


**PRODUCT / PROCESS CHANGE NOTIFICATION**

**1. PCN basic data**

<b>1.1 Company</b>		STMicroelectronics International N.V
<b>1.2 PCN No.</b>	ADG/21/13069	
<b>1.3 Title of PCN</b>	IGBT/IPM TFS Technology Front End expansipon - External Samsung Foundry (Korea) - Industrial	
<b>1.4 Product Category</b>	IGBT's/IPM	
<b>1.5 Issue date</b>	2021-10-22	

**2. PCN Team**

<b>2.1 Contact supplier</b>	
<b>2.1.1 Name</b>	KRAUSE INA
<b>2.1.2 Phone</b>	+49 89460062370
<b>2.1.3 Email</b>	ina.krause@st.com
<b>2.2 Change responsibility</b>	
<b>2.2.1 Product Manager</b>	Angelo RAO
<b>2.1.2 Marketing Manager</b>	Natale Sandro D'ANGELO
<b>2.1.3 Quality Manager</b>	Vincenzo MILITANO

**3. Change**

<b>3.1 Category</b>	<b>3.2 Type of change</b>	<b>3.3 Manufacturing Location</b>
General	Wafer diameter modification	Samsung - Korea

**4. Description of change**

	<b>Old</b>	<b>New</b>
<b>4.1 Description</b>	IGBT/IPM TFS products are manufactured in Catania (Italy) and Ang Mo Kio (Singapore)	IGBT/IPM TFS products will be manufactured in external Samsung Foundry (Korea)
<b>4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?</b>	no impact	

**5. Reason / motivation for change**

<b>5.1 Motivation</b>	Capacity expansion
<b>5.2 Customer Benefit</b>	CAPACITY INCREASE

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

<b>6.1 Description</b>	By internal traceability and dedicated FG code.
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**7. Timing / schedule**

<b>7.1 Date of qualification results</b>	2021-11-13
<b>7.2 Intended start of delivery</b>	2022-01-17
<b>7.3 Qualification sample available?</b>	Upon Request

**8. Qualification / Validation**

<b>8.1 Description</b>	13069 Binder1.pdf		
<b>8.2 Qualification report and qualification results</b>	Available (see attachment)	<b>Issue Date</b>	2021-10-22

**9. Attachments (additional documentations)**

13069 Public product.pdf 13069 IGBT IPM TFS - Front end expansion to outsource (Samsung).pdf 13069 Binder1.pdf
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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
	STGD5H60DF	
	STGW40H60DLFB	
	STGWT40HP65FB	
2987026	STGIB10CH60S-L	
3678914	STGIPQ4C60T-HZ	

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