

PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company	 STMicroelectronics International N.V
1.2 PCN No.	ADG/23/14153
1.3 Title of PCN	VN9D5D20FNTR (XV97): Design Fix
1.4 Product Category	VN9D5D20FNTR
1.5 Issue date	2023-05-29

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	Carmelo PISTRITTO
2.2.2 Marketing Manager	Rosario RUGGERI
2.2.3 Quality Manager	Daniela FAZIO

3. Change

3.1 Category	3.2 Type of change	3.3 Manufacturing Location
General Product & Design	Die redesign : Mask or mask set change with new die design like metallization (specifically chip frontside) or bug fix	NA

4. Description of change

	Old	New
4.1 Description	Silicon revision CC	Silicon revision CF
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	No Impact	

5. Reason / motivation for change

5.1 Motivation	To fix STG fail
5.2 Customer Benefit	QUALITY IMPROVEMENT

6. Marking of parts / traceability of change

6.1 Description	Dedicated Finished Good Codes No Additional Marking Digits on package
-----------------	--

7. Timing / schedule

7.1 Date of qualification results	2023-05-22
7.2 Intended start of delivery	2023-08-31
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description	14153 Validation_add_details.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2023-05-29

9. Attachments (additional documentations)

14153 Public product.pdf
14153 Validation_add_details.pdf
14153 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
	VN9D5D20FNTR	

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.

© 2022 STMicroelectronics – All rights reserved

PRODUCT/PROCESS CHANGE NOTIFICATION

TITLE	VN9D5D20FN (XV97): Design Fix											
IMPACTED PRODUCTS	ST silicon line XV97 assembled in QFN 6x6x1 32: VN9D5D20FNTR											
MANUFACT. STEP	Diffusion											
INVOLVED PLANT	ST CT8 - Catania Italy											
CHANGE REASON	To fix STG fail											
CHANGE DESCRIPTION	New silicon revision will be implementation for STG fail correction. Current silicon revision CC, new silicon revision CF. See below description and correction of the problem.											
TRACEABILITY	Dedicated Finished Good Codes											
VALIDATION	Validation will be performed as per ZVEI guidelines											
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%; text-align: center;">SEM-DE-02</td> <td style="width: 80%; text-align: center;">Design changes in routing.¹⁾</td> <td style="width: 10%; text-align: center;">P</td> <td style="width: 10%; text-align: center;">P</td> <td style="width: 10%; text-align: center;">Any change of wiring between elements in chip design / layout with effect on data sheet. ²⁾ Not included: Modification to adjust product parameter within specified design rules.</td> <td style="width: 10%; text-align: center;">e.g. mask changes in metal fix for corrective action (based on external 8D report)</td> </tr> </table>						SEM-DE-02	Design changes in routing. ¹⁾	P	P	Any change of wiring between elements in chip design / layout with effect on data sheet. ²⁾ Not included: Modification to adjust product parameter within specified design rules.	e.g. mask changes in metal fix for corrective action (based on external 8D report)
SEM-DE-02	Design changes in routing. ¹⁾	P	P	Any change of wiring between elements in chip design / layout with effect on data sheet. ²⁾ Not included: Modification to adjust product parameter within specified design rules.	e.g. mask changes in metal fix for corrective action (based on external 8D report)							
IMPLEMENT.	Activation, expected within August 2023											

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 : VN9D5D20FNTR (XV97): Design Fix

PCN Reference : ADG/23/14153

Subject : Public Products List

Dear Customer,

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

VN9D5D20FNTR		
--------------	--	--

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.

© 2022 STMicroelectronics – All rights reserved