

PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

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

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	Angelo RAO
2.1.2 Marketing Manager	Natale Sandro D'ANGELO
2.1.3 Quality Manager	Vincenzo MILITANO

3. Change

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

4. Description of change

	Old	New
4.1 Description	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)
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	no impact	

5. Reason / motivation for change

5.1 Motivation	Capacity expansion
5.2 Customer Benefit	CAPACITY INCREASE

6. Marking of parts / traceability of change

6.1 Description	By internal traceability and dedicated FG code.
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7. Timing / schedule

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

8. Qualification / Validation

8.1 Description	13069 Binder1.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	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

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
	STGB10H60DF	
	STGB15H60DF	
	STGB20V60DF	
	STGB20V60F	
	STGB30H60DFB	
	STGB30H60DLFB	
	STGB30V60DF	
	STGB30V60F	
	STGB40H65FB	
	STGB40V60F	
	STGB5H60DF	
	STGB7H60DF	
	STGD5H60DF	
	STGF10H60DF	
	STGF15H60DF	
	STGF5H60DF	
	STGF7H60DF	
	STGFW20H65FB	
	STGFW20V60DF	
	STGFW20V60F	
	STGFW30H65FB	
	STGFW30V60DF	
	STGFW30V60F	
	STGFW40H65FB	
	STGFW40V60DF	
	STGFW40V60F	
	STGIB10CH60TS-L	
	STGIB10CH60TS-LZ	
	STGIB10CH60TS-X	
	STGIB15CH60TS-E	
	STGIB15CH60TS-L	
	STGIB15CH60TS-LZ	
	STGIB15CH60TS-X	
	STGIF10CH60TS-L	
	STGIF5CH60TS-L	
	STGIF7CH60TS-L	
	STGIPQ4C60T-HZ	
	STGIPQ5C60T-HL	
	STGIPQ5C60T-HZ	
	STGIPQ8C60T-HZ	
	STGP10H60DF	
	STGP15H60DF	
	STGP20V60DF	
	STGP20V60F	
	STGP30H60DFB	
	STGP30V60DF	
	STGP30V60F	

	STGP40V60F	
	STGP5H60DF	
	STGP7H60DF	
	STGW20H65FB	
	STGW20V60DF	
	STGW30H60DFB	
	STGW30H60DLFB	
	STGW30H65FB	
	STGW30V60DF	
	STGW30V60F	
	STGW40H60DLFB	
	STGW40H65DFB	
	STGW40H65DFB-4	
	STGW40H65FB	
	STGW40V60DF	
	STGW40V60DLF	
	STGW40V60F	
	STGW60H60DLFB	
	STGW60H65DFB	
	STGW60H65FB	
	STGW60V60DF	
	STGW60V60F	
	STGW80H65DFB	
	STGW80H65FB	
	STGW80V60DF	
	STGW80V60F	
	STGWA40H65DFB	
	STGWA40H65FB	
	STGWA60H65DFB	
	STGWA80H65DFB	
	STGWA80H65FB	
	STGWT20H65FB	
	STGWT30H60DFB	
	STGWT40H65DFB	
	STGWT40HP65FB	
	STGWT40V60DF	
	STGWT40V60DLF	
	STGWT60H65DFB	
	STGWT60H65FB	
	STGWT60V60DF	
	STGWT80H65DFB	
	STGWT80H65FB	



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 : 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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