

PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	ADG/19/11685	
1.3 Title of PCN	AEC-Q101 Automotive Grade Qualification of SMC package at Assembly/Test location in China	
1.4 Product Category	Protection devices	
1.5 Issue date	2019-07-19	

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	Philippe LEGER
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 and China

4. Description of change

	Old	New
4.1 Description	STMicroelectronics is producing according to automotive grade its SMC package in ST Morocco. STMicroelectronics has decided to expand the manufacturing capacity of automotive grade TVS protection devices housed in SMC package.	STMicroelectronics is qualifying according to automotive grade its SMC package subcontractor in China.
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	No impact - Parts produced in China are same as the one produced in Morocco.	

5. Reason / motivation for change

5.1 Motivation	The reason of change is due to capacity increase in our production line for SMC packages.
5.2 Customer Benefit	DOUBLE SOURCING

6. Marking of parts / traceability of change

6.1 Description	On label & units : Morocco (ST) : CZ on label / Z on unit China (subco) : GP on label / GP on unit Date code marking : Y (1 digiy indicating year) WW (2 digits indicating the week number)
-----------------	--

7. Timing / schedule

7.1 Date of qualification results	2019-05-10
7.2 Intended start of delivery	2020-01-29
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description	11685 19065QRP-Rev1.pdf
-----------------	-------------------------

8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2019-07-19
--	----------------------------	------------	------------

9. Attachments (additional documentations)
11685 Public product.pdf 11685 PCN 11685 China subco_SMC1500W Automotive.doc 11685 19065QRP-Rev1.pdf 11685 PCN11685_list.xlsx

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
	SM15T18AY	
	SM15T27AY	
	SM15T30AY	
	SM15T30CAY	
	SM15T33AY	
	SM15T33CAY	
	SM15T36CAY	
	SM15T39AY	
	SM15T39CAY	
	SM15T6V8AY	
	SM15T6V8CAY	

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.

© 2018 STMicroelectronics – All rights reserved



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 SMC package at Assembly/Test location in China

PCN Reference : ADG/19/11685

Subject : Public Products List

Dear Customer,

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

SM15T39CAY	SM15T30CAY	SM15T6V8AY
SM15T36CAY	SM15T27AY	SM15T27CAY
SM15T18AY	SM15T39AY	SM15T33CAY
SM15T6V8CAY	SM15T30AY	SM15T33AY



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.