

PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	ADG/21/12945	
1.3 Title of PCN	STx310N10F7x (OD0K Industrial): Activation of Singapore as Additional Diffusion Plant and Electrical Wafer Sort (EWS)	
1.4 Product Category	STH310N10F7-2, STH310N10F7-6, STP310N10F7	
1.5 Issue date	2021-08-02	

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	Mario ASTUTI
2.1.2 Marketing Manager	Michele SCUTO, Anna RANIOLO
2.1.3 Quality Manager	Vincenzo MILITANO

3. Change

3.1 Category	3.2 Type of change	3.3 Manufacturing Location
Transfer	Line transfer for a full process or process brick (process step, control plan, recipes) from one site to another site: Wafer fabrication	ST AMK8 - Singapore Receiving Plant

4. Description of change

	Old	New
4.1 Description	CT8 (Catania - Italy) Diffusion location CT-EWS (Catania - Italy) EWS location	CT8 (Catania - Italy) and AMK8 (S'Pore) Diffusion locations CT-EWS (Catania - Italy) and AMK-EWS (S'Pore) EWS locations
4.2 Anticipated Impact on form, fit, function, quality, reliability or processability?	No Impact	

5. Reason / motivation for change

5.1 Motivation	Capacity Increase
5.2 Customer Benefit	CAPACITY INCREASE

6. Marking of parts / traceability of change

6.1 Description	Dedicated Finished Good Codes
------------------------	-------------------------------

7. Timing / schedule

7.1 Date of qualification results	2021-07-27
7.2 Intended start of delivery	2021-10-31
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description	12945 Validation.zip		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2021-08-02

9. Attachments (additional documentations)		
12945 Public product.pdf 12945 Validation.zip 12945 Details.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
	STH310N10F7-2	
	STH310N10F7-6	
	STP310N10F7	

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

PRODUCT/PROCESS CHANGE NOTIFICATION

TITLE	STx310N10F7x (OD0K Industrial): Activation of Singapore as Additional Diffusion Plant and Electrical Wafer Sort (EWS)
IMPACTED PRODUCTS	STH310N10F7-2, STH310N10F7-6, STP310N10F7
MANUFACTURING STEP	Silicon Diffusion (Front End) and Electrical Wafer Sort (EWS)
INVOLVED PLANT	ST AMK8 (Diffusion Plant) AngMoKio , Singapore ST AMK-EWS (Electrical Wafer Sort) AngMoKio , Singapore
CHANGE REASON	Expansion of current silicon diffusion capacity (volumes increase) and flexible/secure production asset – dual sourcing strategy
CHANGE DESCRIPTION	AMK8 and AMK-EWS will be activated beside current Catania CT8 and Catania EWS
TRACEABILITY	Dedicated Finished Good Codes
VALIDATION	Included in this communication
REPORTS	12945 Validation.zip



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 : STx310N10F7x (OD0K Industrial): Activation of Singapore as Additional Diffusion Plant and Electrical Wafer Sort (EWS)

PCN Reference : ADG/21/12945

Subject : Public Products List

Dear Customer,

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

STH310N10F7-6	STH310N10F7-2	STP310N10F7
---------------	---------------	-------------



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.