

## PRODUCT / PROCESS CHANGE NOTIFICATION

### 1. PCN basic data

|                      |   |  |
|----------------------|---|--|
| 1.1 Company          |  | STMicroelectronics International N.V                               |
| 1.2 PCN No.          |   | AMS/19/11266   |
| 1.3 Title of PCN     |   | IDlim parameter: Limits change at Final Test on VIPER11X products. |
| 1.4 Product Category |   | See Products List  |
| 1.5 Issue date       |   | 2019-02-11   |

### 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     | Fulvio PULICELLI         |
| 2.1.2 Marketing Manager   | Giacomo MERCADANTE       |
| 2.1.3 Quality Manager     | Alessandro PLATINI       |

### 3. Change

| 3.1 Category             | 3.2 Type of change  | 3.3 Manufacturing Location   |
|--------------------------|---|--|
| General Product & Design | Modification of datasheet :parameters/electrical specification (min./max./typ. values) and/or AC/DC specification | FE Plant:<br>Catania, Italy (Controller die) and AMK,<br>Singapore (Mosfet die);<br>Assy and FT: Bouskura (Morocco), TSHT<br>(China) |

### 4. Description of change

|   | Old  | New  |
|---|--|--|
| 4.1 Description   | IDlim limits are +/- 3%<br>DATASHEET rev.2 | IDlim limits are +/- 5%<br>DATASHEET rev.3 |
| 4.2 Anticipated Impact on form,fit, function, quality, reliability or processability? | No Impact                                  |  |

### 5. Reason / motivation for change

|                      |  |
|----------------------|--|
| 5.1 Motivation       | The implementation of the change improves the yield at Final test. |
| 5.2 Customer Benefit | YIELD IMPROVEMENT  |

### 6. Marking of parts / traceability of change

|                 |                      |
|-----------------|----------------------|
| 6.1 Description | New DATASHEET (rev3) |
|-----------------|----------------------|

### 7. Timing / schedule

|                                     |              |
|-------------------------------------|--------------|
| 7.1 Date of qualification results   | 2019-03-17   |
| 7.2 Intended start of delivery      | 2019-06-08   |
| 7.3 Qualification sample available? | Upon Request |

### 8. Qualification / Validation

|  |             |
|--|-------------|
| 8.1 Description                                    |             |
| 8.2 Qualification report and qualification results | In progress |

**9. Attachments (additional documentations)**

11266 Public product.pdf

**10. Affected parts**

| <b>10. 1 Current</b>           |                                | <b>10.2 New (if applicable)</b> |
|--------------------------------|--------------------------------|---------------------------------|
| <b>10.1.1 Customer Part No</b> | <b>10.1.2 Supplier Part No</b> | <b>10.1.2 Supplier Part No</b>  |
|                                | VIPER114LSTR                   |                                 |
|                                | VIPER115LSTR                   |                                 |
|                                | VIPER115XSTR                   |                                 |

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## Public Products List

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**PCN Title :** IDlim parameter: Limits change at Final Test on VIPER11X products.

**PCN Reference :** AMS/19/11266

**Subject :** Public Products List

Dear Customer,

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

|              |              |              |
|--------------|--------------|--------------|
| VIPER115XSTR | VIPER115LSTR | VIPER114LSTR |
|--------------|--------------|--------------|



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