


PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	ADG/18/10726	
1.3 Title of PCN	Conversion from 4" to 6" of Automotive-grade 1200V SiC Schottky diodes production line	
1.4 Product Category	automotive-grade 1200V SiC Schottky diodes	
1.5 Issue date	2018-02-12	

2. PCN Team

2.1 Contact supplier	
2.1.1 Name	MARSHALL DAVE
2.1.2 Phone	
2.1.3 Email	dave.marshall@st.com
2.2 Change responsibility	
2.2.1 Product Manager	Richard RENARD
2.1.2 Marketing Manager	Franck DUCLOS
2.1.3 Quality Manager	Jean-Paul REBRASSE

3. Change

3.1 Category	3.2 Type of change	3.3 Manufacturing Location
General	Wafer diameter modification	ST diffusion site in Catania

4. Description of change

	Old	New
4.1 Description	4 inches wafers	6 inches wafers
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	no	

5. Reason / motivation for change

5.1 Motivation	Capacity extension with 6" conversion and 4" production line phase out
5.2 Customer Benefit	CAPACITY INCREASE

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	2018-02-08
7.2 Intended start of delivery	2018-07-30
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)

10726 Public product.pdf
10726 Draft PCN 6 inch conversion of 1200V SiC diodes - AUTO.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
	STPSC10H12DY	
	STPSC10H12GY-TR	
	STPSC15H12DY	
	STPSC20H12DY	
	STPSC20H12GY-TR	

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