


**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>	NEMETH KRISZTINA
<b>2.1.2 Phone</b>	+49 89460062210
<b>2.1.3 Email</b>	krisztina.nemeth@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
	STGB40H65FB	

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## Public Products List

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**PCN Title :** IGBT/IPM TFS Technology Front End expansion - External Samsung Foundry (Korea) - Industrial

**PCN Reference :** ADG/21/13069

**Subject :** Public Products List

Dear Customer,

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

STGIB10CH60TS-LZ	STGW60V60F	STGF10H60DF
STGB30H60DFB	STGWA30H65DFB	STGIF5CH60TS-L
STGWA80H65FB	STGB20V60F	STGD5H60DF
STGB40V60F	STGFW20V60DF	STGW30H60DLFB
STGWT40H65DFB	STGIPQ5C60T-HL	STGP15H60DF
STGWA60V60DF	STGWA30HP65FB	STGWT40HP65FB
STGB10H60DF	STGIPQ5C60T-HZ	STGIB15CH60TS-E
STGIB10CH60TS-E	STGW80H65DFB	STGW40H65DFB-4
STGIB15CH60TS-XZ	STGWT60H65DFB	STGW40V60F
STGIF10CH60TS-L	STGW60H65DFB-4	STGFW40V60DF
STGB20V60DF	STGW40V60DF	STGFW40H65FB
STGB30H60DLFB	STGWA40H65DFB	STGW60V60DF
STGIB10CH60S-L	STGWT30HP65FB	STGIPQ8C60T-HZ
STGWT30H60DFB	STGW80V60DF	STGWA80H65DFB
STGW20V60DF	STGIPQ4C60T-HZ	STGIF7CH60TS-L
STGW40V60DLF	STGIPQ5C60T-HZS	STGW60H65FB
STGWA40HP65FB	STGWT40V60DLF	STGF7H60DF
STGP10H60DF	STGW80H65FB	STGB40H65FB
STGP30V60DF	STGWT20H65FB	STGW40H60DLFB
STGW30V60F	STGFW30H65FB	STG80H65FBD7
STGP20V60DF	STGIB10CH60S-XZ	STGB7H60DF
STGP30H60DFB	STGW40H65DFB	STG40H65FBD7
STGW30H60DFB	STGP40V60F	STGW60H65DFB
STGIB15CH60TS-L	STGFW30V60F	STGIB15CH60S-XZ
STGF15H60DF	STGF5H60DF	STGWA40H60DLFB
STGW20V60F	STGFW20H65FB	STGB30H65FB
STGIB10CH60TS-L	STGW80V60F	STGP20V60F
STG30H65FBD7	STGB15H60DF	STGP7H60DF
STGIF5CH60TS-X	STGB30V60DF	STGW80H65DFB-4
STGIB15CH60S-L	STGWA20H65DFB	STGWT60H65FB
STGP5H60DF	STGWA60H65DFB	STGW30H65FB
STGFW40V60F	STGW40H65FB	STGWT80H65DFB
STGIPQ5C60T-HLS	STGIPQ4C60T-HL	STGWA40H65FB
STGIB15CH60TS-LZ	STGB30V60F	STGIB10CH60TS-XZ
STGFW20V60F	STGIB15CH60TS-X	STGWT40V60DF
STGFW30V60DF	STGWT60V60DF	STGW60H60DLFB



## Public Products List

STGIF7CH60TS-X	STGB5H60DF	STGIF10CH60S-L
STGWT20HP65FB	STGP30V60F	STGWA30H65FB
STGWT80H65FB	STGIB10CH60TS-X	STGW30V60DF
STGW20H65FB		



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