


PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

| | | |
|-----------------------------|---|--------------------------------------|
| 1.1 Company |  | STMicroelectronics International N.V |
| 1.2 PCN No. | ADG/18/11030 | |
| 1.3 Title of PCN | MDmesh M2 Technology 8" Wafer Front-end Capacity Extension - Ang Mo Kio (Singapore) | |
| 1.4 Product Category | MDmesh M2 Technology | |
| 1.5 Issue date | 2018-08-03 | |

2. PCN Team

| | |
|----------------------------------|----------------------------|
| 2.1 Contact supplier | |
| 2.1.1 Name | MARCELI SMIALKOWSKI |
| 2.1.2 Phone | +44 1628896277 |
| 2.1.3 Email | marceli.smialkowski@st.com |
| 2.2 Change responsibility | |
| 2.2.1 Product Manager | Maurizio GIUDICE |
| 2.1.2 Marketing Manager | Paolo PETRALI |
| 2.1.3 Quality Manager | Vincenzo MILITANO |

3. Change

| | | |
|---------------------|-----------------------------|-----------------------------------|
| 3.1 Category | 3.2 Type of change | 3.3 Manufacturing Location |
| General | Wafer diameter modification | AMK Singapore |

4. Description of change

| | | |
|--|--|--|
| | Old | New |
| 4.1 Description | MDmesh M2 Technology manufactured in the 6" wafer line of Ang Mo Kio (Singapore) | MDmesh M2 Technology will be manufactured in the 8" wafer line of Ang Mo Kio (Singapore) |
| 4.2 Anticipated Impact on form,fit, function, quality, reliability or processability? | no impact | |

5. Reason / motivation for change

| | |
|-----------------------------|---------------------------|
| 5.1 Motivation | Capacity Extension |
| 5.2 Customer Benefit | MANUFACTURING FLEXIBILITY |

6. Marking of parts / traceability of change

| | |
|------------------------|----------------------------|
| 6.1 Description | by FG code and Q.A. number |
|------------------------|----------------------------|

7. Timing / schedule

| | |
|--|--------------|
| 7.1 Date of qualification results | 2018-07-26 |
| 7.2 Intended start of delivery | 2018-11-04 |
| 7.3 Qualification sample available? | Upon Request |

8. Qualification / Validation

| | | | |
|---|----------------------------|-------------------|------------|
| 8.1 Description | 11030 Rel15_18.pdf | | |
| 8.2 Qualification report and qualification results | Available (see attachment) | Issue Date | 2018-08-03 |

9. Attachments (additional documentations)

11030 Public product.pdf
 11030 MDmesh M2 8" Wafer Front-end Capacity Extension - Ang Mo Kio (Singapore)....pdf
 11030 Rel15_18.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 |
| | STB24N65M2 | |
| | STW56N65M2 | |

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Public Products List

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PCN Title : MDmesh M2 Technology 8" Wafer Front-end Capacity Extension - Ang Mo Kio (Singapore)

PCN Reference : ADG/18/11030

Subject : Public Products List

Dear Customer,

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

| | | |
|-------------|-------------|------------------|
| STF28N65M2 | STD6N65M2 | STB6N65M2 |
| STP18N65M2 | STU11N65M2 | STW40N65M2 |
| STFU18N65M2 | STW70N65M2 | STU7N65M2 |
| STL13N65M2 | STFU28N65M2 | STP13N65M2 |
| STD7N65M2 | STL16N65M2 | STU6N65M2 |
| STF40N65M2 | STF13N65M2 | STI18N65M2 |
| STP11N65M2 | STF9N65M2 | STW56N65M2-4 |
| STFU13N65M2 | STF33N65M2 | STU9N65M2 |
| STF11N65M2 | STP40N65M2 | STU13N65M2 |
| STD16N65M2 | STB28N65M2 | STFU16N65M2 |
| STP16N65M2 | STB33N65M2 | STD9N65M2 |
| STW28N65M2 | STI33N65M2 | STF24N65M2 |
| STI40N65M2 | STF6N65M2 | STFU9N65M2 |
| STD11N65M2 | STL12N65M2 | STP6N65M2 |
| STP7N65M2 | STB24N65M2 | STL3N65M2 |
| STP24N65M2 | STL33N65M2 | STF11N65M2(045Y) |
| STD13N65M2 | STD12N65M2 | STW56N65M2 |
| STL18N65M2 | STF7N65M2 | STF16N65M2 |
| STP9N65M2 | STP33N65M2 | STU16N65M2 |
| STL10N65M2 | STP28N65M2 | STF12N65M2 |
| STF18N65M2 | | |



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