


PRODUCT / PROCESS CHANGE INFORMATION

1. PCI basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCI No.	ADG/22/13261	
1.3 Title of PCI	"STF12N65M5, STP12N65M5, STB8N65M5, STD8N65M5, STF8N65M5 New Rg (Gate input resistance) testing limits - Catania CTM8 8" (Italy)"	
1.4 Product Category	Power MOSFET HV	
1.5 Issue date	2022-02-09	

2. PCI Team

2.1 Contact supplier	
2.1.1 Name	NEMETH KRISZTINA
2.1.2 Phone	+49 89460062210
2.1.3 Email	krisztina.nemeth@st.com
2.2 Change responsibility	
2.2.1 Product Manager	Maurizio GIUDICE
2.1.2 Marketing Manager	Paolo PETRALI
2.1.3 Quality Manager	Vincenzo MILITANO

3. Change

3.1 Category	3.2 Type of change	3.3 Manufacturing Location
General (Test Program)	Test limit changes: limits are moved inside datasheet range on parameters (not linked to reliability and SBL) except for wafer for sale	Catania CTM8 8" (Italy)

4. Description of change

	Old	New
4.1 Description	"STF12N65M5, STP12N65M5 typ. Rg: 2.5 ? STB8N65M5, STD8N65M5, STF8N65M5 typ. Rg: 4 ? - max. Rg: 6 ?"	"STF12N65M5, STP12N65M5 typ. Rg: 5 ? STB8N65M5, STD8N65M5, STF8N65M5 typ. Rg: 5 ? - max. Rg: 8 ?"
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	no impacts	

5. Reason / motivation for change

5.1 Motivation	Align the datasheet values with actual production (EWS testing limit)
5.2 Customer Benefit	YIELD IMPROVEMENT

6. Marking of parts / traceability of change

6.1 Description	by Q.A. number
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7. Timing / schedule

7.1 Date of qualification results	2022-02-07
7.2 Intended start of delivery	2022-03-07
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description			
8.2 Qualification report and qualification results	In progress	Issue Date	

9. Attachments (additional documentations)

13261 Public product.pdf
13261 STx12N65M5 & STx8N65M5 NEW Rg Testing limits.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
	STB8N65M5	
	STD8N65M5	
	STF8N65M5	

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