

PRODUCT / PROCESS CHANGE INFORMATION

1. PCI basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCI No.	AMS/23/13896	
1.3 Title of PCI	Power Management BU: Robustness Improvement for L6983 IC series	
1.4 Product Category	See product list	
1.5 Issue date	2023-01-24	

2. PCI 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	Marcello SAN BIAGIO
2.1.2 Marketing Manager	Salvatore DI VINCENZO
2.1.3 Quality Manager	Giuseppe LISI

3. Change

3.1 Category	3.2 Type of change	3.3 Manufacturing Location
General Product & Design	Die redesign : Mask or mask set change with new die design like metallization (specifically chip frontside) or bug fix	N/A

4. Description of change

	Old	New
4.1 Description	Sensitivity to Input Voltage Noise	Better Immunity vs Input Voltage noise
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	minor change	

5. Reason / motivation for change

5.1 Motivation	This document is issued to inform you that we performed negligible modifications at design level in order to increase the robustness of the device in terms of better immunity vs Input Voltage Noise. This change will not impact the device's performances. Additionally, the modification is translated in an improved Quality level.
5.2 Customer Benefit	QUALITY IMPROVEMENT

6. Marking of parts / traceability of change

6.1 Description	The traceability of the new parts will be ensured by different internal codification and QA number
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7. Timing / schedule

7.1 Date of qualification results	2023-01-17
7.2 Intended start of delivery	2023-02-28
7.3 Qualification sample available?	Not Applicable

8. Qualification / Validation

8.1 Description			
8.2 Qualification report and qualification results	In progress	Issue Date	

9. Attachments (additional documentations)
13896 Public product.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
	L6983C33QTR	
	L6983C50QTR	
	L6983CQTR	
	L6983N33QTR	
	L6983N50QTR	
	L6983NQTR	

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Public Products List

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PCI Title : Power Management BU: Robustness Improvement for L6983 IC series

PCI Reference : AMS/23/13896

Subject : Public Products List

Dear Customer,

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

L6983N33QTR	L6983NQTR	L6983C50QTR
L6983CQTR	L6983C33QTR	L6983N50QTR

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