


PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	AMS/15/9546	
1.3 Title of PCN	Product Change Notification on selected BlueNRG products - VMA Division	
1.4 Product Category	Selected BlueNRG products (see product list)	
1.5 Issue date	2015-12-14	

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	Andrea Mario ONETTI
2.1.2 Marketing Manager	Marco VENERI
2.1.3 Quality Manager	Jean-Marc BUGNARD

3. Change

3.1 Category	3.2 Type of change	3.3 Manufacturing Location
General Product & Design	Modification of datasheet	ST Calamba Amkor

4. Description of change

	Old	New
4.1 Description	Datasheet doesn't mention neither the firmware version nor the way to upgrade it.	Datasheet will describe the way to manage firmware "The stack is stored on the on-chip non-volatile Flash memory and can be easily upgraded via SPI. The device comes pre-programmed with a production-ready stack image (whose version could change at any time without notice)", and how to upgrade it "Stack image can be downloaded from the ST web site and programmed on the device through the ST provided software tools". BLUENRGQSP and BLUENRGQTR stack will support "slave only" operation."
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	Provided customer firmware verification/upgrade is done, the change will have no impact on form, fit, function, reliability or processability.	

5. Reason / motivation for change

5.1 Motivation	This change will clarify the way to manage and upgrade firmware version.
5.2 Customer Benefit	SERVICE IMPROVEMENT

6. Marking of parts / traceability of change

6.1 Description	Parts have to be considered pre-programmed with a firmware whose version can be changed without notice. Firmware traceability will be ensured via information stored in the non-volatile flash memory. The firmware version can be retrieved at run-time via software API
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7. Timing / schedule

7.1 Date of qualification results	2015-11-27
7.2 Intended start of delivery	2016-02-21
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation			
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8.1 Description	9546_FG firmware version.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2015-12-14

9. Attachments (additional documentations)			
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9546PpPrdtLst.pdf 9546_FG firmware version.pdf			
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10. Affected parts		
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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-MSCSP	
	BLUENRG-MSQTR	
	BLUENRGQTR	
	BLUENRGCSPP	

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BlueNRG firmware versions

Commercial Products	Finished good codes	Firmware versions
BLUENRGQTR	BlueNRGQTR\$BA3	6.3
BLUENRGQTR	BlueNRGQTR\$BA4	6.4
BLUENRGQTR	BlueNRGQTR\$BA4D	6.4
BLUENRGCSP	BlueNRGCSP\$PE	6.3
BLUENRGCSP	BlueNRGCSP\$PE4	6.4
BLUENRG-MSQTR	BlueNRGMSQTR\$BHC	7.1.a
BLUENRG-MSQTR	BlueNRGMSQTR\$BHD	7.1.c
BLUENRG-MSQTR	BlueNRGMSQTR\$BHE	7.1.e
BLUENRG-MSCSP	BlueNRG-MSCSP\$71	7.1.a
BLUENRG-MSCSP	BlueNRG-MSCSP\$71C	7.1.c
BLUENRG-MSCSP	BlueNRG-MSCSP\$FW	7.1.e
BLUENRG-MSCSP	BlueNRG-MSCSP\$PJ	7.1.a

Any newer finished good other than what listed in the above table has to be considered pre-programmed with a firmware whose version can be changed without notice. Firmware traceability will be ensured via information stored in the non-volatile flash memory. The firmware version can be retrieved at run-time via software API



Public Products List

PCN Title : Product Change Notification on selected BlueNRG products - VMA Division

PCN Reference : AMS/15/9546

PCN Created on : 26-Nov-2015

Subject : Public Products List

Dear Customer,

Please find below the Standard Public Products List impacted by the change.

BLUENRG-MSQTR	BLUENRG-MSCSP	BLUENRGQTR
BLUENRGCS		



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