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, STM32WL31x and STM32WL30x.
1.5 Issue date	2026-02-10

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	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: - Stepup convertor generates correct VLCD voltage on PB15 (only related to LCD application); feature only impacting STM32WL33x - Internal generated reference for comparator is independent from external Vbat variation (Vbat is the external power supply connected to Vdd) ; feature only impacting STM32WL33x 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. Die revision changes for 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

8.1 Description	15973 PCN15973 RER2427_STM32L33 - Die 4L0_Z cut2.4 - qual plan.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	**Issue Date**	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

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**
	STM32WL30K8V6	
	STM32WL30KBV6	
	STM32WL31C8V6	
	STM32WL31CBV6	
	STM32WL31KBV6	
	STM32WL33C8V6	
	STM32WL33C8V7	
	STM32WL33CBV6	
	STM32WL33CBV7	
	STM32WL33CCV6	
	STM32WL33CCV6A	
	STM32WL33CCV7	
	STM32WL33K8V6	
	STM32WL33K8V7	
	STM32WL33KBV6	
	STM32WL33KBV7	
	STM32WL33KCV6	
	STM32WL33KCV7	

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