

PRODUCT / PROCESS CHANGE INFORMATION

1. PCI basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCI No.	ANALOG MEMS SENSORS/25/15369	
1.3 Title of PCI	L9945 (UR53) Data Sheet update.	
1.4 Product Category	Pls refer to the impacted product (Line UR53)	
1.5 Issue date	2025-07-14	

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	Vito GRAZIANO
2.1.2 Marketing Manager	Francesco MACINA
2.1.3 Quality Manager	Daniela FAZIO

3. Change

3.1 Category	3.2 Type of change	3.3 Manufacturing Location
General Product & Design	Modification of datasheet : Errata/error fix	DIFF Agrate/ Assembly MUAR

4. Description of change

	Old	New
4.1 Description	Table 24 diagnostic strategy for pick & hold configuration: fault type OUT1 STG circuit state HSON LSOFF modified from NO FAIL/Table 24 diagnostic strategy for pick & hold configuration: fault type OUT4 STB circuit state HSOFF LSON modified from NO FAIL - ISO26262 Systems compatible.	Table 24 diagnostic strategy for pick & hold configuration: fault type OUT1 STG circuit state HSON LSOFF OC/OC IN / Table 24 diagnostic strategy for pick & hold configuration: fault type OUT4 STB circuit state HSOFF LSON OC/OC IN; ISO26262 Systems compatible text removed.
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	No Impact from manufacturing point of view.	

5. Reason / motivation for change

5.1 Motivation	To align with proper product characteristics and behavior.
5.2 Customer Benefit	QUALITY IMPROVEMENT

6. Marking of parts / traceability of change

6.1 Description	DATASHEET New Rev.
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7. Timing / schedule

7.1 Date of qualification results	2025-04-24
7.2 Intended start of delivery	2025-05-24
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)
15369 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
	L9945TR	

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Public Products List

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PCI Title : L9945 (UR53) Data Sheet update.
PCI Reference : ANALOG MEMS SENSORS/25/15369

Subject : Public Products List

Dear Customer,

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

L9945TR	L9945	
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