

PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	ADG/22/13541	
1.3 Title of PCN	VIPower Hybrid Products M0S9 (Power Stage) and M0L7 (Driver Stage) : Activation of SG8 - Singapore as Additional Location Beside current CT8 - Catania	
1.4 Product Category	see list	
1.5 Issue date	2022-07-26	

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
-----------------	-------------------------------

7. Timing / schedule

7.1 Date of qualification results	2022-06-29
7.2 Intended start of delivery	2022-09-29
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description	13541 Qualification.zip		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2022-07-26

9. Attachments (additional documentations)

13541 Public product.pdf
13541 Qualification.zip
13541 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
	VN7000AYTR	
	VN7003AHTR	
	VN7004CHTR	
	VNH7040AYTR	
	VNH7070ASTR	

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	VIpower Hybrid Products M0S9 (Power Stage) and M0L7 (Driver Stage) : Activation of SG8 - Singapore as Additional Location Beside current CT8 - Catania																																		
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>VN7003AHTR</td><td rowspan="2">VH5303</td><td>XV4503</td><td>M0L7</td></tr> <tr> <td>VN7004CHTR</td><td>XV4603</td><td>M0S9</td></tr> <tr> <td>VNH7040AYTR</td><td rowspan="2">VH7403</td><td>XV3403</td><td>M0L7</td></tr> <tr> <td></td><td>XV3503</td><td>M0S9</td></tr> <tr> <td>VN7000AYTR</td><td rowspan="2">VH8003</td><td>XV5403</td><td>M0L7</td></tr> <tr> <td></td><td>XV5503</td><td>M0S9</td></tr> <tr> <td>VNH7070ASTR</td><td rowspan="2">VH7003</td><td>XV3203</td><td>M0L7</td></tr> <tr> <td></td><td>XV3303</td><td>M0S9</td></tr> </table>	Commercial Product	Product Line	Silicon	Technology	VN7003AHTR	VH5303	XV4503	M0L7	VN7004CHTR	XV4603	M0S9	VNH7040AYTR	VH7403	XV3403	M0L7		XV3503	M0S9	VN7000AYTR	VH8003	XV5403	M0L7		XV5503	M0S9	VNH7070ASTR	VH7003	XV3203	M0L7		XV3303	M0S9		
Commercial Product	Product Line	Silicon	Technology																																
VN7003AHTR	VH5303	XV4503	M0L7																																
VN7004CHTR		XV4603	M0S9																																
VNH7040AYTR	VH7403	XV3403	M0L7																																
		XV3503	M0S9																																
VN7000AYTR	VH8003	XV5403	M0L7																																
		XV5503	M0S9																																
VNH7070ASTR	VH7003	XV3203	M0L7																																
		XV3303	M0S9																																
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 M0S9 (Power Stage) and 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 September 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

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

PCN Reference : ADG/22/13541

Subject : Public Products List

Dear Customer,

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

VNH7040AYTR	VN7004CHTR	VNH7070ASTR
VN7000AYTR	VN7003AHTR	



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.