

PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company	 STMicroelectronics International N.V
1.2 PCN No.	MICROCONTROLLERS/25/15018
1.3 Title of PCN	ASE Korea - BLUENRG-M2Sx Bluetooth® Low energy Modules - MCU and Capacitor component BOM enhancement.
1.4 Product Category	BLUENRG-M2SA BLUENRG-M2SP
1.5 Issue date	2025-05-06

2. PCN Team

2.1 Contact supplier	
2.1.1 Name	ROBERTSON HEATHER
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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
General Product & Design	Product composition (lead frame finishing material / area (internal))	ASE (Korea)

4. Description of change

	Old	New
4.1 Description	BOM with : - (U1) : BLUENRG-232(UTAC) in WFQFN (Wettable Flank) package - (C4 & C5) : GRM0335C1H120GA01D 12pf capacitor	BOM with : - (U1) : BLUENRG-232S (ST Calamba) MCU in QFN (Standard) package (for details refer to PCN14095 & PTN15181) - The Solder Resist Opening (SRO) of the Printed Circuit Board (PCB) has been updated to correspond to the Thermal Pad size of the Standard QFN - (C4 & C5) : GJM0335C1E150GB01D 15pf capacitor
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	no impact	

5. Reason / motivation for change

5.1 Motivation	Product is still successful, business and Machine obsolescence.
5.2 Customer Benefit	SERVICE IMPROVEMENT

6. Marking of parts / traceability of change

6.1 Description	Traceability ensured by ST Internal tools
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7. Timing / schedule

7.1 Date of qualification results	2025-06-16
7.2 Intended start of delivery	2025-07-21
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description	15018 MDRF-GPAM-RER2508 PCN15018- ASEKR BLUENRG-M2Sx Modules - reliability plan.pdf
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8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2025-05-06
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9. Attachments (additional documentations)

15018 Public product.pdf
 15018 MDRF-GPAM-RER2508 PCN15018- ASEKR BLUENRG-M2Sx Modules - reliability plan.pdf
 15018 _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
	BLUENRG-M2SA	
	BLUENRG-M2SP	

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