


**PRODUCT / PROCESS CHANGE INFORMATION**

**1. PCI basic data**

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

**2. PCI 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>	Marcello SAN BIAGIO
<b>2.1.2 Marketing Manager</b>	Salvatore DI VINCENZO
<b>2.1.3 Quality Manager</b>	Giuseppe LISI

**3. Change**

<b>3.1 Category</b>	<b>3.2 Type of change</b>	<b>3.3 Manufacturing Location</b>
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**

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

**5. Reason / motivation for change**

<b>5.1 Motivation</b>	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.
<b>5.2 Customer Benefit</b>	QUALITY IMPROVEMENT

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

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

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

**8. Qualification / Validation**

<b>8.1 Description</b>	
<b>8.2 Qualification report and qualification results</b>	In progress
	<b>Issue Date</b>

**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	



## 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

**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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