

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
------------------------	-----------------

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	Issue Date	

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	



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 : 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
------------	--------------	-----------



IMPORTANT NOTICE – PLEASE READ CAREFULLY

Subject to any contractual arrangement in force with you or to any industry standard implemented by us, STMicroelectronics NV and its subsidiaries (“ST”) reserve the right to make changes, corrections, enhancements, modifications, and improvements to ST products and/or to this document at any time without notice. Purchasers should obtain the latest relevant information on ST products before placing orders. ST products are sold pursuant to ST’s terms and conditions of sale in place at the time of order acknowledgement.

Purchasers are solely responsible for the choice, selection, and use of ST products and ST assumes no liability for application assistance or the design of Purchasers’ products.

No license, express or implied, to any intellectual property right is granted by ST herein.

Resale of ST products with provisions different from the information set forth herein shall void any warranty granted by ST for such product.

ST and the ST logo are trademarks of ST. All other product or service names are the property of their respective owners.

Information in this document supersedes and replaces information previously supplied in any prior versions of this document.