


PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	MDG/24/14094	
1.3 Title of PCN	ST CALAMBA(Philippines) assembly plant transfer from UTAC (Thailand) for BLUENRG-1x/2x listed products in VQFN5x5 and VQFN6x6 packages	
1.4 Product Category	BLUENRG-132 BLUENRG-232x BLUENRG-248 BLUENRG-M2Sx	
1.5 Issue date	2024-05-23	

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	Ricardo Antonio DE SA EARP
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
Transfer	Line transfer for a full process or process brick (process step, control plan, recipes) from one site to another site: Assembly site (SOP 2617)	ST CALAMBA (Philippines)

4. Description of change

	Old	New
4.1 Description	UTAC UTL1 (Thailand) assembly Wettable flank package - gold bonding wire - VFQFN32 5X5 F174 F157 - VFQFN48 6X6 F174	ST CALAMBA (Philippines) assembly non-Wettable flank standard QFN package - copper alloy bonding wire - VFQFN32 5X5 F174 F157 - VFQFN48 6X6 F174
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	Standard QFN Package compatible with previous one	

5. Reason / motivation for change

5.1 Motivation	package rationalization
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	2024-06-17
7.2 Intended start of delivery	2024-06-26
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description	14094 MDG-GPM-RER2309 PCN14094 ST CALAMBA BLUENRG in VQFN UTAC - Reliability plan .pdf		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2024-05-23

9. Attachments (additional documentations)

14094 Public product.pdf
14094 MDG-GPM-RER2309 PCN14094 ST CALAMBA BLUENRG in VQFN UTAC - Reliability plan .pdf
14094 PCN14094_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-132	
	BLUENRG-M2SA	
	BLUENRG-M2SP	

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