


PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

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

2.1 Contact supplier	
2.1.1 Name	MARSHALL DAVE
2.1.2 Phone	
2.1.3 Email	dave.marshall@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)

4. Description of change

	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

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 9685_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	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

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
2488291	STM32F091VBT6	
2488295	STM32F098VCT6	

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