

PRODUCT / PROCESS CHANGE INFORMATION

1. PCI basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCI No.	MDG/24/14644	
1.3 Title of PCI	Rebranding of BlueNRG-LPS into STM32WB05 and BlueNRG-LP into STM32WB06/07 for all packages.	
1.4 Product Category	ST CALAMBA (Philippines) VFQFPN packages: - BlueNRG-332Ax/FL06 (VFQFPN32) - BlueNRG-345Ax/BlueNRG-345Mx /F161 (VFQFPN32+VFQFPN48) - BlueNRG-355Ax/BlueNRG-355Mx /F161 (VFQFPN32+VFQFPN48) AMKOR ATT (Taiwan) WLCSP packages: - BlueNRG-332Vx/FL06 (WLCSP36) - BlueNRG-345Vx/F161 (WLCSP49) - BlueNRG-355Vx/F161 (WLCSP49)	
1.5 Issue date	2024-06-12	

2. PCI 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
Methods	Traceability (marking content, company logo, etc)	ST Calamba (Philippine) AMKOT ATT (Taiwan)

4. Description of change

	Old	New
4.1 Description	ST CALAMBA (Philippines) VFQFPN packages: - BlueNRG-332Ax/FL06 (VFQFPN32) - BlueNRG-345Ax/BlueNRG-345Mx /F161 (VFQFPN32+VFQFPN48) - BlueNRG-355Ax/BlueNRG-355Mx /F161 (VFQFPN32+VFQFPN48) AMKOR ATT (Taiwan) WLCSP packages: - BlueNRG-332Vx/FL06 (WLCSP36) - BlueNRG-345Vx/F161 (WLCSP49) - BlueNRG-355Vx/F161 (WLCSP49)	ST CALAMBA (Philippines) VFQFPN packages: - BlueNRG-332Ax/FL06 (VFQFPN32) to STM32WB05KZVx - BlueNRG-345Ax/BlueNRG-345Mx /F161 (VFQFPN32+VFQFPN48) to STM32WB06KCVx/ STM32WB06CCVx - BlueNRG-355Ax/BlueNRG-355Mx /F161 (VFQFPN32+VFQFPN48) to STM32WB07KCVx/ STM32WB07CCVx AMKOR ATT (Taiwan) WLCSP packages: - BlueNRG-332Vx/FL06 (WLCSP36) to STM32WB05TZFx - BlueNRG-345Vx/F161 (WLCSP49) to STM32WB06CCFx - BlueNRG-355Vx/F161 (WLCSP49) to STM32WB07CCFx
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	Top package marking will display new Commercial Product number	

5. Reason / motivation for change

5.1 Motivation	Consolidation and consistency of the STM32WBx portfolio, ensuring full STM32 ecosystem compatibility. STM32WB05 and STM32WB06/07 will be supported in the next STM32Cube MCU Ecosystem release.
5.2 Customer Benefit	SERVICE IMPROVEMENT

6. Marking of parts / traceability of change

6.1 Description	Rebranded Commercial Part Number is visible from package top marking.
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7. Timing / schedule

7.1 Date of qualification results	2024-03-14
7.2 Intended start of delivery	2024-07-22
7.3 Qualification sample available?	Not Applicable

8. Qualification / Validation

8.1 Description	14644 PCN14644_Additional information.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2024-06-12

9. Attachments (additional documentations)

14644 Public product.pdf
14644 PCN14644_Additional information.pdf

10. Affected parts

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-332AT	
	BLUENRG-332VC	
	BLUENRG-345AC	
	BLUENRG-345MC	
	BLUENRG-345MT	
	BLUENRG-355AC	
	BLUENRG-355MC	
	BLUENRG-355MT	
	BLUENRG-332VT	
	BLUENRG-345AT	
	BLUENRG-355AT	

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