


# 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
2.1.2 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
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
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## 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
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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
	VN9D5D20FNTR	

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## 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 implemetation 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><tr><td>X</td><td>SEM-DE-02</td><td>Design changes in routing - <sup>1)</sup></td><td>P</td><td>P</td><td>Any change of wiring between elements in chip design / layout with effect on data sheet <sup>1)</sup> Not included: Modification to adjust product parameter within specified design rules.</td><td>e.g. mask changes in metal fix for corrective action (based on external 8D report)</td></tr></table>							X	SEM-DE-02	Design changes in routing - <sup>1)</sup>	P	P	Any change of wiring between elements in chip design / layout with effect on data sheet <sup>1)</sup> 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)
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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		
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