


# PRODUCT / PROCESS CHANGE NOTIFICATION

## 1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	ANALOG MEMS SENSORS/24/15005	
1.3 Title of PCN	Die Silicon revision for Viper11 products family.	
1.4 Product Category	Pls Refer to the Products list.	
1.5 Issue date	2024-10-10	

## 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	Domenico ARRIGO
2.1.2 Marketing Manager	Gabriele GHERDOVICH
2.1.3 Quality Manager	Alessandro PLATINI

## 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	0152- CATANIA   0899 AMK EWS   999L TSHT

## 4. Description of change

	Old	New
4.1 Description	Die Silicon version: AC.	Die Silicon version: BA.
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	No Impact	

## 5. Reason / motivation for change

5.1 Motivation	To remove unexpected current spike at very specific operation condition.
5.2 Customer Benefit	QUALITY IMPROVEMENT

## 6. Marking of parts / traceability of change

6.1 Description	New FGs
-----------------	---------

## 7. Timing / schedule

7.1 Date of qualification results	2024-10-07
7.2 Intended start of delivery	2025-01-10
7.3 Qualification sample available?	Upon Request

## 8. Qualification / Validation

8.1 Description	15005 Application_report.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2024-10-10

## 9. Attachments (additional documentations)

15005 Public product.pdf  
15005 Application\_report.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
	VIPER113LSTR	
	VIPER113XSTR	
	VIPER114HSTR	
	VIPER114LSTR	
	VIPER114XSTR	
	VIPER115HSTR	
	VIPER115LSTR	
	VIPER115XSTR	
	VIPER222LSTR	
	VIPER222XSTR	

## **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



## 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 :** Die Silicon revision for Viper11 products family.

**PCN Reference :** ANALOG MEMS SENSORS/24/15005

**Subject :** Public Products List

Dear Customer,

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

VIPER114XSTR	VIPER222XSTR	VIPER222LSTR
VIPER115HSTR	VIPER115LSTR	VIPER114HSTR
VIPER113LSTR	VIPER113XSTR	VIPER114LSTR
VIPER115XSTR		

**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