

PRODUCT / PROCESS CHANGE NOTIFICATION	
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1. PCN basic data	
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1.1 Company		STMicroelectronics International N.V
1.2 PCN No.		MMS/16/9685
1.3 Title of PCN		ST Muar (Malaysia) additional source - Pure Tin Lead finishing products in STM32 LQFP 14x14 package
1.4 Product Category		Pure Tin Lead finishing products
1.5 Issue date		2016-04-21

2. PCN Team	
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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		
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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)

4. Description of change		
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	Old	New
4.1 Description	Current BOMs are described in 9685_Additionnal information attached document.	ST Microcontrollers Division will add a new ST Muar (Malaysia) back-end line. Additional BOM is described in 9685_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	
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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	
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6.1 Description	See in 9685_Additional information document attached
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7. Timing / schedule	
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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	
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8.1 Description	9685_RERMCD1612 reliability plan.pdf	
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date 2016-04-21

**9. Attachments (additional documentations)**

9685PpPrdtLst.pdf  
9685\_Additional information.pdf  
9685\_RERMCD1612 reliability plan.pdf

**10. Affected parts**

<b>10. 1 Current</b>		<b>10.2 New (if applicable)</b>
<b>10.1.1 Customer Part No</b>	<b>10.1.2 Supplier Part No</b>	<b>10.1.2 Supplier Part No</b>
	STM32F091VBT6	
	STM32F091VCT6	
	STM32F100VCT6	
	STM32F100VET6	

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