


PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company	 STMicroelectronics International N.V
1.2 PCN No.	AMS/23/14442
1.3 Title of PCN	Power Management BU: Robustness Improvement for L6983 IC series
1.4 Product Category	See product list
1.5 Issue date	2023-11-24

2. PCN Team

2.1 Contact supplier	
2.1.1 Name	KRISZTINA NEMETH
2.1.2 Phone	+49 89460062210
2.1.3 Email	krisztina.nemeth@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?	No impact	

5. Reason / motivation for change

5.1 Motivation	Following continuous improvement strategy, minor modifications at design level has been implemented to increase the robustness of the device in terms of better immunity vs Input Voltage noise. This change will not impact the device's performance.
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	2023-11-23
7.2 Intended start of delivery	2023-12-31
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)

14442 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	
	L6983IQTR	
	L6983N33QTR	
	L6983N50QTR	
	L6983NQTR	

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