

PRODUCT / PROCESS CHANGE INFORMATION

1. PCI basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCI No.		AMS/20/12308
1.3 Title of PCI		LSM6DSRTR, LSM6DSRXTR, ISM330DHCXTR: Self-test limits update .
1.4 Product Category		See Products List
1.5 Issue date		2020-09-21

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	Andrea Mario ONETTI
2.1.2 Marketing Manager	Simone FERRI
2.1.3 Quality Manager	Michele CALDERONI

3. Change

3.1 Category	3.2 Type of change	3.3 Manufacturing Location
General Product & Design	Modification of datasheet :parameters/electrical specification (min./max./typ. values) and/or AC/DC specification	CALAMBA

4. Description of change

	Old	New
4.1 Description	Linear acceleration self-test output DS spec min 90 max 1700 mg with Vdd 1.8V Temperature from -40C to +85C (LSM6DSR LSM6DSRX) Temperature from -40C to +105C (ISM330DHCX)	Linear acceleration self test output DS spec min 40 max 1700 mg Vdd 1.8V Temperature from -40C to +85C (LSM6DSR LSM6DSRX) Temperature from -40C to +105C (ISM330DHCX)
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	No IMPACT	

5. Reason / motivation for change

5.1 Motivation	Change implemented to align the FT limits to characterization results. Datasheet updated accordingly.
5.2 Customer Benefit	YIELD IMPROVEMENT

6. Marking of parts / traceability of change

6.1 Description	New DS revision
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7. Timing / schedule

7.1 Date of qualification results	2020-08-28
7.2 Intended start of delivery	2020-10-19
7.3 Qualification sample available?	Not Applicable

8. Qualification / Validation

8.1 Description	
8.2 Qualification report and qualification results	In progress

9. Attachments (additional documentations)

12308 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
	ISM330DHCXTR	
	LSM6DSRTR	
	LSM6DSRXTR	

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Public Products List

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PCI Title : LSM6DSRTR, LSM6DSRXTR, ISM330DHCXTR: Self-test limits update .

PCI Reference : AMS/20/12308

Subject : Public Products List

Dear Customer,

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

LSM6DSRXTR	ISM330DHCXTR	LSM6DSRTR
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