

## PRODUCT / PROCESS CHANGE NOTIFICATION

### 1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.		ADG/20/12453
1.3 Title of PCN		STx315N10x (OD0K): Activation of Singapore as Additional Diffusion Plant and Electrical Wafer Sort (EWS)
1.4 Product Category		see list
1.5 Issue date		2020-12-10

### 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 RANOLO
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

### 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	QUALITY IMPROVEMENT

### 6. Marking of parts / traceability of change

6.1 Description	Dedicated Finished Good Codes
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### 7. Timing / schedule

7.1 Date of qualification results	2020-11-10
7.2 Intended start of delivery	2020-11-10
7.3 Qualification sample available?	Upon Request

### 8. Qualification / Validation

8.1 Description	12453 Validation.zip		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2020-12-10

**9. Attachments (additional documentations)**

12453 Public product.pdf  
12453 Validation.zip  
12453 Details.pdf

**10. Affected parts**

<b>10. 1 Current</b>		<b>10.2 New (if applicable)</b>
<b>10.1.1 Customer Part No</b>	<b>10.1.2 Supplier Part No</b>	<b>10.1.2 Supplier Part No</b>
	STH315N10F7-2	
	STH315N10F7-6	
	STP315N10F7	

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## PRODUCT/PROCESS CHANGE NOTIFICATION

<b>TITLE</b>	<b>STx315N10x (OD0K): Activation of Singapore as Additional Diffusion Plant and Electrical Wafer Sort (EWS)</b>
<b>IMPACTED PRODUCTS</b>	See list
<b>MANUFACTURING STEP</b>	Silicon Diffusion (Front End) and Electrical Wafer Sort (EWS)
<b>INVOLVED PLANT</b>	ST AMK8 (Diffusion Plant) AngMoKio , Singapore ST AMK-EWS (Electrical Wafer Sort) AngMoKio , Singapore
<b>CHANGE REASON</b>	Expansion of current silicon diffusion capacity (volumes increase) and flexible/secure production asset – dual sourcing strategy
<b>CHANGE DESCRIPTION</b>	AMK8 and AMK-EWS will be activated beside current Catania CT8 and Catania EWS
<b>TRACEABILITY</b>	Dedicated Finished Good Codes
<b>VALIDATION</b>	Included in this communication
<b>REPORTS</b>	12453 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 :** STx315N10x (OD0K): Activation of Singapore as Additional Diffusion Plant and Electrical Wafer Sort (EWS)

**PCN Reference :** ADG/20/12453

**Subject :** Public Products List

Dear Customer,

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

STH315N10F7-2	STH315N10F7-6	STP315N10F7
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