	STM32F105VCT7	
	STM32F107VCT6	
	STM32F205VBT6	
	STM32F205VCT6	
	STM32F205VET6	
	STM32F205VFT6	
	STM32F205VGT6	
	STM32F207VET6	
	STM32F207VFT6	
	STM32F207VGT7	
	STM32F215VGT6	
	STM32F217VET6	
	STM32F217VGT6	
	STM32F303VCT6	
	STM32F303VCT7	
	STM32F303VET6	
	STM32F358VCT6	
	STM32F373VCT6	
	STM32F401VCT6	
	STM32F405VGT6	
	STM32F407VET6	

	STM32F407VGT6	
	STM32F415VGT6	
	STM32F417VET6	
	STM32F417VGT6	
	STM32F427VIT6	
	STM32F429VIT6	
	STM32F437VGT6	
	STM32F446VET6	
	STM32F745VGT6	
	STM32F746VGT6	
	STM32L152VCT6	
	STM32L152VET6	
	STM32L471VGT6	
	STM32L475VGT6	
	STM32L476VET6	
	STM32L476VGT6	
	STM32L486VGT6	



Public Products List

PCN Title : ST Muar (Malaysia) additional back-end line - STM32 LQFP 14x14 selected products

PCN Reference : MMS/16/9511

PCN Created on : 05-Nov-2015

Subject : Public Products List

Dear Customer,

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

STM32F446VET7	STM32F078VBT6	STM32F401VDT6
STM32F103VET7TR	STM32F303VCT6TR	STM32F103VET7
STM32F401VCT6	STM32F103VCT6	STM32F205VGT6W
STM32L072VBT6	STM32F071V8T7	STM32F302VET6
STM32L071VZT6	STM32F101VFT6TR	STM32F217VGT6
STM32F101VET6	STM32F103VET6TR	STM32F103VDT6
STM32L476VET6	STM32F103VGT6J	STM32F101V8T6
STM32F100VDT6	STM32F205VCT7	STM32F437VIT6WTR
STM32F217VET6TR	STM32F100VET6	STM32F373VCT6
STM32L151VET6	STM32F101VDT6TR	STM32F103VGT6
STM32F401VCT7	STM32L151V8T6A	STM32F205VCT7TR
STM32F071VBT6	STM32F100VBT7B	STM32F373VBT6
STM32F745VGT6	STM32F100VCT6BTR	STM32F107VBT6
STM32F100VCT6	STM32F101VBT6	STM32L151VBT6A
STM32F101VCT6TR	STM32F401VBT6	STM32F103VDT7
STM32F205VGT7TR	STM32F101VCT6	STM32F303VCT7
STM32F103VFT6TR	STM32F407VET6	STM32F101VBT6TR
STM32F100VDT7B	STM32F100VDT6B	STM32F207VGT6J
STM32F101VDT6	STM32F205VGT6TR	STM32F103VDT6TR
STM32F101VGT6	STM32F417VGT6TR	STM32F071V8T6
STM32F071VBT6TR	STM32L443VCT6	STM32F207VCT7
STM32F105V8T6	STM32F105VBT6	STM32F427VIT6TR
STM32F105VCT6	STM32L071V8T6	STM32F302VCT6TR
STM32F100VBT6B	STM32F100VBT6BTR	STM32F303VCT6
STM32F745VET6	STM32F101VFT6	STM32F437VIT6TR
STM32F103V8T6TR	STM32F429VGT6	STM32L083VZT6
STM32L152VBT6A	STM32F105VCT6TR	STM32F207VCT6
STM32F302VDT6	STM32F107VCT6	STM32F103VBT7TR
STM32F100VET6BTR	STM32F103VFT7	STM32L162VET6
STM32L475VGT6	STM32F439VIT6	STM32L152V8T6A
STM32F103VCT6TR	STM32F437VIT6	STM32F100VCT6B
STM32L151VCT6TR	STM32F207VFT6TR	STM32L072VZT6
STM32F205VET7	STM32F103VET6	STM32F205VCT6
STM32F205VGT6V	STM32F417VGT7	STM32F217VGT6TR
STM32F101V8T6TR	STM32F103VBT7	STM32F427VIT6
STM32F411VCT6	STM32F417VET6	STM32F401VET6
STM32F373V8T6	STM32L152VDT6X	STM32F103VGT6TR



Public Products List

STM32L476VCT6	STM32F405VGT6J	STM32F446VCT6
STM32F105VCT6W	STM32F411VCT6TR	STM32F100V8T7B
STM32F207VFT6	STM32F405VGT7	STM32F103V8T6
STM32F302VDT6TR	STM32F205VBT6	STM32F429VIT6
STM32F103VBT6	STM32F302VBT6	STM32F205VGT7
STM32L152VET6	STM32L476VGT6	STM32F107VCT6TR
STM32F429VIT6U	STM32F398VET6	STM32F205VFT6TR
STM32F205VET6TR	STM32F405VGT6TR	STM32F207VGT6
STM32F405VGT6	STM32F105VCT6V	STM32F072V8T6
STM32F302VCT6	STM32F767VIT6	STM32F303VET6
STM32F205VET6	STM32F207VGT6TR	STM32F103VBT6TR
STM32F100V8T6B	STM32F071V8T6TR	STM32F302VBT6TR
STM32F378VCT6	STM32F439VGT6	STM32F407VGT7TR
STM32F415VGT6	STM32F303VBT6TR	STM32L152VCT6
STM32L073VZT3	STM32F207VGT6U	STM32F072VBT6
STM32L073VZT6	STM32F103VGT7	STM32F405VGT7TR
STM32F205VGT6J	STM32F100VDT6BTR	STM32F217VET6
STM32F373VBT7	STM32F358VCT6	STM32F407VGT6
STM32F100VET7B	STM32F205VCT6TR	STM32F437VGT6
STM32F401VBT6TR	STM32F207VGT7	STM32F100VET6B
STM32F437VIT7TR	STM32F071V8T7TR	STM32F105VCT7
STM32L152VBT6ATR	STM32F215VET6	STM32L471VGT6
STM32F756VGT6	STM32F215VGT6	STM32F302VET6TR
STM32L073V8T6	STM32F303VBT6	STM32L071VBT6
STM32F205VFT6	STM32F439VIT6U	STM32F205VGT6
STM32L433VCT6	STM32F407VGT6J	STM32F303VDT6
STM32L083VBT6	STM32F207VET6TR	STM32F303VET6TR
STM32F427VIT7TR	STM32L162VCT6	STM32F437VGT7
STM32F207VCT6TR	STM32F103VFT6	STM32F407VET6TR
STM32F405VGT6W	STM32L073VBT6	STM32F429VET6TR
STM32F405VGT6V	STM32L072V8T6	STM32F437VIT7
STM32F207VET6	STM32F429VGT6TR	STM32L073VZT6D
STM32F303VET7	STM32F417VET6TR	STM32L486VGT6TR
STM32F411VET6	STM32L476VGT7	STM32L471VET6
STM32F415VGT6TR	STM32L475VCT6	STM32F746VGT6
STM32F446VET6	STM32F429VIT6TR	STM32F427VGT6
STM32F407VGT6TR	STM32F746VET6	STM32L486VGT6
STM32F429VET6	STM32L475VET6	STM32F746VGT7
STM32L151VCT6	STM32F437VGT7TR	STM32F407VGT7
STM32F417VGT6	STM32L083V8T6	



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.