


# PRODUCT / PROCESS CHANGE NOTIFICATION

## 1. PCN basic data

|                      |  |
|----------------------|--|
| 1.1 Company          |  STMicroelectronics International N.V |
| 1.2 PCN No.          | ANALOG MEMS SENSORS/24/15055   |
| 1.3 Title of PCN     | Qualification of SO8 exposed pad package products in TSHT (Automotive products)  |
| 1.4 Product Category | See product list   |
| 1.5 Issue date       | 2024-11-06   |

## 2. PCN Team

|                           |                          |
|---------------------------|--------------------------|
| 2.1 Contact supplier      |                          |
| 2.1.1 Name                | ROBERTSON HEATHER        |
| 2.1.2 Phone               | +1 8475853058            |
| 2.1.3 Email               | heather.robertson@st.com |
| 2.2 Change responsibility |                          |
| 2.2.1 Product Manager     | Marcello SAN BIAGIO      |
| 2.1.2 Marketing Manager   | Salvatore DI VINCENZO    |
| 2.1.3 Quality Manager     | Jean-Marc BUGNARD        |

## 3. Change

|              |   |                                  |
|--------------|---|----------------------------------|
| 3.1 Category | 3.2 Type of change  | 3.3 Manufacturing Location       |
| Transfer     | Product transfer from one site to another site, even if test or process line is qualified | See details in description field |

## 4. Description of change

|   |  |  |
|---|--|--|
|   | Old  | New  |
| 4.1 Description   | - Assembly Plant (ATP) with Test Plant (BSK)<br>- Assembly Plant (ATP) with Test Plant (ST-Shenzhen) | - Assembly Plant (ATP) with Test Plant (BSK)<br>- Assembly Plant (ATP) with Test Plant (ST-Shenzhen)<br>- Assembly Plant (TSHT) with Test Plant (TSHT)<br>- Assembly Plant (TSHT) with Test Pant (ST-Shenzhen) |
| 4.2 Anticipated Impact on form,fit, function, quality, reliability or processability? | No impact  |  |

## 5. Reason / motivation for change

|                      |   |
|----------------------|---|
| 5.1 Motivation       | Additional Capacity in TSHT to provide best in class delivery service to our customers. |
| 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   | 2025-02-28   |
| 7.2 Intended start of delivery      | 2025-05-15   |
| 7.3 Qualification sample available? | Upon Request |

## 8. Qualification / Validation

|  |  |            |            |
|--|--|------------|------------|
| 8.1 Description                                    | 15055 PCN report_TSHT_SO8epad automotive.pdf |            |            |
| 8.2 Qualification report and qualification results | Available (see attachment)                   | Issue Date | 2024-11-06 |

| 9. Attachments (additional documentations)                                 |
|--|
| 15055 Public product.pdf<br>15055 PCN report_ TSHT_ SO8epad automotive.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  |
|                         | A5973ADTR               |                          |
|                         | A5973D013TR             |                          |
|                         | A5975ADTR               |                          |
|                         | A5975DTR                |                          |
|                         | A7985ATR                |                          |
|                         | A7986ATR                |                          |
|                         | TS982IYDWT              |                          |

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## Public Products List

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**PCN Title :** Qualification of SO8 exposed pad package products in TSHT (Automotive products)

**PCN Reference :** ANALOG MEMS SENSORS/24/15055

**Subject :** Public Products List

Dear Customer,

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

|            |          |             |
|------------|----------|-------------|
| A5973ADTR  | A5975DTR | A5973D013TR |
| A7985ATR   | A7986ATR | A5975ADTR   |
| TS982IYDWT |          |             |

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