

## PRODUCT / PROCESS CHANGE NOTIFICATION

### 1. PCN basic data

|                      |  |
|----------------------|--|
| 1.1 Company          |  STMicroelectronics International N.V |
| 1.2 PCN No.          | EMBEDDED PROCESSING/26/15973   |
| 1.3 Title of PCN     | STM32WL3x - product enhancement  |
| 1.4 Product Category | STM32WL33x,<br>STM32WL31x and<br>STM32WL30x.   |
| 1.5 Issue date       | 2026-02-10   |

### 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   | Marie TOURNUT            |
| 2.1.3 Quality Manager     | Pascal NARCHE            |

### 3. Change

| 3.1 Category             | 3.2 Type of change   | 3.3 Manufacturing Location |
|--------------------------|--|----------------------------|
| General Product & Design | Die redesign : Mask or mask set change with new die design like metallization (specifically chip frontside) or bug fix | TSMC (Taiwan)              |

### 4. Description of change

|   | Old  | New   |
|---|--|---|
| 4.1 Description   | STM32WL3x (Revision B) product has limitations as described in STM32WL33xx device errata ES0612 - Version 7 (or below) - 07 Aug 2025 | New STM32WL3x (Revision Z) product enhancement fixing:<br>- Stepup convertor generates correct VLCD voltage on PB15 (only related to LCD application); feature only impacting STM32WL33x<br>- Internal generated reference for comparator is independent from external Vbat variation (Vbat is the external power supply connected to Vdd) ; feature only impacting STM32WL33x<br>New erratasheet release is : STM32WL33xx device errata ES0612 - Version 8 - February 2026 |
| 4.2 Anticipated Impact on form,fit, function, quality, reliability or processability? | functionality enhancement  |   |

### 5. Reason / motivation for change

|                      |  |
|----------------------|--|
| 5.1 Motivation       | Improvements implemented to increase robustness, performances and quality of our products. |
| 5.2 Customer Benefit | SERVICE CONTINUITY   |

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

|                 |   |
|-----------------|---|
| 6.1 Description | Traceability ensured by ST internal tools.<br>Die revision changes from "B" to "Z" on Package Marking |
|-----------------|---|

### 7. Timing / schedule

|                                     |              |
|-------------------------------------|--------------|
| 7.1 Date of qualification results   | 2026-04-24   |
| 7.2 Intended start of delivery      | 2026-06-06   |
| 7.3 Qualification sample available? | Upon Request |

#### 8. Qualification / Validation

|   |  |                   |            |
|---|--|-------------------|------------|
| <b>8.1 Description</b>                                    | 15973 PCN15973 RER2427_STM32L33 - Die 4L0_Z cut2.4 - qual plan.pdf |                   |            |
| <b>8.2 Qualification report and qualification results</b> | Available (see attachment)   | <b>Issue Date</b> | 2026-02-10 |

#### 9. Attachments (additional documentations)

15973 Public product.pdf  
 15973 PCN15973 RER2427\_STM32L33 - Die 4L0\_Z cut2.4 - qual plan.pdf  
 15973 \_Additional information.pdf

#### 10. Affected parts

| <b>10. 1 Current</b>           |                                | <b>10.2 New (if applicable)</b> |
|--------------------------------|--------------------------------|---------------------------------|
| <b>10.1.1 Customer Part No</b> | <b>10.1.2 Supplier Part No</b> | <b>10.1.2 Supplier Part No</b>  |
|                                | STM32WL30KBV6                  |                                 |
|                                | STM32WL31CBV6                  |                                 |
|                                | STM32WL31KBV6                  |                                 |
|                                | STM32WL33C8V6                  |                                 |
|                                | STM32WL33C8V7                  |                                 |
|                                | STM32WL33CBV6                  |                                 |
|                                | STM32WL33CBV7                  |                                 |
|                                | STM32WL33CCV6                  |                                 |
|                                | STM32WL33CCV6A                 |                                 |
|                                | STM32WL33CCV7                  |                                 |
|                                | STM32WL33K8V6                  |                                 |
|                                | STM32WL33K8V7                  |                                 |
|                                | STM32WL33KBV6                  |                                 |
|                                | STM32WL33KBV7                  |                                 |
|                                | STM32WL33KCV6                  |                                 |
|                                | STM32WL33KCV7                  |                                 |

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