

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 |
| 2.2.2 Marketing Manager | Gabriele GHERDOVICH |
| 2.2.3 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 |
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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 |
| | VIPER113LSTR | |
| | VIPER113XSTR | |
| | VIPER114HSTR | |
| | VIPER114LSTR | |
| | VIPER114XSTR | |
| | VIPER115HSTR | |
| | VIPER115LSTR | |
| | VIPER115XSTR | |
| | VIPER222LSTR | |
| | VIPER222XSTR | |

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Public Products List

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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 | | |

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