


PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	ADG/20/12043	
1.3 Title of PCN	AEC-Q101 Automotive Grade qualification of TVS in SMA and SMB packages at Assembly/Test location in China	
1.4 Product Category	<ul style="list-style-type: none"> • Package : SMA and SMB • Commercial Product : SM4TY (Vbr from 47V to 82V) SM6TY (Vbr from 42V to 82V) SM6T250CAY 	
1.5 Issue date	2020-03-06	

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	Richard RENARD
2.1.2 Marketing Manager	Eric PARIS
2.1.3 Quality Manager	Jean-Paul REBRASSE

3. Change

3.1 Category	3.2 Type of change	3.3 Manufacturing Location
Transfer	Line transfer for a full process or process brick (process step, control plan, recipes) from one site to another site: Assembly site (SOP 2617)	Morocco ST site and assy site in China (subco Liteon)

4. Description of change

	Old	New
4.1 Description	assy site Morocco (ST)	assy site China (subco Liteon)
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 the back-end locations management, ST has initiated a transfer of the SMA and SMB lines from its Bouskoura internal plant (Morocco) to back-end partners.This assembly and test plant in China is a subcontractor already qualified and delivering in high volume for ST on automotive SMA and SMB package lines.
5.2 Customer Benefit	MANUFACTURING FLEXIBILITY

6. Marking of parts / traceability of change

6.1 Description	marking, internal codification and QA number
------------------------	--

7. Timing / schedule

7.1 Date of qualification results	2020-09-25
7.2 Intended start of delivery	2020-09-04
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)

12043 Public product.pdf
12043 PCN China subco_SMA & SMB Auto_12043.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
	SM4T47AY	
	SM4T47CAY	
	SM4T50CAY	
	SM4T56AY	
	SM4T56CAY	
	SM4T68AY	
	SM4T68CAY	
	SM4T82CAY	
	SM6T250CAY	
	SM6T42AY	
	SM6T42CAY	
	SM6T47CAY	
	SM6T56AY	
	SM6T68AY	
	SM6T68CAY	
	SM6T75AY	
	SM6T75CAY	
	SM6T82CAY	



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 : AEC-Q101 Automotive Grade qualification of TVS in SMA and SMB packages at Assembly/Test location in China

PCN Reference : ADG/20/12043

Subject : Public Products List

Dear Customer,

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

SM6T68CAY	SM4T68AY	SM4T47AY
SM6T56AY	SM4T82AY	SM4T50AY
SM4T56AY	SM6T47AY	SM6T82CAY
SM6T250CAY	SM6T82AY	SM6T42CAY
SM4T82CAY	SM6T68AY	SM4T68CAY
SM6T42AY	SM6T47CAY	SM6T75CAY
SM6T75AY	SM6T56CAY	SM4T50CAY
SM4T56CAY	SM4T47CAY	



IMPORTANT NOTICE – PLEASE READ CAREFULLY

Subject to any contractual arrangement in force with you or to any industry standard implemented by us, STMicroelectronics NV and its subsidiaries (“ST”) reserve the right to make changes, corrections, enhancements, modifications, and improvements to ST products and/or to this document at any time without notice. Purchasers should obtain the latest relevant information on ST products before placing orders. ST products are sold pursuant to ST’s terms and conditions of sale in place at the time of order acknowledgement.

Purchasers are solely responsible for the choice, selection, and use of ST products and ST assumes no liability for application assistance or the design of Purchasers’ products.

No license, express or implied, to any intellectual property right is granted by ST herein.

Resale of ST products with provisions different from the information set forth herein shall void any warranty granted by ST for such product.

ST and the ST logo are trademarks of ST. All other product or service names are the property of their respective owners.

Information in this document supersedes and replaces information previously supplied in any prior versions of this document.