


**PRODUCT / PROCESS CHANGE NOTIFICATION**

**1. PCN basic data**

<b>1.1 Company</b>		STMicroelectronics International N.V
<b>1.2 PCN No.</b>	AMS/21/12569	
<b>1.3 Title of PCN</b>	Reflow profile recommendation for selected BlueNRG modules	
<b>1.4 Product Category</b>	See product list	
<b>1.5 Issue date</b>	2021-02-01	

**2. PCN Team**

<b>2.1 Contact supplier</b>	
<b>2.1.1 Name</b>	ROBERTSON HEATHER
<b>2.1.2 Phone</b>	+1 8475853058
<b>2.1.3 Email</b>	heather.robertson@st.com
<b>2.2 Change responsibility</b>	
<b>2.2.1 Product Manager</b>	Marco VENERI
<b>2.1.2 Marketing Manager</b>	Marco VENERI
<b>2.1.3 Quality Manager</b>	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>
<b>4.1 Description</b>	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
<b>4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?</b>	No impact	

**5. Reason / motivation for change**

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

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

<b>6.1 Description</b>	N/A
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**7. Timing / schedule**

<b>7.1 Date of qualification results</b>	2021-01-21
<b>7.2 Intended start of delivery</b>	2021-05-01
<b>7.3 Qualification sample available?</b>	Upon Request

**8. Qualification / Validation**

<b>8.1 Description</b>	12569 BLUENRG-M0L M2SA_Reflow_Profile_Change.pdf		
<b>8.2 Qualification report and qualification results</b>	Available (see attachment)	<b>Issue Date</b>	2021-02-01

**9. Attachments (additional documentations)**

12569 Public product.pdf  
12569 BLUENRG-M0L M2SA\_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
	BLUENRG-M0L	
	BLUENRG-M2SA	



## Public Products List

Public Products are off the shelf products. They are not dedicated to specific customers, they are available through ST Sales team, or Distributors, and visible on ST.com

**PCN Title** : Reflow profile recommendation for selected BlueNRG modules

**PCN Reference** : AMS/21/12569

**Subject** : Public Products List

Dear Customer,

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

BLUENRG-M2SA	BLUENRG-M0L	
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