

PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company	 STMicroelectronics International N.V
1.2 PCN No.	ADG/23/14036
1.3 Title of PCN	VIPower Hybrid Products (M0S9 and M0L7): Activation of SG8 - Singapore as Additional Location Beside current CT8 – Catania
1.4 Product Category	see list
1.5 Issue date	2023-04-14

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 SG8 - AngMoKio - Singapore (receiving Plant)

4. Description of change

	Old	New
4.1 Description	CT8 Catania Front End location	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	Capacity Increase
5.2 Customer Benefit	CAPACITY INCREASE

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	2023-03-29
7.2 Intended start of delivery	2023-07-02
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description	14036 Validation data.zip
8.2 Qualification report and qualification results	Available (see attachment)

9. Attachments (additional documentations)

14036 Public product.pdf 14036 Validation data.zip 14036 Details.pdf
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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
	VN7003ALHTR	
	VN7004CLHTR	
	VNH7070BASTR	
	VNH7100BASTR	

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PRODUCT/PROCESS CHANGE NOTIFICATION

TITLE	VIPower Hybrid Products (M0S9 and M0L7): Activation of SG8 - Singapore as Additional Location Beside current CT8 – Catania																																
IMPACTED PRODUCTS	<p>See enclosed product list and below details</p> <table border="1"> <thead> <tr> <th>Commercial Product</th> <th>Product Line</th> <th>Silicon</th> <th>Technology</th> </tr> </thead> <tbody> <tr> <td>VN7003ALHTR</td> <td rowspan="2">VH5603</td> <td>XV5003</td> <td>M0L7</td> </tr> <tr> <td>VN7004CLHTR</td> <td>XV4603</td> <td>M0S9</td> </tr> <tr> <td rowspan="2">VNH7070BAS TR</td> <td rowspan="2">VH7303</td> <td>XV5603</td> <td>M0L7</td> </tr> <tr> <td>XV3303</td> <td>M0S9</td> </tr> <tr> <td rowspan="2">VNHD7008AYTR</td> <td rowspan="2">VH7503</td> <td>XV7503</td> <td>M0L7</td> </tr> <tr> <td>XV7603</td> <td>M0S9</td> </tr> <tr> <td rowspan="2">VNH7100BAS TR</td> <td rowspan="2">VH7603</td> <td>XV5803</td> <td>M0L7</td> </tr> <tr> <td>XV3803</td> <td>M0S9</td> </tr> </tbody> </table>				Commercial Product	Product Line	Silicon	Technology	VN7003ALHTR	VH5603	XV5003	M0L7	VN7004CLHTR	XV4603	M0S9	VNH7070BAS TR	VH7303	XV5603	M0L7	XV3303	M0S9	VNHD7008AYTR	VH7503	XV7503	M0L7	XV7603	M0S9	VNH7100BAS TR	VH7603	XV5803	M0L7	XV3803	M0S9
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		XV3803	M0S9																														
MANUFAC. STEP	Wafer Diffusion																																
INVOLVED PLANT	ST SG8 - AngMoKio – Singapore																																
CHANGE REASON	Capacity Increase and Service Continuity																																
CHANGE DESCRIPTION	Activation SG8 Singapore for M0S9 (Power Stage) and M0L7 (Drive Stage) as additional location beside current CT8 Catania																																
TRACEABILITY	Dedicated Finished Good Codes																																
VALIDATION	<p>According to:</p> <ul style="list-style-type: none"> - AEC-Q100 rev. H - ZVEI id SEM-PW-13 (Move all or parts of production to a different wafer fab site) 																																
REPORTS	Validation reports included in this communication																																
IMPLEMENTATION	We are ready to implement the change from July 2023 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

PCN Title : VIPower Hybrid Products (M0S9 and M0L7): Activation of SG8 - Singapore as Additional Location Beside current CT8

– Catania

PCN Reference : ADG/23/14036

Subject : Public Products List

Dear Customer,

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

VNH7100BASTR	VN7003ALHTR	VNH7070BASTR
VN7004CLHTR		

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