


**PRODUCT / PROCESS CHANGE NOTIFICATION**

**1. PCN basic data**

<b>1.1 Company</b>		STMicroelectronics International N.V
<b>1.2 PCN No.</b>	IPD/15/9244	
<b>1.3 Title of PCN</b>	Singapore EWS Site addition for IPS and High Voltage Products currently tested in Catania, Italy EWS Site	
<b>1.4 Product Category</b>	Industrial Power Switches and High Voltage Converters	
<b>1.5 Issue date</b>	2015-09-14	

**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>	Domenico ARRIGO, Maria Rosa BORGHI
<b>2.1.2 Marketing Manager</b>	Fabio CHELLI, Francesca Marta SANDRINI
<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	Testing	ST Catania (old) ST Singapore (new)

**4. Description of change**

	<b>Old</b>	<b>New</b>
<b>4.1 Description</b>	EWS in ST Catania	EWS in ST Singapore
<b>4.2 Anticipated Impact on form, fit, function, quality, reliability or processability?</b>	No impact	

**5. Reason / motivation for change**

<b>5.1 Motivation</b>	Production flexibility and capacity increase
<b>5.2 Customer Benefit</b>	MANUFACTURING FLEXIBILITY

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

<b>6.1 Description</b>	Through our internal traceability system
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**7. Timing / schedule**

<b>7.1 Date of qualification results</b>	2015-08-05
<b>7.2 Intended start of delivery</b>	2015-11-05
<b>7.3 Qualification sample available?</b>	Upon Request

**8. Qualification / Validation**

<b>8.1 Description</b>			
<b>8.2 Qualification report and qualification results</b>	In progress	<b>Issue Date</b>	

**9. Attachments (additional documentations)**

9244PpPrdtLst.pdf  
PCN 9244 attach.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
	VIPER20ASP-E	
	VIPER50ASP-E	

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## Public Products List

**PCN Title :** Singapore EWS Site addition for IPS and High Voltage Products currently tested in Catania, Italy EWS Site

**PCN Reference :** IPD/15/9244

**PCN Created on :** 12-May-2015

**Subject :** Public Products List

Dear Customer,

Please find below the Standard Public Products List impacted by the change.

VIPER100ASPTR-E	VN808-32-E	VIPER53SP-E
VN540SPTR-E	VIPER50A-E	VN808-E
VN330SPTR-E	VIPER20ADIP-E	VIPER53DIP-E
VIPER53SPTR-E	VNQ860SP-E	VIPER50A-22-E
VIPER100ASP-E	VN751S	VN808CM-E
VIPER20ASP-E	VIPER100A-22-E	VIPER100A-E
VN808CM-32-E	VIPER50ASPTR-E	VNI4140KTR
VNQ860-E	VIPER50ASP-E	VNI4140K
VIPER53ESPTR-E	VN540-E	VN751STR
VN340SP-33-E	VIPER100-E	VN540SP-E
VIPER20ASPTR-E	VN808TR-32-E	VN751PT13TR
VN808TR-E	VN808CMTR-32-E	VN340SPTR-E
VNQ860TR-E	VN751PT	VN808CMTR-E
VN340SP-E	VNQ860SPTR-E	VNI4140K-32
VN330SP-E	VNI4140KTR-32	VIPER100-22-E
VN340SPTR-33-E		



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## **Singapore EWS Site addition for IPS and High Voltage Products currently tested in Catania EWS Site**

### **WHAT is the change?**

Addition of Singapore EWS Site (from now on “the receiving plant”) as new testing site for IPS and High Voltage Products to the current Catania (Italy) EWS Site (from now on “the sending plant”).

### **WHY?**

In order to have more production flexibility.

### **WHEN will this change occur?**

Starting from November 2015

### **HOW will the change be qualified?**

Through test correlation exercises and comparison with same products by using the available Test Cells in Singapore and Catania.

### **IMPACTS of the Change**

Form: No impact  
Fit: No impact  
Function: No impact

### **APPENDICES:**

APPENDIX 1 Qualification plan  
APPENDIX 2 Qualification results



## **APPENDIX 1: QUALIFICATION PLAN**

The Qualification Plan of “the receiving plant” in substitution of “the sending plant”, for the products specified in this PCN, is defined by an Operation Flow divided in 4 steps, based on ST approved S.O.P. (reference document 8145208: “Management of test transfer and test solution changes”).

- 1) Engineering and Verification of Test Programs and Test Material. Use of “Verification” Checklist performed by the Sending Plant and divisional Product Engineering;
- 2) Transfer of test programs. Use of specific “EWS product transfer from other EWS” performed by the Sending Plant;
- 3) Validation of Test Programs. Use of specific “Validation Sheet at Manufacturing Plant” performed by the Receiving Plant and divisional Product Engineering;
- 4) Check and Compare test results obtained in Receiving Plant with the ones obtained in step 1. Provide final Go / No go to manufacturing area. It is performed by the Sending Plant and divisional Product Engineering.

Product-specific Qualification Reports are available upon request.



## APPENDIX 2: QUALIFICATION EXECUTION & RESULTS

The Qualification execution has been performed following ST rules for “EWS Product Transfer from other EWS” (as per rules listed in document 8145208: “Management of test transfer and test solution changes”).

Table here below is intended to confirm that all required steps have been successfully performed on each product line included in this PCN.

Product Line	Product Info checklist	Test Program info checklist	Tester configuration	Prober Configuration	Set Up information	Transfer Validation checklist	Go / No go
VN3301	X	X	X	X	X	X	X
VN3401	X	X	X	X	X	X	X
VN8601	X	X	X	X	X	X	X
VNB501	X	X	X	X	X	X	X
VNI101	X	X	X	X	X	X	X
VNM201	X	X	X	X	X	X	X
VN5401	X	X	X	X	X	X	X
VP0101	X	X	X	X	X	X	X
VP0401	X	X	X	X	X	X	X
VN6301	X	X	X	X	X	X	X
VN7201	X	X	X	X	X	X	X
VNB201	X	X	X	X	X	X	X
VNF701	X	X	X	X	X	X	X
VN7401	X	X	X	X	X	X	X
VN4801	X	X	X	X	X	X	X