


**PRODUCT / PROCESS CHANGE NOTIFICATION**

**1. PCN basic data**

|                             |   |                                      |
|-----------------------------|---|--------------------------------------|
| <b>1.1 Company</b>          |                          | STMicroelectronics International N.V |
| <b>1.2 PCN No.</b>          | ADG/21/12697  |                                      |
| <b>1.3 Title of PCN</b>     | DPAK 3 mils Al Gate wire, Dual Gauge Matrix, Large Die Pad capacity expansion - TFME (China) - INDUSTRIAL |                                      |
| <b>1.4 Product Category</b> | Power MOSFET HV   |                                      |
| <b>1.5 Issue date</b>       | 2021-03-30  |                                      |

**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>     | Maurizio GIUDICE         |
| <b>2.1.2 Marketing Manager</b>   | Paolo PETRALI            |
| <b>2.1.3 Quality Manager</b>     | Vincenzo MILITANO        |

**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), Lead frame base material | TFME (China)                      |

**4. Description of change**

|   |  |   |
|---|--|---|
|   | <b>Old</b>   | <b>New</b>  |
| <b>4.1 Description</b>  | DPAK 3 mils Al Gate wire, Dual Gauge Matrix, Large Die Pad is manufactured in Shenzhen (China) | DPAK 3 mils Al Gate wire, Dual Gauge Matrix, Large Die Pad is also manufactured in TFME (China) |
| <b>4.2 Anticipated Impact on form, fit, function, quality, reliability or processability?</b> | no impacat   |   |

**5. Reason / motivation for change**

|                             |                                  |
|-----------------------------|----------------------------------|
| <b>5.1 Motivation</b>       | DPAK back-end Capacity Extension |
| <b>5.2 Customer Benefit</b> | CAPACITY INCREASE                |

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

|                        |  |
|------------------------|--|
| <b>6.1 Description</b> | By internal traceability and dedicated FG code |
|------------------------|--|

**7. Timing / schedule**

|  |              |
|--|--------------|
| <b>7.1 Date of qualification results</b>   | 2021-03-22   |
| <b>7.2 Intended start of delivery</b>      | 2021-06-23   |
| <b>7.3 Qualification sample available?</b> | Upon Request |

**8. Qualification / Validation**

|   |                            |                   |            |
|---|----------------------------|-------------------|------------|
| <b>8.1 Description</b>                                    | 12697 Rel-01-Mar.pdf       |                   |            |
| <b>8.2 Qualification report and qualification results</b> | Available (see attachment) | <b>Issue Date</b> | 2021-03-30 |

**9. Attachments (additional documentations)**

12697 Public product.pdf  
12697 DPAK 3 mils Al Dual Gauge Matrix Large Die Pad capacity expansion - TFME (China).pdf  
12697 Rel-01-Mar.pdf  
12697 POA Comparison.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  |
|                         | STD12N60DM6             |                          |
|                         | STD15N60DM6             |                          |



## 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 :** DPAK 3 mils Al Gate wire, Dual Gauge Matrix, Large Die Pad capacity expansion - TFME (China) - INDUSTRIAL

**PCN Reference :** ADG/21/12697

**Subject :** Public Products List

Dear Customer,

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

|             |            |             |
|-------------|------------|-------------|
| STD12N60DM6 | STD13N60M6 | STD12N60M6  |
| STD16N60M6  | STD11N60M6 | STD15N60DM6 |



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