


**PRODUCT / PROCESS CHANGE NOTIFICATION**

**1. PCN basic data**

|                      |   |                                      |
|----------------------|---|--------------------------------------|
| 1.1 Company          |    | STMicroelectronics International N.V |
| 1.2 PCN No.          | AMS/18/10777  |                                      |
| 1.3 Title of PCN     | Qualification of ST Shenzhen as Assembly and Test & Finishing site for selected General Purpose Analog and Industrial & Power Conversion products in SO16 package |                                      |
| 1.4 Product Category | Selected attached file  |                                      |
| 1.5 Issue date       | 2018-04-06  |                                      |

**2. PCN Team**

|                                  |                              |
|----------------------------------|------------------------------|
| <b>2.1 Contact supplier</b>      |                              |
| 2.1.1 Name                       | ROBERTSON HEATHER            |
| 2.1.2 Phone                      | +1 8475853058                |
| 2.1.3 Email                      | heather.robertson@st.com     |
| <b>2.2 Change responsibility</b> |                              |
| 2.2.1 Product Manager            | Matteo LO PRESTI             |
| 2.1.2 Marketing Manager          | Lorenzo NASO,Domenico ARRIGO |
| 2.1.3 Quality Manager            | Paolo MORETTI                |

**3. Change**

|              |   |                            |
|--------------|---|----------------------------|
| 3.1 Category | 3.2 Type of change  | 3.3 Manufacturing Location |
| Transfer     | Line transfer for a full process or process brick (process step, control plan, recipes) from one site to another site: Assembly site (SOP 2617) | ST Shenzhen (China)        |

**4. Description of change**

|   |   |  |
|---|---|--|
|   | Old   | New  |
| 4.1 Description   | <p>Assembly and Test &amp; Finishing site (except TSM104) :</p> <ul style="list-style-type: none"> <li>- ST Bouskoura (Morocco)</li> </ul> <p>For TSM104WAID and TSM104WAIDT only :</p> <p>Assembly and Test &amp; Finishing site :</p> <ul style="list-style-type: none"> <li>- Subcontractor Amkor (Philippines)</li> </ul> | <p>Assembly and Test &amp; Finishing site (except TSM104) :</p> <ul style="list-style-type: none"> <li>- ST Bouskoura (Morocco)</li> <li>- ST Shenzhen (China)</li> </ul> <p>For TSM104WAID and TSM104WAIDT only :</p> <p>Assembly :</p> <ul style="list-style-type: none"> <li>- Subcontractor Amkor (Philippines)</li> </ul> <p>Test &amp; Finishing :</p> <ul style="list-style-type: none"> <li>- ST Shenzhen (China)</li> </ul> |
| 4.2 Anticipated Impact on form,fit, function, quality, reliability or processability? | No impact   |  |

**5. Reason / motivation for change**

|                      |  |
|----------------------|--|
| 5.1 Motivation       | This additional plant will allow us to increase efficiency and production capacity. Customers demand will be better supported. |
| 5.2 Customer Benefit | SERVICE IMPROVEMENT  |

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

|                 |                         |
|-----------------|-------------------------|
| 6.1 Description | New finished good codes |
|-----------------|-------------------------|

**7. Timing / schedule**

|                                     |              |
|-------------------------------------|--------------|
| 7.1 Date of qualification results   | 2018-03-12   |
| 7.2 Intended start of delivery      | 2018-06-30   |
| 7.3 Qualification sample available? | Upon Request |

| 8. Qualification / Validation                      |                                    |            |            |
|--|------------------------------------|------------|------------|
| 8.1 Description                                    | 10777 10777Qual Report_SO16-f_.pdf |            |            |
| 8.2 Qualification report and qualification results | Available (see attachment)         | Issue Date | 2018-04-06 |

| 9. Attachments (additional documentations)                     |
|--|
| 10777 Public product.pdf<br>10777 10777Qual Report_SO16-f_.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  |
| ST202BDR                | ST202BDR                |                          |
| ST202CDR                | ST202CDR                |                          |
| ST202EBDR               | ST202EBDR               |                          |
| ST202ECDR               | ST202ECDR               |                          |
| ST232ABDR               | ST232ABDR               |                          |
| ST232ACDR               | ST232ACDR               |                          |
| ST232BDR                | ST232BDR                |                          |
| ST232CDR                | ST232CDR                |                          |
| ST232EBDR               | ST232EBDR               |                          |
| ST232ECDR               | ST232ECDR               |                          |
| ST26C31BDR              | ST26C31BDR              |                          |
| ST26C32ABDR             | ST26C32ABDR             |                          |
| ST3232BDR               | ST3232BDR               |                          |
| ST3232CDR               | ST3232CDR               |                          |
| ST3232EBDR              | ST3232EBDR              |                          |
| ST3232ECDR              | ST3232ECDR              |                          |
|                         | ST8034ATDT              |                          |
|                         | ST8034TDT               |                          |
|                         | STP08CP05MTR            |                          |
|                         | STP08DP05MTR            |                          |
| STPIC6C595MTR           | STPIC6C595MTR           |                          |
|                         | STPIC6D595MTR           |                          |
| TSM102ID                | TSM102ID                |                          |
| TSM102IDT               | TSM102IDT               |                          |

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## Public Products List

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**PCN Title :** Qualification of ST Shenzhen as Assembly and Test & Finishing site for selected General Purpose Analog and Industrial & Power Conversion products in SO16 package

**PCN Reference :** AMS/18/10777

**Subject :** Public Products List

Dear Customer,

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

|               |               |              |
|---------------|---------------|--------------|
| TSM102IDT     | ST232BDR      | TSM102AID    |
| ST26C32ABDR   | TSM102AIDT    | ST3232CDR    |
| ST202CDR      | ST232ABDR     | TSM104WAIDT  |
| ST232EBDR     | ST232ECDR     | ST202BDR     |
| ST202ECDR     | STPIC6D595MTR | ST3232EBDR   |
| STPIC6C595MTR | ST232ACDR     | ST232CDR     |
| ST8034TDT     | ST202EBDR     | TSM102ID     |
| ST3232ECDR    | ST3232BDR     | STP08DP05MTR |
| TSM104WAID    | ST8034ATDT    | STP08CP05MTR |
| ST26C31BDR    |               |              |



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