


**PRODUCT / PROCESS CHANGE NOTIFICATION**

**1. PCN basic data**

|                             |   |                                      |
|-----------------------------|---|--------------------------------------|
| <b>1.1 Company</b>          |  | STMicroelectronics International N.V |
| <b>1.2 PCN No.</b>          | AMS/22/13129  |                                      |
| <b>1.3 Title of PCN</b>     | BOM Changes (LF plating and DA) on VIPER products (TFME subcon as assy plant).    |                                      |
| <b>1.4 Product Category</b> | Pls Refer to the enclosed Products List.  |                                      |
| <b>1.5 Issue date</b>       | 2022-01-10  |                                      |

**2. PCN Team**

|                                  |                          |
|----------------------------------|--------------------------|
| <b>2.1 Contact supplier</b>      |                          |
| <b>2.1.1 Name</b>                | ROBERTSON HEATHER        |
| <b>2.1.2 Phone</b>               | +1 8475853058            |
| <b>2.1.3 Email</b>               | heather.robertson@st.com |
| <b>2.2 Change responsibility</b> |                          |
| <b>2.2.1 Product Manager</b>     | Domenico ARRIGO          |
| <b>2.1.2 Marketing Manager</b>   | Vittorio GIAMMELLO       |
| <b>2.1.3 Quality Manager</b>     | Alessandro PLATINI       |

**3. Change**

|                     |  |                                   |
|---------------------|--|-----------------------------------|
| <b>3.1 Category</b> | <b>3.2 Type of change</b>  | <b>3.3 Manufacturing Location</b> |
| Materials           | New direct material part number (same supplier, different supplier or new supplier), Die Attach material | TFME subcon as assy plant         |

**4. Description of change**

|   |  |   |
|---|--|---|
|   | <b>Old</b>   | <b>New</b>  |
| <b>4.1 Description</b>  | Leadframe Die Attach Pad: Ag Plated<br>Die Attach Material: Ablestik 8390S | Leadframe Die Attach Pad: Ag Plated with Cu Ring<br>Die Attach Material: Ablebond 8200T |
| <b>4.2 Anticipated Impact on form, fit, function, quality, reliability or processability?</b> | No Impact on form, fit, function, reliability, or processability.          |   |

**5. Reason / motivation for change**

|                             |   |
|-----------------------------|---|
| <b>5.1 Motivation</b>       | Standardization of materials within the product family. |
| <b>5.2 Customer Benefit</b> | MANUFACTURING FLEXIBILITY                               |

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

|                        |         |
|------------------------|---------|
| <b>6.1 Description</b> | New FGs |
|------------------------|---------|

**7. Timing / schedule**

|  |              |
|--|--------------|
| <b>7.1 Date of qualification results</b>   | 2021-03-05   |
| <b>7.2 Intended start of delivery</b>      | 2022-07-08   |
| <b>7.3 Qualification sample available?</b> | Upon Request |

**8. Qualification / Validation**

|   |                            |                   |            |
|---|----------------------------|-------------------|------------|
| <b>8.1 Description</b>                                    | 13129 RR_DIP7 and DIP8.zip |                   |            |
| <b>8.2 Qualification report and qualification results</b> | Available (see attachment) | <b>Issue Date</b> | 2022-01-10 |

**9. Attachments (additional documentations)**

13129 Public product.pdf  
13129 RR\_DIP7 and DIP8.zip

**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  |
|                         | VIPER06HN               |                          |
|                         | VIPER06LN               |                          |
|                         | VIPER06XN               |                          |
|                         | VIPER16HN               |                          |
|                         | VIPER16LN               |                          |
|                         | VIPER17HN               |                          |
|                         | VIPER17LN               |                          |
|                         | VIPER26HN               |                          |
|                         | VIPER26LN               |                          |
|                         | VIPER27HN               |                          |
|                         | VIPER27LN               |                          |
|                         | VIPER28HN               |                          |
|                         | VIPER28LN               |                          |

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## 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** : BOM Changes (LF plating and DA) on VIPER products (TFME subcon as assy plant).

**PCN Reference** : AMS/22/13129

**Subject** : Public Products List

Dear Customer,

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

|           |           |           |
|-----------|-----------|-----------|
| VIPER26LN | VIPER17HN | VIPER26HN |
| VIPER06XN | VIPER27HN | VIPER16LN |
| VIPER06LN | VIPER17LN | VIPER27LN |
| VIPER06HN | VIPER16HN | VIPER28HN |
| VIPER28LN |           |           |



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