


**PRODUCT / PROCESS CHANGE NOTIFICATION**

**1. PCN basic data**

<b>1.1 Company</b>		STMicroelectronics International N.V
<b>1.2 PCN No.</b>	IPD/15/9447	
<b>1.3 Title of PCN</b>	Darlington Arrays ULN2003D1013TR and ULQ2003D1013TR SO16 Qualification in AMKOR Manila (Philippine) subcontractor.	
<b>1.4 Product Category</b>	Linear Voltage regulators	
<b>1.5 Issue date</b>	2015-10-14	

**2. PCN Team**

<b>2.1 Contact supplier</b>	
<b>2.1.1 Name</b>	SETTLES JEFF
<b>2.1.2 Phone</b>	+44 1628896222
<b>2.1.3 Email</b>	jeff.settles@st.com
<b>2.2 Change responsibility</b>	
<b>2.2.1 Product Manager</b>	Lorenzo NASO
<b>2.1.2 Marketing Manager</b>	Antonio RIVIERA
<b>2.1.3 Quality Manager</b>	Paolo MORETTI

**3. Change**

<b>3.1 Category</b>	<b>3.2 Type of change</b>	<b>3.3 Manufacturing Location</b>
Transfer of a full process or process brick (process step, control plan, recipes) from one site to another site	Product : even if test or process transfer is qualified	AMKOR Manila (Philippine)

**4. Description of change**

	<b>Old</b>	<b>New</b>
<b>4.1 Description</b>	Shenzhen (China), Bouskoura (Morocco) and ASE (Shanghai)	AMKOR Manila (Philippine)
<b>4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?</b>	No impact in terms of electrical performances, Quality and Reliability	

**5. Reason / motivation for change**

<b>5.1 Motivation</b>	Progressing on the activities related to quality improvement and along the plan of rationalizing the manufacturing processes, ST is glad to announce the qualification of SO16 in the AMKOR Manila subcontractor (Philippine).
<b>5.2 Customer Benefit</b>	CAPACITY INCREASE

**6. Marking of parts / traceability of change**

<b>6.1 Description</b>	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**

<b>7.1 Date of qualification results</b>	2015-10-07
<b>7.2 Intended start of delivery</b>	2016-01-07
<b>7.3 Qualification sample available?</b>	Upon Request

**8. Qualification / Validation**

<b>8.1 Description</b>	REL 6088-171-W-2015-ULQ2003D1013TR- L203- SO16 Amkor.pdf		
<b>8.2 Qualification report and qualification results</b>	Available (see attachment)	<b>Issue Date</b>	2015-10-14

**9. Attachments (additional documentations)**

9447PpPrdtLst.pdf  
REL 6088-171-W-2015-ULQ2003D1013TR- L203- SO16 Amkor.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
	ULN2003D1013TR	

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