

PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	ADG/22/13689	
1.3 Title of PCN	VNQ7040AYTR, VND7012AYTR, VN7007AHTR, VN7007ALHTR (VH42, VH45, VH54, VH55): Activation of Singapore 8" (SG8) as additional location beside Catania 8" (CT8) for driver in M0-7 Family	
1.4 Product Category	VNQ7040AYTR, VND7012AYTR, VN7007AHTR, VN7007ALHTR	
1.5 Issue date	2022-10-05	

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,Stello Matteo BILLE',Carmelo PISTRITTO
2.1.2 Marketing Manager	Rosario RUGGERI
2.1.3 Quality Manager	Daniela FAZIO

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 AngMoKio SG8 - Singapore Receiving Plant

4. Description of change

	Old	New
4.1 Description	ST CT8 Catania Front End location	ST CT8 Catania and SG8 Singapore Front End locations
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	No Impact	

5. Reason / motivation for change

5.1 Motivation	Double Sourcing and Capacity Improvement
5.2 Customer Benefit	DOUBLE SOURCING

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	2022-09-27
7.2 Intended start of delivery	2022-12-30
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description	13689 Validation.zip		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2022-10-05

9. Attachments (additional documentations)	
13689 Public product.pdf 13689 Validation.zip 13689 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
	VN7007AHTR	
	VN7007ALHTR	
	VND7012AYTR	
	VNQ7040AYTR	

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PRODUCT/PROCESS CHANGE NOTIFICATION

TITLE	VNQ7040AYTR, VND7012AYTR, VN7007AHTR, VN7007ALHTR (VH42, VH45, VH54, VH55): Activation of Singapore 8" (SG8) as additional location beside Catania 8" (CT8) for driver in M0-7 Family																														
IMPACTED PRODUCTS	See enclosed product list and below details																														
	<table> <tr> <th>Commercial Product</th><th>Product Line</th><th>Silicon</th><th>Technology</th></tr> <tr> <td rowspan="2">VNQ7040AYTR</td><td rowspan="2">VH4203</td><td>XV05BDS</td><td>M0L7</td></tr> <tr> <td>VP80AAC</td><td>M05</td></tr> <tr> <td rowspan="2">VND7012AYTR</td><td rowspan="2">VH4503</td><td>XV21BDS</td><td>M0L7</td></tr> <tr> <td>VP81AAC</td><td>M05</td></tr> <tr> <td rowspan="2">VN7007AHTR</td><td rowspan="2">VH5403</td><td>XV47AAS</td><td>M0L7</td></tr> <tr> <td>VP48ABC</td><td>M05</td></tr> <tr> <td rowspan="2">VN7007ALHTR</td><td rowspan="2">VH5503</td><td>XV49AAS</td><td>M0L7</td></tr> <tr> <td>VP48ABC</td><td>M05</td></tr> </table>	Commercial Product	Product Line	Silicon	Technology	VNQ7040AYTR	VH4203	XV05BDS	M0L7	VP80AAC	M05	VND7012AYTR	VH4503	XV21BDS	M0L7	VP81AAC	M05	VN7007AHTR	VH5403	XV47AAS	M0L7	VP48ABC	M05	VN7007ALHTR	VH5503	XV49AAS	M0L7	VP48ABC	M05		
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MANUFACT. STEP	Wafer Diffusion and Electrical Wafer Sort (EWS)																														
INVOLVED PLANT	ST SG8 - AngMoKio – Singapore																														
CHANGE REASON	Capacity Increase and Service Continuity																														
CHANGE DESCRIPTION	Activation SG8 Singapore for M0L7 (Drive Stage) as additional location beside current CT8 Catania																														
TRACEABILITY	Dedicated Finished Good Codes																														
VALIDATION	According to: - AEC-Q100 rev. H - ZVEI id SEM-PW-13 (Move all or parts of production to a different wafer fab site) - ZVEI id SEM-TF-01 (Move of all or part of electrical wafer test and/or final test to a different test site)																														
REPORTS	Validation reports included in this communication																														
IMPLEMENTATION	We are ready to implement the change from December 2022 upon customer agreement																														



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

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PCN Reference : ADG/22/13689

Subject : Public Products List

Dear Customer,

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

VN7007AHTR	VND7012AYTR	VNQ7040AYTR
VN7007ALHTR		



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