


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	GOODMAN ROBERT
2.1.2 Phone	+1 6024856271
2.1.3 Email	robert.goodman@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
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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
	STM32F072VBT6	
	STM32F100V8T6B	
	STM32F100VBT6B	
	STM32F101VBT6TR	
	STM32F101VCT6	
	STM32F101VDT6	
	STM32F101VFT6TR	
	STM32F103V8T6	
	STM32F103VBT6	
	STM32F103VCT6	
	STM32F103VCT6TR	
	STM32F103VDT6	
	STM32F103VDT6TR	
	STM32F103VET6	
	STM32F103VET7	
	STM32F103VFT6	
	STM32F103VFT6TR	
	STM32F103VGT6	
	STM32F105VCT6	
	STM32F105VCT6TR	
	STM32F105VCT7	
	STM32F107VCT6	
	STM32F205VCT6TR	
	STM32F205VET6	
	STM32F205VET7	
	STM32F205VGT6	
	STM32F207VET6	
	STM32F207VGT6	
	STM32F215VET6	
	STM32F217VGT6	
	STM32F302VCT6	
	STM32F303VCT7	
	STM32F373VCT6	
	STM32F401VCT6	
	STM32F405VGT6	
	STM32F405VGT6TR	
	STM32F407VET6	
	STM32F407VGT6	
	STM32F411VET6	
	STM32F417VGT6	
	STM32F427VGT6	
	STM32F427VIT6	
	STM32F427VIT7TR	
	STM32F429VIT6	

	STM32F437VGT6	
	STM32F437VGT7	
	STM32L471VGT6	
	STM32L475VGT6	
	STM32L476VET6	
	STM32L476VGT6	
	STM32L486VGT6	
	STM32F405VGT7	

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