

PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	AMG/16/9865	
1.3 Title of PCN	Voltage Reference: SOT23-3L Package Additional Assembly and Testing Plant in subcontractor Nantong FUJITSU (NFME China) for TS2431AILT, TS2431BILT and TS2431ILT	
1.4 Product Category	Voltage reference (TS2431AILT, TS2431BILT and TS2431ILT)	
1.5 Issue date	2016-07-27	

2. PCN Team

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	Vito RUGGIRELLO
2.1.2 Marketing Manager	Salvatore DI VINCENZO
2.1.3 Quality Manager	Jean-Marc BUGNARD

3. Change

3.1 Category	3.2 Type of change	3.3 Manufacturing Location
Transfer of a full process or process brick (process step, control plan, recipes) from one site to another site	(Not Defined)	CARSEM Malaysia

4. Description of change

	Old	New
4.1 Description	Assembly and Testing in subcontractor CARSEM (Malaysia)	Assembly and Testing in subcontractor NANTONG FUJITSU (NFME China)
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	No changes of the Electrical Characteristics and Quality. Small differences in the POA package (See Datasheet) due to the fact that FUJITSU follows JEDEC MO-178-AB specification and CARSEM follows the JEDEC TO-236-AB one.	

5. Reason / motivation for change

5.1 Motivation	Progressing on the activities related to quality improvement and along the plan of extending the flexibility of the manufacturing processes, ST is glad to announce the qualification of the Assy and Testing of the SOT23-3L package in NANTONG FUJITSU (NFME China) for the TS2431AILT, TS2431BILT and TS2431ILT Voltage Reference products. The Fujitsu's package is Footprint Compatible with the CARSEM's one (see suggested footprint on the Datasheet).
5.2 Customer Benefit	CAPACITY INCREASE

6. Marking of parts / traceability of change

6.1 Description	The traceability of the parts assembled in the new subcontractor will be ensured by different internal codification and QA number
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7. Timing / schedule

7.1 Date of qualification results	2016-06-28
7.2 Intended start of delivery	2016-10-22
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description	9865_Qual report_6088-134-W-2016_TS2431.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2016-07-27

9. Attachments (additional documentations)
9865PpPrdtLst.pdf 9865_Qual report_6088-134-W-2016_TS2431.pdf 9865_FUJITSU Footprint Compatibility.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
TS2431AILT	TS2431AILT	
TS2431BILT	TS2431BILT	
TS2431ILT	TS2431ILT	

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