


PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	POWER AND DISCRETE PRODUCTS/24/14699	
1.3 Title of PCN	Die manufacturing process homogenization in ST Tours (France) for TVS (Transient Voltage Suppressor) devices	
1.4 Product Category	SM15Txxx SM6Txxx SMA6Jxxx SMAJxxx SMBJxxx SMCxJxxx SMCJxxx	
1.5 Issue date	2024-04-15	

2. PCN Team

2.1 Contact supplier	
2.1.1 Name	KRAUSE INA
2.1.2 Phone	+49 89460062370
2.1.3 Email	ina.krause@st.com
2.2 Change responsibility	
2.2.1 Product Manager	Stephane CHAMARD
2.1.2 Marketing Manager	Philippe LEGER
2.1.3 Quality Manager	Jean-Paul REBRASSE

3. Change

3.1 Category	3.2 Type of change	3.3 Manufacturing Location
Wafer Fab (Process)	Change of top layer on die	ST Microelectronics Tours - France

4. Description of change

	Old	New
4.1 Description	Metallization AlNiAu	Metallization AlTiNiAu Secondary passivation (organic)
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	No	

5. Reason / motivation for change

5.1 Motivation	In the frame of global production homogenization and continuous improvement, the latest metallization and passivation manufacturing processes developed on new products released will be applied to the whole TVS (Transient Voltage Suppressors) range.
5.2 Customer Benefit	SERVICE CONTINUITY

6. Marking of parts / traceability of change

6.1 Description	New Finished Good/Type (ending by /NR or /HR) print on carton labels
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7. Timing / schedule

7.1 Date of qualification results	2024-04-12
7.2 Intended start of delivery	2024-07-19
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description	14699 24013QRP.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2024-04-15

9. Attachments (additional documentations)
14699 Public product.pdf 14699 PCN TVS FE Homogenization.pdf 14699 24013QRP.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
	LNBTVS4-304S	
	LNBTVS6-304S	
	SM15T7V5A	
	SM6T56CA	
	STIEC45-24AS	
	SM15T150CA	
	SM15T200CA	
	SM15T24CA	
	SM15T68CA	
	SM6T27CA	
	SM6T7V5CA	
	SMC30J15CA	
	SMC30J18A	
	SMC30J20A	
	SMC30J28CA	
	SMC30J30CA	
	SMC30J33A	
	SMC30J58A	
	SMC30J58CA	

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