


PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	ADG/21/12814	
1.3 Title of PCN	Wafer Manufacturing & EWS capacity extension in ST Singapore for SiC 650V products	
1.4 Product Category	SiC 650V products	
1.5 Issue date	2021-06-03	

2. PCN Team

2.1 Contact supplier	
2.1.1 Name	NEMETH KRISZTINA
2.1.2 Phone	+49 89460062210
2.1.3 Email	krisztina.nemeth@st.com
2.2 Change responsibility	
2.2.1 Product Manager	Stephane CHAMARD
2.1.2 Marketing Manager	Philippe LEGER
2.1.3 Quality Manager	Jean-Paul REBRASSE

3. Change

3.1 Category	3.2 Type of change	3.3 Manufacturing Location
Transfer	Line transfer for a full process or process brick (process step, control plan, recipes) from one site to another site: Wafer fabrication	ST Catania - Italy ST Singapore

4. Description of change

	Old	New
4.1 Description	ST Catania - Italy	ST Catania - Italy ST Singapore with Process rationalization for both plants
4.2 Anticipated Impact on form, fit, function, quality, reliability or processability?	No	

5. Reason / motivation for change

5.1 Motivation	In line with the commitment of ST Company to reinforce its leading position in the SiC Power Rectifiers market and to support strong SiC business increase, STMicroelectronics has decided to expand the manufacturing & EWS capacity of SiC 650V diodes. This additional wafer fab & EWS capacity will be done through production line located in the Singapore existing plant. ST is taking this opportunity to enhance and to standardize production flows using same metallization and thicknesses for all SiC products.
5.2 Customer Benefit	CAPACITY INCREASE

6. Marking of parts / traceability of change

6.1 Description	Finished Good and plant code
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7. Timing / schedule

7.1 Date of qualification results	2021-06-01
7.2 Intended start of delivery	2021-09-03
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description	
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8.2 Qualification report and qualification results	In progress	Issue Date	
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9. Attachments (additional documentations)

12814 Public product.pdf
 12814 SiC 650V capacity extension in ST Singapore.pdf

10. Affected parts

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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
3498802	STPSC10065DLF	
3527113	STPSC10H065DLF	
3397857	STPSC12065D	
3018770	STPSC4H065DLF	
3018771	STPSC6H065DLF	
3018772	STPSC8H065DLF	

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