


PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	MDG/19/11337	
1.3 Title of PCN	AMKOR ATT (Taiwan) thick copper RDL for STM32L4x products in WLCSP package	
1.4 Product Category	STM32L4x products in WLCSP package	
1.5 Issue date	2019-09-24	

2. PCN Team

2.1 Contact supplier	
2.1.1 Name	FRANCKE CHRISTIANE
2.1.2 Phone	+49 89460062128
2.1.3 Email	christiane.francke@st.com
2.2 Change responsibility	
2.2.1 Product Manager	Ricardo Antonio DE SA EARP
2.1.2 Marketing Manager	Veronique BARLATIER
2.1.3 Quality Manager	Pascal NARCHE

3. Change

3.1 Category	3.2 Type of change	3.3 Manufacturing Location
Methods	Process adjustment within specification limits when no reliability or quality risk has been highlighted by the risk assessment.	Amkor ATT (Taiwan)

4. Description of change

	Old	New
4.1 Description	Amkor ATT(Taiwan), standard Copper ADL	Amkor ATT(Taiwan), thick Copper RDL See in PCN11337_Additional information document attached
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	No Change	

5. Reason / motivation for change

5.1 Motivation	Alignment to state of the art WLCSP process with Thick RDL
5.2 Customer Benefit	QUALITY IMPROVEMENT

6. Marking of parts / traceability of change

6.1 Description	Traceability of the change is ensured by ST internal tools. No change on the marking or the labeling.
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7. Timing / schedule

7.1 Date of qualification results	2019-08-28
7.2 Intended start of delivery	2019-09-27
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description	11337 MDG-MCD-RER1803 V1.0 - PCN11337 - Thick RDL for WLCSP - STM32L - reliability report.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2019-09-24

9. Attachments (additional documentations)

11337 Public product.pdf
11337 MDG-MCD-RER1803 V1.0 - PCN11337 - Thick RDL for WLCSP - STM32L - reliability report.pdf
11337 PCN11337_Additional information.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
2855713	STM32L451REY6TR	
2855723	STM32L452REY6TR	
2855726	STM32L462REY6TR	
2851050	STM32L4R9ZIY6TR	
2851062	STM32L4S9ZIY6TR	

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