


**PRODUCT / PROCESS CHANGE INFORMATION**

**1. PCI basic data**

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

**2. PCI Team**

<b>2.1 Contact supplier</b>	
<b>2.1.1 Name</b>	NEMETH KRISZTINA
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<b>2.1.3 Email</b>	krisztina.nemeth@st.com
<b>2.2 Change responsibility</b>	
<b>2.2.1 Product Manager</b>	Andrea Mario ONETTI
<b>2.1.2 Marketing Manager</b>	Simone FERRI
<b>2.1.3 Quality Manager</b>	Michele CALDERONI

**3. Change**

<b>3.1 Category</b>	<b>3.2 Type of change</b>	<b>3.3 Manufacturing Location</b>
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
<b>4.1 Description</b>	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)
<b>4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?</b>	No IMPACT	

**5. Reason / motivation for change**

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

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

<b>6.1 Description</b>	New DS revision
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**7. Timing / schedule**

<b>7.1 Date of qualification results</b>	2020-08-28
<b>7.2 Intended start of delivery</b>	2020-10-19
<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)**

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
3262493	ISM330DHCXTR	
3106029	LSM6DSRTR	
3265387	LSM6DSRXTR	

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