


PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	ADG/18/11145	
1.3 Title of PCN	IGBT Trench Technology 8" Wafer Front-end Capacity Extension - Ang Mo Kio (S'Pore) - INDUSTRIAL	
1.4 Product Category	IGBT Trench Technology	
1.5 Issue date	2018-10-19	

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	Maurizio GIUDICE
2.1.2 Marketing Manager	Angelo RAO
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	AMK Singapore

4. Description of change

	Old	New
4.1 Description	IGBT Trench Technology is manufactured in the 8" wafer line of Catania (Italy)	IGBT Trench Technology will be manufactured in the 8" wafer line of Ang Mo Kio (Singapore)
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	no impact	

5. Reason / motivation for change

5.1 Motivation	Capacity Extension
5.2 Customer Benefit	CAPACITY INCREASE

6. Marking of parts / traceability of change

6.1 Description	by FG code and Q.A. number
------------------------	----------------------------

7. Timing / schedule

7.1 Date of qualification results	2018-10-21
7.2 Intended start of delivery	2019-02-16
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description	11145 Rel23-18.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2018-10-19

9. Attachments (additional documentations)

11145 Public product.pdf 11145 IGBT Trench Technology 8” Wafer Front-end Capacity Extension - Ang Mo Kio (S'Pore) - INDUSTRIAL.pdf 11145 Rel23-18.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	
	STGB20H60DF	
	STGB20V60DF	
	STGB20V60F	
	STGB30H60DFB	
	STGB30H60DLFB	
	STGB30V60DF	
	STGB30V60F	
	STGB40H65FB	
	STGB40V60F	
	STGB5H60DF	
	STGB7H60DF	
	STGD5H60DF	
	STGF10H60DF	
	STGF15H60DF	
	STGF20H60DF	
	STGF5H60DF	
	STGF7H60DF	
	STGIB10CH60TS-L	
	STGIB15CH60TS-E	
	STGIB15CH60TS-L	
	STGIF10CH60TS-L	
	STGIF5CH60TS-L	
	STGIF7CH60TS-L	
	STGIPL30C60-H	
	STGIPQ5C60T-HL	
	STGIPQ5C60T-HZ	
	STGIPQ8C60T-HZ	
	STGIPS10C60	
	STGIPS10C60-H	
	STGIPS10C60T-H	
	STGIPS15C60	
	STGIPS15C60-H	
	STGIPS15C60T-H	
	STGIPS20C60	
	STGIPS20C60-H	
	STGIPS20C60T-H	
	STGIPS30C60	
	STGIPS30C60-H	
	STGIPS30C60T-H	
	STGP10H60DF	
	STGP15H60DF	
	STGP20H60DF	
	STGP20V60DF	
	STGP30H60DF	
	STGP30H60DFB	

	STGP30V60DF	
	STGP40V60F	
	STGP5H60DF	
	STGP7H60DF	
	STGW20H60DF	
	STGW20H65FB	
	STGW20V60DF	
	STGW30H60DFB	
	STGW30H60DLFB	
	STGW30H65FB	
	STGW30V60DF	
	STGW30V60F	
	STGW40H60DLFB	
	STGW40H65DFB	
	STGW40H65FB	
	STGW40V60DF	
	STGW40V60DLF	
	STGW40V60F	
	STGW60H60DLFB	
	STGW60H65DF	
	STGW60H65DFB	
	STGW60H65DRF	
	STGW60H65FB	
	STGW60V60DF	
	STGW60V60F	
	STGW80H65DFB	
	STGW80H65FB	
	STGW80V60DF	
	STGW80V60F	
	STGWA60H65DFB	
	STGWA80H65DFB	
	STGWA80H65FB	

IMPORTANT NOTICE – PLEASE READ CAREFULLY

Subject to any contractual arrangement in force with you or to any industry standard implemented by us, STMicroelectronics NV and its subsidiaries (“ST”) reserve the right to make changes, corrections, enhancements, modifications, and improvements to ST products and/or to this document at any time without notice. Purchasers should obtain the latest relevant information on ST products before placing orders. ST products are sold pursuant to ST’s terms and conditions of sale in place at the time of order acknowledgement.

