


**PRODUCT / PROCESS CHANGE INFORMATION**

**1. PCI basic data**

<b>1.1 Company</b>		STMicroelectronics International N.V
<b>1.2 PCI No.</b>	IPD/15/9211	
<b>1.3 Title of PCI</b>	Internal wafer epitaxy process qualification for Power Schottky Silicon Carbides Diodes	
<b>1.4 Product Category</b>	All Silicon carbide diodes except 1200V	
<b>1.5 Issue date</b>	2015-05-01	

**2. PCI 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>	Franck DUCLOS
<b>2.1.2 Marketing Manager</b>	Eric PARIS
<b>2.1.3 Quality Manager</b>	Jean-Paul REBRASSE

**3. Change**

<b>3.1 Category</b>	<b>3.2 Type of change</b>	<b>3.3 Manufacturing Location</b>
Wafer Fab (Process)	(Not Defined)	ST Catania wafer fab

**4. Description of change**

	<b>Old</b>	<b>New</b>
<b>4.1 Description</b>	the epitaxy process is subcontracted	the epitaxy process is now done in-house
<b>4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?</b>	no	

**5. Reason / motivation for change**

<b>5.1 Motivation</b>	Thanks to this investment, STMicroelectronics will increase its production capacity to better serve its customers through service improvement and lead time reduction, especially as volumes grow.
<b>5.2 Customer Benefit</b>	CAPACITY INCREASE

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

<b>6.1 Description</b>	Internal codification and QA number
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**7. Timing / schedule**

<b>7.1 Date of qualification results</b>	2015-04-20
<b>7.2 Intended start of delivery</b>	2015-07-20
<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)**

9211PpPrdtLst.pdf  
 PCI - Internal wafer epitaxy.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
	STPSC10H065B-TR	
	STPSC10H065G-TR	
	STPSC16H065CT	
	STPSC4H065B-TR	
	STPSC4H065D	
	STPSC6H065B-TR	
	STPSC6H065G-TR	
	STPSC806D	
	STPSC8H065B-TR	

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