


PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	ADG/16/9838	
1.3 Title of PCN	die layout optimization of STPSCxxH065xx automotive series	
1.4 Product Category	STPSC10H065DY , STPSC12H065DY , STPSC20H065CTY , STPSC20H065CWY	
1.5 Issue date	2016-06-27	

2. PCN 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	Richard RENARD
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)	wafer fab in Catania

4. Description of change

	Old	New
4.1 Description	current die layout (not optimized)	new 650V SiC Junction Barrier Schottky (JBS) die structure optimization
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	no	

5. Reason / motivation for change

5.1 Motivation	Company to reinforce ST's leading position in the SiC market.
5.2 Customer Benefit	QUALITY IMPROVEMENT

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	2016-06-06
7.2 Intended start of delivery	2016-12-09
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)

9838PpPrdtLst.pdf
PCN H serie 650V_ AGAC.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
	STPSC10H065DY	
	STPSC12H065DY	
	STPSC20H065CTY	
	STPSC20H065CWY	



Public Products List

PCN Title : die layout optimization of STPSCxxH065xx automotive series

PCN Reference : ADG/16/9838

PCN Created on : 06-Jun-2016

Subject : Public Products List

Dear Customer,

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

STPSC12H065DY	STPSC20H065CTY	STPSC20H065CWY
STPSC10H065DY		



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