


**PRODUCT / PROCESS CHANGE NOTIFICATION**

**1. PCN basic data**

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	AMS/21/12593	
1.3 Title of PCN	Reflow profile recommendation for selected BlueNRG modules	
1.4 Product Category	See product list	
1.5 Issue date	2021-03-09	

**2. PCN Team**

<b>2.1 Contact supplier</b>	
2.1.1 Name	NEMETH KRISZTINA
2.1.2 Phone	+49 89460062210
2.1.3 Email	krisztina.nemeth@st.com
<b>2.2 Change responsibility</b>	
2.2.1 Product Manager	Marco VENERI
2.1.2 Marketing Manager	Marco VENERI
2.1.3 Quality Manager	Jean-Marc BUGNARD

**3. Change**

<b>3.1 Category</b>	<b>3.2 Type of change</b>	<b>3.3 Manufacturing Location</b>
General Product & Design	Modification of datasheet : Errata/error fix	Back end plant : ASE Korea

**4. Description of change**

	<b>Old</b>	<b>New</b>
4.1 Description	Peak temperature (Tp) = 245 (-0) °C Time within 5°C of peak temperature (Tp-5°C) = min 30 s	Peak temperature (Tp) = 240 + 0 °C Time within 5°C of peak temperature (Tp-5°C) = 10-20 sec
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	No impact	

**5. Reason / motivation for change**

5.1 Motivation	To avoid any prohibited liquidus state of module solder joints during customer reflow.
5.2 Customer Benefit	QUALITY IMPROVEMENT

**6. Marking of parts / traceability of change**

6.1 Description	N/A
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**7. Timing / schedule**

7.1 Date of qualification results	2021-02-01
7.2 Intended start of delivery	2021-05-15
7.3 Qualification sample available?	Upon Request

**8. Qualification / Validation**

8.1 Description	12593 BLUENRG-Modules_Reflow_Profile_Change.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	<b>Issue Date</b>	2021-03-09

**9. Attachments (additional documentations)**

12593 Public product.pdf  
12593 BLUENRG-Modules\_Reflow\_Profile\_Change.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
3387323	BLUENRG-M2SP	

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