


PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	IPD/15/9230	
1.3 Title of PCN	Die optimization for STPSCxxH065xx / STPSCxxH065xxY and STPSCxxTH13TI	
1.4 Product Category	STPSCxxH065xx / STPSCxxH065xxY and STPSCxxTH13TI	
1.5 Issue date	2015-05-11	

2. PCN Team

2.1 Contact supplier	
2.1.1 Name	SETTLES JEFF
2.1.2 Phone	+44 1628896222
2.1.3 Email	jeff.settles@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)	Catania wafer fab

4. Description of change

	Old	New
4.1 Description	n/a	STMicroelectronics is now going to implement the new die optimization layout for its H series rectifier products in SiC 650V technology.
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	no	

5. Reason / motivation for change

5.1 Motivation	This change enhances ST's competitiveness in SiC market by improving our positioning price/performances.
5.2 Customer Benefit	SERVICE IMPROVEMENT

6. Marking of parts / traceability of change

6.1 Description	internal codifications and QA number
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7. Timing / schedule

7.1 Date of qualification results	2015-05-04
7.2 Intended start of delivery	2015-07-01
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)

9230PpPrdtLst.pdf
PCN_SiC Rectifiers_die optimization.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	
	STPSC8H065B-TR	

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