

PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	ADG/23/14395	
1.3 Title of PCN	STx42N65M5 Test Program and Datasheet Revision	
1.4 Product Category	Power MOSFET	
1.5 Issue date	2023-11-24	

2. PCN 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 Product & Design	Modification of datasheet :parameters/electrical specification (min./max./typ. values) and/or AC/DC specification	Catania, Shenzhen (China), Tongfu Microelectronics (China)

4. Description of change

	Old	New
4.1 Description	IAR (Maximum current during repetitive or single pulse avalanche) = 11A	IAR (Maximum current during repetitive or single pulse avalanche) = 7A
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	processability	

5. Reason / motivation for change

5.1 Motivation	The existing test point for IAR of 11A was set incorrectly
5.2 Customer Benefit	SERVICE CONTINUITY

6. Marking of parts / traceability of change

6.1 Description	By internal traceability and dedicated FG code.
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7. Timing / schedule

7.1 Date of qualification results	2023-11-06
7.2 Intended start of delivery	2024-02-24
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)

14395 Public product.pdf
14395 14395.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
	STB42N65M5	
	STF42N65M5	
	STP42N65M5	
	STW42N65M5	

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Public Products List

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PCN Title : STx42N65M5 Test Program and Datasheet Revision
PCN Reference : ADG/23/14395

Subject : Public Products List

Dear Customer,

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

STB42N65M5	STP42N65M5	STF42N65M5
STW42N65M5		

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