


**PRODUCT / PROCESS CHANGE NOTIFICATION**

**1. PCN basic data**

|                      |   |                                      |
|----------------------|---|--------------------------------------|
| 1.1 Company          |  | STMicroelectronics International N.V |
| 1.2 PCN No.          | ANALOG MEMS SENSORS/24/14877  |                                      |
| 1.3 Title of PCN     | Leadframe change on selected QFN 8x6 devices.                                     |                                      |
| 1.4 Product Category | Pls refer to the Product List   |                                      |
| 1.5 Issue date       | 2024-07-23  |                                      |

**2. PCN Team**

|                           |                    |
|---------------------------|--------------------|
| 2.1 Contact supplier      |                    |
| 2.1.1 Name                | PIKE EMMA          |
| 2.1.2 Phone               | +44 1628896111     |
| 2.1.3 Email               | emma.pike@st.com   |
| 2.2 Change responsibility |                    |
| 2.2.1 Product Manager     | Domenico ARRIGO    |
| 2.1.2 Marketing Manager   | Maurizio GRECO     |
| 2.1.3 Quality Manager     | Alessandro PLATINI |

**3. Change**

|              |  |                                   |
|--------------|--|-----------------------------------|
| 3.1 Category | 3.2 Type of change   | 3.3 Manufacturing Location        |
| Materials    | Direct Material: Leadframe - Alternate Raw Material Supplier (same specification/properties, qualified supplier) | CA2A---ST - Calamba - Philippines |

**4. Description of change**

|   |                         |                |
|---|-------------------------|----------------|
|   | Old                     | New            |
| 4.1 Description   | PPF (Pre Plated Frame). | SelAg (Frame). |
| 4.2 Anticipated Impact on form,fit, function, quality, reliability or processability? | No Impact               |                |

**5. Reason / motivation for change**

|                      |   |
|----------------------|---|
| 5.1 Motivation       | Change to new SelAg Leadframe due to no possibility to guarantee from Supplier the right capacity support level on PPF Leadframe. |
| 5.2 Customer Benefit | SERVICE CONTINUITY  |

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

|                 |         |
|-----------------|---------|
| 6.1 Description | New FGs |
|-----------------|---------|

**7. Timing / schedule**

|                                     |              |
|-------------------------------------|--------------|
| 7.1 Date of qualification results   | 2024-10-11   |
| 7.2 Intended start of delivery      | 2024-10-11   |
| 7.3 Qualification sample available? | Upon Request |

**8. Qualification / Validation**

|  |             |            |  |
|--|-------------|------------|--|
| 8.1 Description                                    |             |            |  |
| 8.2 Qualification report and qualification results | In progress | Issue Date |  |

**9. Attachments (additional documentations)**

|                          |
|--------------------------|
| 14877 Public product.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  |
|                         | IPS1025HFQ              |                          |
|                         | IPS1025HQ               |                          |
|                         | IPS1025HQ-32            |                          |
|                         | IPS2050HQ               |                          |
|                         | IPS2050HQ-32            |                          |
|                         | IPS8160HQ               |                          |

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