

# PRODUCT / PROCESS CHANGE NOTIFICATION

## 1. PCN basic data

|                      |                                                                                                                                                                                                                |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.1 Company          |  STMicroelectronics International N.V                                                                                         |
| 1.2 PCN No.          | EMBEDDED PROCESSING/25/15429                                                                                                                                                                                   |
| 1.3 Title of PCN     | ASE KaoHsiung (Taiwan) LQFP24x24 standardized package introduction on STM32F2x/F4x/F7x and STM32H5x listed products.                                                                                           |
| 1.4 Product Category | STM32F207x, STM32F217x, STM32F407x, STM32F417x, STM32F427x, STM32F429x, STM32F437x, STM32F439x, STM32F469x, STM32F479x, STM32F745x, STM32F746x, STM32F755x, STM32F756x, STM32H562x, STM32H563x and STM32H573x. |
| 1.5 Issue date       | 2025-09-29                                                                                                                                                                                                     |

## 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     | Patrick AIDOUNE          |
| 2.1.2 Marketing Manager   | Veronique BARLATIER      |
| 2.1.3 Quality Manager     | Pascal NARCHE            |

## 3. Change

|              |                                                                                                                                      |                            |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------|----------------------------|
| 3.1 Category | 3.2 Type of change                                                                                                                   | 3.3 Manufacturing Location |
| Materials    | New direct material part number (same supplier, different supplier or new supplier), Lead frame finishing material / area (internal) | ASE Kaohsiung (Taiwan)     |

## 4. Description of change

|                                                                                       |                                  |                   |
|---------------------------------------------------------------------------------------|----------------------------------|-------------------|
|                                                                                       | Old                              | New               |
| 4.1 Description                                                                       | Etched leadframe                 | Stamped Leadframe |
| 4.2 Anticipated Impact on form,fit, function, quality, reliability or processability? | No impact on Form, Fit, Function |                   |

## 5. Reason / motivation for change

|                      |                                                         |
|----------------------|---------------------------------------------------------|
| 5.1 Motivation       | to standardize the supply chain for service improvement |
| 5.2 Customer Benefit | SERVICE IMPROVEMENT                                     |

## 6. Marking of parts / traceability of change

|                 |                                           |
|-----------------|-------------------------------------------|
| 6.1 Description | Traceability ensured by ST internal tools |
|-----------------|-------------------------------------------|

## 7. Timing / schedule

|                                     |              |
|-------------------------------------|--------------|
| 7.1 Date of qualification results   | 2025-12-19   |
| 7.2 Intended start of delivery      | 2026-01-05   |
| 7.3 Qualification sample available? | Upon Request |

## 8. Qualification / Validation

|                                                    |                                                                                            |            |            |
|----------------------------------------------------|--------------------------------------------------------------------------------------------|------------|------------|
| 8.1 Description                                    | 15429 MDRF-GPAM-RER2423 - ASE KH (Twn) LQFP24x24 std package introduction- Reliab Plan.pdf |            |            |
| 8.2 Qualification report and qualification results | Available (see attachment)                                                                 | Issue Date | 2025-09-29 |

| 9. Attachments (additional documentations)                                                                                                                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 15429 Public product.pdf<br>15429 MDRF-GPAM-RER2423 - ASE KH (Twn) LQFP24x24 std package introduction- Reliab Plan.pdf<br>15429 _Additional information.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  |
|                         | STM32F207ICT6           |                          |
|                         | STM32F207IET6           |                          |
|                         | STM32F207IFT6           |                          |
|                         | STM32F207IGT6           |                          |
|                         | STM32F207IGT7           |                          |
|                         | STM32F217IET6           |                          |
|                         | STM32F217IGT6           |                          |
|                         | STM32F217IGT7           |                          |
|                         | STM32F407IET6           |                          |
|                         | STM32F407IGT6           |                          |
|                         | STM32F407IGT7           |                          |
|                         | STM32F417IET6           |                          |
|                         | STM32F417IGT6           |                          |
|                         | STM32F417IGT7           |                          |
|                         | STM32F427IGT6           |                          |
|                         | STM32F427IIT6           |                          |
|                         | STM32F427IIT7           |                          |
|                         | STM32F429IET6           |                          |
|                         | STM32F429IGT6           |                          |
|                         | STM32F429IIT6           |                          |
|                         | STM32F437IGT6           |                          |
|                         | STM32F437IIT6           |                          |
|                         | STM32F437IIT7           |                          |
|                         | STM32F439IGT6           |                          |
|                         | STM32F439IIT6           |                          |
|                         | STM32F469IGT6           |                          |
|                         | STM32F469IIT6           |                          |
|                         | STM32F479IIT6           |                          |
|                         | STM32F745IET6           |                          |
|                         | STM32F745IET7           |                          |
|                         | STM32F745IGT6           |                          |
|                         | STM32F746IET6           |                          |
|                         | STM32F746IGT6           |                          |
|                         | STM32F746IGT7           |                          |
|                         | STM32F756IGT6           |                          |
|                         | STM32H563IGT6           |                          |
|                         | STM32H563IIT3Q          |                          |
|                         | STM32H563IIT6           |                          |
|                         | STM32H573IIT3Q          |                          |
|                         | STM32H573IIT6           |                          |

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