


# PRODUCT / PROCESS CHANGE NOTIFICATION

## 1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	ADG/21/12980	
1.3 Title of PCN	STH275N8F7-2/6AG, STH145N8F7-2AG (OD8L, OD88): Activation of Singapore as Additional Front End Location	
1.4 Product Category	STH275N8F7-2AG, STH275N8F7-6AG, STH145N8F7-2AG	
1.5 Issue date	2021-09-23	

## 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	Anna RANIOLO, Michele SCUTO
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	SG8-Singapore receiving plant

## 4. Description of change

	Old	New
4.1 Description	CT8-Catania Front End Location (Diffusion + EWS)	CT8-Catania and SG8-Singapore Front End Locations (Diffusion + EWS)
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	2021-09-20
7.2 Intended start of delivery	2021-12-20
7.3 Qualification sample available?	Upon Request

## 8. Qualification / Validation

8.1 Description	12980 Validation.zip		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2021-09-23

## 9. Attachments (additional documentations)

12980 Public product.pdf  
12980 Validation.zip  
12980 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
	STH145N8F7-2AG	
	STH275N8F7-2AG	
	STH275N8F7-6AG	

## **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

<b>TITLE</b>	<b>STH275N8F7-2/6AG, STH145N8F7-2AG (OD8L, OD88): Activation of Singapore as Additional Front End Location</b>
<b>IMPACTED PRODUCTS</b>	STH275N8F7-2AG, STH275N8F7-6AG, STH145N8F7-2AG (Silicon lines OD8LA1, OD88A1)
<b>MANUFACTURING STEP</b>	Front End (Silicon Diffusion and Electrical Wafer Sort - EWS)
<b>INVOLVED PLANT</b>	ST AngMoKio , Singapore (SG8, SG-EWS)
<b>CHANGE REASON</b>	Expansion of current silicon diffusion capacity (volumes increase) and flexible/secure production asset – dual sourcing strategy
<b>CHANGE DESCRIPTION</b>	Singapore Front End (SG8 and SG-EWS) will be activated beside current Catania Front End (CT8 and CT- EWS)
<b>TRACEABILITY</b>	Dedicated Finished Good Codes
<b>VALIDATION</b>	Included in this communication
<b>REPORTS</b>	12980 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 :** STH275N8F7-2/6AG, STH145N8F7-2AG (OD8L, OD88): Activation of Singapore as Additional Front End Location

**PCN Reference :** ADG/21/12980

**Subject :** Public Products List

Dear Customer,

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

STH275N8F7-6AG	STH275N8F7-2AG	STH145N8F7-2AG
----------------	----------------	----------------



### 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.