

PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	ADG/22/13207	
1.3 Title of PCN	SM6T220A TVS die dimensions rationalization	
1.4 Product Category	SM6T220A	
1.5 Issue date	2022-01-26	

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	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
General Product & Design	Die redesign: Mask or mask set change with new die design – Pad modification (sizes, vertical structure, metal thickness)	STMicroelectronics Tours - France (Die manufacturing)

4. Description of change

	Old	New
4.1 Description	Former dimensions	Dimensions rationalization
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 dice size rationalization, STMicroelectronics has decided to change die dimensions for SM6T220A (unidirectional TVS) to standardize die design versus bidirectional product. New die dimensions are already in mass production for SM6T220CA (bidirectional TVS product).
5.2 Customer Benefit	MANUFACTURING FLEXIBILITY

6. Marking of parts / traceability of change

6.1 Description	Traceability of the change will be ensured by Finished Good/Type (SM6T220AH-NH) print on carton labels.
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7. Timing / schedule

7.1 Date of qualification results	2022-01-24
7.2 Intended start of delivery	2022-05-02
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description	13207 22004QRP.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2022-01-26

9. Attachments (additional documentations)

13207 Public product.pdf
13207 PCN SM6T220A.pdf
13207 22004QRP.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
	SM6T220A	



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

PCN Title : SM6T220A TVS die dimensions rationalization

PCN Reference : ADG/22/13207

Subject : Public Products List

Dear Customer,

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

SM6T220A		
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