

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	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	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
	STB11N65M5	
	STB8N65M5	
	STD11N65M5	
	STD15N65M5	
	STD8N65M5	
	STF11N65M5	
	STF15N65M5	
	STF8N65M5	
	STL11N65M5	
	STL15N65M5	
	STP11N65M5	
	STP12N65M5	
	STP15N65M5	



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 : "STF12N65M5, STP12N65M5, STB8N65M5, STD8N65M5, STF8N65M5

New Rg (Gate input resistance) testing limits - Catania CTM8 8" (Italy)"

PCI Reference : ADG/22/13261

Subject : Public Products List

Dear Customer,

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

STP12N65M5	STP11N65M5	STB8N65M5
STD11N65M5	STF12N65M5	STF8N65M5
STF15N65M5	STP15N65M5	STD15N65M5
STD8N65M5	STB11N65M5	STL15N65M5
STL11N65M5	STF11N65M5	



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