


PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	ADG/21/13047	
1.3 Title of PCN	Wafer Manufacturing & EWS capacity extension in ST Singapore for Automotive SiC 650V products	
1.4 Product Category	Automotive SiC 650V products	
1.5 Issue date	2021-10-11	

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	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 the opportunity to enhance and to standardize production flows using the 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	2021-10-04
7.2 Intended start of delivery	2022-04-08
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description	13047 21072QRP.pdf
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8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2021-10-11
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9. Attachments (additional documentations)	
13047 Public product.pdf 13047 Automotive SiC650V in ST Singapore.pdf 13047 21072QRP.pdf 13047 21074QRP.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
	STPSC10065DY	
	STPSC10065GY-TR	
	STPSC10C065RY	
	STPSC10H065BY-TR	
	STPSC10H065DY	
	STPSC10H065GY-TR	
	STPSC12065DY	
	STPSC12065G2Y-TR	
	STPSC12065GY-TR	
	STPSC12C065DY	
	STPSC12H065DY	
	STPSC20065DY	
	STPSC20065GY-TR	
	STPSC20065WY	
	STPSC20H065CTY	
	STPSC20H065CWY	
	STPSC40065CWY	
	STPSC6H065BY-TR	
	STPSC8065DY	
	STPSC8H065BY-TR	
	STPSC8H065G2Y-TR	



Public Products List

Public Products are off the shelf products. They are not dedicated to specific customers, they are available through ST Sales team, or Distributors, and visible on ST.com

PCN Title : Wafer Manufacturing & EWS capacity extension in ST Singapore for Automotive SIC 650V products

PCN Reference : ADG/21/13047

Subject : Public Products List

Dear Customer,

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

STPSC8065DY	STPSC12065DY	STPSC10H065BY-TR
STPSC20H065CWLY	STPSC12065GY-TR	STPSC8H065G2Y-TR
STPSC6H065BY-TR	STPSC10065GY-TR	STPSC20H065CTY
STPSC10H065GY-TR	STPSC20H065CWY	STPSC10C065RY
STPSC20065GY-TR	STPSC2H065BY-TR	STPSC12065G2Y-TR
STPSC40065CWY	STPSC10H065DY	STPSC20065DY
STPSC20065WY	STPSC10065DY	STPSC8H065BY-TR
STPSC12H065DY	STPSC6C065DY	STPSC12C065DY



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