

## PRODUCT / PROCESS CHANGE NOTIFICATION

### 1. PCN basic data

1.1 Company	 STMicroelectronics International N.V
1.2 PCN No.	MICROCONTROLLERS/25/14925
1.3 Title of PCN	ASE Korea - BLUENRG-M0 Bluetooth® Low energy Modules - Capacitor component replacement on listed products
1.4 Product Category	BLUENRG-M0A BLUENRG-M0L
1.5 Issue date	2025-02-26

### 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
General Product & Design	Product composition (lead frame finishing material / area (internal)	ASE (Korea)

### 4. Description of change

	Old	New
4.1 Description	BOM with GRM0335C1H120GA01D 12pf capacitor	New BOM updated with GJM0335C1E150GB01D 15pf capacitor
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	No impact has been identified on RF performance during investigations. Tests are not modified.	

### 5. Reason / motivation for change

5.1 Motivation	Service improvement
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	2025-05-20
7.2 Intended start of delivery	2025-06-24
7.3 Qualification sample available?	Upon Request

### 8. Qualification / Validation

8.1 Description	14925 MDRF-GPAM-RER2503 PCN14925- ASEKR BLUENRG-M0 Modules - Capacitor replacement- reliab plan.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2025-02-26

### 9. Attachments (additional documentations)

<b>10. Affected parts</b>		
<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>
	BLUENRG-M0A	
	BLUENRG-M0L	

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