Purchasers are solely responsible for the choice, selection, and use of ST products and ST assumes no liability for application assistance or the design of Purchasers’ products.

No license, express or implied, to any intellectual property right is granted by ST herein.

Resale of ST products with provisions different from the information set forth herein shall void any warranty granted by ST for such product.

ST and the ST logo are trademarks of ST. All other product or service names are the property of their respective owners.

Information in this document supersedes and replaces information previously supplied in any prior versions of this document.

© 2018 STMicroelectronics – All rights reserved



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 Trench Technology 8" Wafer Front-end Capacity Extension - Ang Mo Kio (S'Pore) - INDUSTRIAL

PCN Reference : ADG/18/11145

Subject : Public Products List

Dear Customer,

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

STGW60V60F	STGB15H60DF	STGIPS10C60
STGIPS15C60T-H	STGB30H65FB	STGW60V60DF
STGIF7CH60TS-X	STGIF5CH60TS-X	STGW30V60DF
STGF15H60DF	STGP30V60F	STGW40H65FB
STGIPQ8C60T-HZ	STGP20V60F	STGW40V60DLF
STGIB15CH60TS-E	STGP20H60DF	STGW80H65FB-4
STGB20V60F	STGW20H60DF	STGW20V60F
STGIF7CH60TS-L	STGWA60H65DFB	STGW60H60DLFB
STGB40H65FB	STGWA40H65FB	STGW60H65DFB
STGWA60V60DF	STGIPS15C60	STGB30H60DFB
STGW80V60DF	STGW30V60F	STGWA40H65DFB
STGIPS15C60-H	STGW60H65FB	STGW80H65FB
STGIPQ5C60T-HLS	STGIPS10C60-H	STGB30H60DLFB
STGP40V60F	STGIPL30C60-H	STGP7H60DF
STGB30V60F	STGP30V60DF	STGIF5CH60TS-L
STGF5H60DF	STGIPQ5C60T-HL	STGB20V60DF
STGB40V60F	STGW30H60DLFB	STGW40H65DFB
STGW30H60DFB	STGIF10CH60TS-L	STGIB15CH60TS-L
STGIPQ5C60T-HZ	STGIB8CH60TS-L	STGP20V60DF
STGB5H60DF	STGP30H60DFB	STGIPS20C60T-H
STGD5H60DF	STGB7H60DF	STGW80H65DFB-4
STGW60H65DRF	STGIPQ5C60T-HZS	STGB10H60DF
STGW60H65DFB-4	STGW80V60F	STGIPS10C60T-H
STGW60H65DF	STGIPS20C60-H	STGIF5CH60TS-E
STGIPS20C60	STGW30H65FB	STGP10H60DF
STGIB10CH60TS-L	STGW40V60DF	STGP15H60DF
STGW20V60DF	STGB30V60DF	STGW80H65DFB
STGW40H60DLFB	STGW20H65FB	STGWA30H60DFB
STGIPS30C60	STGB20H60DF	STGWA30H65DFB
STGIB8CH60TS-E	STGW40H65DFB-4	STGWA30H65FB
STGF20H60DF	STGIPS30C60-H	STGF7H60DF
STGW40V60F	STGF10H60DF	STGWA80H65FB
STGIPS30C60T-H	STGP5H60DF	STGP30H60DF



IMPORTANT NOTICE – PLEASE READ CAREFULLY

Subject to any contractual arrangement in force with you or to any industry standard implemented by us, STMicroelectronics NV and its subsidiaries (“ST”) reserve the right to make changes, corrections, enhancements, modifications, and improvements to ST products and/or to this document at any time without notice. Purchasers should obtain the latest relevant information on ST products before placing orders. ST products are sold pursuant to ST’s terms and conditions of sale in place at the time of order acknowledgement.

Purchasers are solely responsible for the choice, selection, and use of ST products and ST assumes no liability for application assistance or the design of Purchasers’ products.

No license, express or implied, to any intellectual property right is granted by ST herein.

Resale of ST products with provisions different from the information set forth herein shall void any warranty granted by ST for such product.

ST and the ST logo are trademarks of ST. All other product or service names are the property of their respective owners.

Information in this document supersedes and replaces information previously supplied in any prior versions of this document.