


**PRODUCT / PROCESS CHANGE NOTIFICATION**

**1. PCN basic data**

|                             |   |                                      |
|-----------------------------|---|--------------------------------------|
| <b>1.1 Company</b>          |                                    | STMicroelectronics International N.V |
| <b>1.2 PCN No.</b>          | ADG/20/12472  |                                      |
| <b>1.3 Title of PCN</b>     | MDmesh™ DM6 Technology Power MOSFET Transistors 8" Wafer Front-end Capacity Extension (SG8" Singapore) - AUTOMOTIVE |                                      |
| <b>1.4 Product Category</b> | Power MOSFET HV   |                                      |
| <b>1.5 Issue date</b>       | 2020-12-09  |                                      |

**2. PCN Team**

|                                  |                         |
|----------------------------------|-------------------------|
| <b>2.1 Contact supplier</b>      |                         |
| <b>2.1.1 Name</b>                | NEMETH KRISZTINA        |
| <b>2.1.2 Phone</b>               | +49 89460062210         |
| <b>2.1.3 Email</b>               | krisztina.nemeth@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> |
| Transfer            | Line transfer for a full process or process brick (process step, control plan, recipes) from one site to another site: Wafer fabrication | SG8" (Singapore)                  |

**4. Description of change**

|   |   |  |
|---|---|--|
|   | <b>Old</b>  | <b>New</b>   |
| <b>4.1 Description</b>  | MDmesh™ DM6 Technology is manufactured in the 6" wafer line of (SG6" Singapore) | MDmesh™ DM6 Technology will be manufactured in the 8" wafer line of (SG8" Singapore) |
| <b>4.2 Anticipated Impact on form, fit, function, quality, reliability or processability?</b> | no impact   |  |

**5. Reason / motivation for change**

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

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

|                        |                            |
|------------------------|----------------------------|
| <b>6.1 Description</b> | by FG code and Q.A. number |
|------------------------|----------------------------|

**7. Timing / schedule**

|  |              |
|--|--------------|
| <b>7.1 Date of qualification results</b>   | 2020-11-18   |
| <b>7.2 Intended start of delivery</b>      | 2021-05-20   |
| <b>7.3 Qualification sample available?</b> | Upon Request |

**8. Qualification / Validation**

|   |                            |                   |            |
|---|----------------------------|-------------------|------------|
| <b>8.1 Description</b>                                    | 12472 Rel08-2020_V2.pdf    |                   |            |
| <b>8.2 Qualification report and qualification results</b> | Available (see attachment) | <b>Issue Date</b> | 2020-12-09 |

**9. Attachments (additional documentations)**

12472 Public product.pdf  
12472 MDmesh&#8482; DM6 Tech Power MOSFET Trans 8 Wafer Front-end Capacity Extension - SG8.pdf  
12472 Rel08-2020\_V2.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  |
| 2980942                 | STB47N60DM6AG           |                          |
| 3011599                 | STH47N60DM6-2AG         |                          |
| 3489520                 | STI47N60DM6AG           |                          |

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