

**PRODUCT / PROCESS CHANGE NOTIFICATION**

**1. PCN basic data**

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

**2. PCN Team**

<b>2.1 Contact supplier</b>	
<b>2.1.1 Name</b>	ROBERTSON HEATHER
<b>2.1.2 Phone</b>	+1 8475853058
<b>2.1.3 Email</b>	heather.robertson@st.com
<b>2.2 Change responsibility</b>	
<b>2.2.1 Product Manager</b>	Stephane CHAMARD
<b>2.1.2 Marketing Manager</b>	Philippe LEGER
<b>2.1.3 Quality Manager</b>	Jean-Paul REBRASSE

**3. Change**

<b>3.1 Category</b>	<b>3.2 Type of change</b>	<b>3.3 Manufacturing Location</b>
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**

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

**5. Reason / motivation for change**

<b>5.1 Motivation</b>	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.
<b>5.2 Customer Benefit</b>	CAPACITY INCREASE

**6. Marking of parts / traceability of change**

<b>6.1 Description</b>	Finished Good and plant code
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**7. Timing / schedule**

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

**8. Qualification / Validation**

<b>8.1 Description</b>	
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8.2 Qualification report and qualification results	In progress	Issue Date	
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<b>9. Attachments (additional documentations)</b>
12814 Public product.pdf 12814 SiC 650V capacity extension in ST Singapore.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
	STPSC10065D	
	STPSC10H065B-TR	
	STPSC10H065D	
	STPSC10H065DI	
	STPSC10H065DLF	
	STPSC10H065G-TR	
	STPSC10TH13TI	
	STPSC12065G-TR	
	STPSC12H065CT	
	STPSC12H065D	
	STPSC16H065AW	
	STPSC16H065CT	
	STPSC20065D	
	STPSC20065DI	
	STPSC20065W	
	STPSC20H065CT	
	STPSC20H065CW	
	STPSC2H065B-TR	
	STPSC40065CW	
	STPSC4H065B-TR	
	STPSC4H065D	
	STPSC4H065DI	
	STPSC4H065DLF	
	STPSC6H065B-TR	
	STPSC6H065D	
	STPSC6H065DI	
	STPSC6H065DLF	
	STPSC6H065G-TR	
	STPSC6TH13TI	
	STPSC8065D	
	STPSC8H065B-TR	
	STPSC8H065CT	
	STPSC8H065D	
	STPSC8H065DI	
	STPSC8H065DLF	
	STPSC8H065G-TR	
	STPSC8TH13TI	



## 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 SIC 650V products

**PCN Reference :** ADG/21/12814

**Subject :** Public Products List

Dear Customer,

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

STPSC4H065B-TR	STPSC10H065DI	STPSC8H065CT
STPSC10TH13TI	STPSC10065DLF	STPSC10H065DLF
STPSC20H065CT	STPSC16H065AW	STPSC8065D
STPSC20065DI	STPSC8H065DI	STPSC10065D
STPSC12H065D	STPSC10H065G-TR	STPSC40065CW
STPSC6H065DI	STPSC12065D	STPSC20H065CW
STPSC20065D	STPSC10H065B-TR	STPSC10H065D
STPSC8TH13TI	STPSC4H065D	STPSC6H065D
STPSC6H065G-TR	STPSC8H065D	STPSC16H065CT
STPSC12H065CT	STPSC2H065B-TR	STPSC6H065DLF
STPSC8H065B-TR	STPSC4H065DLF	STPSC12065G-TR
STPSC8H065DLF	STPSC20065W	STPSC6TH13TI
STPSC4H065DI	STPSC8H065G-TR	STPSC6H065B-TR
STPSC10065G2-TR	STPSC12065G2-TR	



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