

PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	MMS/15/9201	
1.3 Title of PCN	Features improvement for STM32L05x & STM32L06x products - Amkor ATT (Taiwan) additional source for products in WLCSP package	
1.4 Product Category	change 1: STM32L05x & STM32L06x products change 2: STM32L05x products only in WLCSP package	
1.5 Issue date	2015-04-27	

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, Veronique BARLATIER
2.1.3 Quality Manager	Pascal NARCHE

3. Change

3.1 Category	3.2 Type of change	3.3 Manufacturing Location
Die redesign	Mask or mask set change with new die design	change 1 : ST Rousset (France) change 2 : Stats ChipPAC SCS (Singapore), Amkor ATT (Taiwan)

4. Description of change

	Old	New
4.1 Description	Limitations described in erratasheets (change 1) Current back-end plant : Stats ChipPAC SCS (Singapore)(change 2)	ST MCD Division is pleased to announce that the features of the STM32L05x & STM32L06x products listed below, will be enhanced through the introduction of a new die revision (change 1) In addition, committed to serving our customers, our teams operate with the constant objective to improve customer service through increased capacity and additional sourcing, ST MCD Division will qualify Amkor ATT (Taiwan) as additional back-end plant for STM32L05x products only in WLCSP package. (change 2). Same technologies used in both sites. See more details in annex1.
4.2 Anticipated Impact on form, fit, function, quality, reliability or processability?	see in annex1	

5. Reason / motivation for change

5.1 Motivation	change 1 : QUALITY IMPROVEMENT - Correction of some limitations change 2 : CAPACITY INCREASE - The change will improve and secure service through capacity increased & additional sourcing.
5.2 Customer Benefit	QUALITY IMPROVEMENT

6. Marking of parts / traceability of change

6.1 Description	see in annex1
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7. Timing / schedule

7.1 Date of qualification results	2015-06-24
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7.2 Intended start of delivery	2015-07-24
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation			
8.1 Description	9201_change 1_change2_qual plans.pptx		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2015-04-27

9. Attachments (additional documentations)	
9201PpPrdtLst.pdf 9201_annex1.docx 9201_change 1_change2_qual plans.pptx	

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
2444627	STM32L051C8T6	
2444626	STM32L051K8T6	
2444628	STM32L051R8T6	
2444629	STM32L052C8T6	
2444623	STM32L052K8T6	
2444624	STM32L052R8T6	
2444630	STM32L053C8T6	
2444625	STM32L053R8T6	

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