

PRODUCT / PROCESS CHANGE INFORMATION

1. PCI basic data

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

2. PCI 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	Franck DUCLOS
2.1.2 Marketing Manager	Eric PARIS
2.1.3 Quality Manager	Jean-Paul REBRASSE

3. Change

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

4. Description of change

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

5. Reason / motivation for change

5.1 Motivation	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.
5.2 Customer Benefit	CAPACITY INCREASE

6. Marking of parts / traceability of change

6.1 Description	Internal codification and QA number
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7. Timing / schedule

7.1 Date of qualification results	2015-04-20
7.2 Intended start of delivery	2015-07-20
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description			
8.2 Qualification report and qualification results	In progress	Issue Date	

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
	STPSC1006D	
	STPSC10H065B-TR	
	STPSC10H065D	
	STPSC10H065DI	
	STPSC10H065G-TR	
	STPSC1206D	
	STPSC12H065CT	
	STPSC16H065CT	
	STPSC2006CW	
	STPSC20H065CT	
	STPSC20H065CW	
	STPSC4H065B-TR	
	STPSC4H065D	
	STPSC4H065DI	
	STPSC606D	
	STPSC6H065B-TR	
	STPSC6H065D	
	STPSC6H065DI	
	STPSC8H065B-TR	
	STPSC8H065CT	
	STPSC8H065D	
	STPSC8H065DI	
	STPSC8H065G-TR	
	STPSC8TH13TI	

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Public Products List

PCI Title : Internal wafer epitaxy process qualification for Power Schottky Silicon Carbides Diodes

PCI Reference : IPD/15/9211

PCI Created on : 20-Apr-2015

Subject : Public Product List

Dear Customer,

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

STPSC10H065DI	STPSC8H065D	STPSC806D
STPSC6H065DI	STPSC1006D	STPSC20H065CWY
STPSC10H065B-TR	STPSC8H065DI	STPSC606G-TR
STPSC4H065B-TR	STPSC12H065DY	STPSC1206D
STPSC10TH13TI	STPSC16H065CT	STPSC12C065DY
STPSC10H065D	STPSC8H065B-TR	STPSC6TH13TI
STPSC606D	STPSC406D	STPSC2006CW
STPSC12H065D	STPSC6H065D	STPSC406B-TR
STPSC12H065CT	STPSC8TH13TI	STPSC6H065B-TR
STPSC4H065D	STPSC20H065CW	STPSC20H065CTY
STPSC20H065CT	STPSC806G-TR	STPSC8H065CT
STPSC10H065DY	STPSC8H065G-TR	STPSC6H065G-TR
STPSC4H065DI		



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