


PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	MDG/23/14116	
1.3 Title of PCN	ASE Korea - STM32WB Bluetooth® low energy Modules - Murata inductance component replacement on listed products	
1.4 Product Category	BLUENRG-M0A BLUENRG-M0L BLUENRG-M2SA SPBTLE-RF0TR SPBTLE-RFTR	
1.5 Issue date	2023-08-17	

2. PCN Team

2.1 Contact supplier	
2.1.1 Name	KRAUSE INA
2.1.2 Phone	+49 89460062370
2.1.3 Email	ina.krause@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
Materials	(Not Defined)	ASE Korea

4. Description of change

	Old	New
4.1 Description	Current Bill of material components - inductor LQP15MN1N5W02D from supplier Murata - inductor LQP15MN3N0W02D from supplier Murata are planned to be End Of Life and must be replaced with equivalent components	New Bill of material components - Inductor LQG15HS1N5B02D by supplier Murata - Inductor LQG15HS3N0B02D by supplier Murata are new replacement components
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	No impact on function, color of the inductance is changing from blue to yellow	

5. Reason / motivation for change

5.1 Motivation	MURATA component reference LQP15MN1N5W02D & LQP15MN3N0W02D will be end of life due to Product Termination on LQP15MN series at MURATA side. - LQG15HS series has been proposed as an alternative material by MURATA.
5.2 Customer Benefit	SERVICE CONTINUITY

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	2023-08-15
7.2 Intended start of delivery	2023-09-05
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description	14116 PCN14116 - Qualification Plan.pdf
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8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2023-08-17
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9. Attachments (additional documentations)

14116 Public product.pdf
14116 PCN14116 - Qualification Plan.pdf
14116 PCN14116_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-M0A	
	BLUENRG-M0L	
	BLUENRG-M2SA	

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