


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

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	Marco VENERI
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 : Errata/error fix	Back end plant : ASE Korea

4. Description of change

	Old	New
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)	Issue Date	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
	BLUENRG-M0A	
	BLUENRG-M2SP	

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Public Products List

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PCN Title : Reflow profile recommendation for selected BlueNRG modules

PCN Reference : AMS/21/12593

Subject : Public Products List

Dear Customer,

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

BLUENRG-M0A	BLUENRG-M2SP	
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