


**PRODUCT / PROCESS CHANGE NOTIFICATION**

**1. PCN basic data**

|                      |   |                                      |
|----------------------|---|--------------------------------------|
| 1.1 Company          |        | STMicroelectronics International N.V |
| 1.2 PCN No.          | ADG/20/12014  |                                      |
| 1.3 Title of PCN     | Industrial grade qualification of TVS in SMC package at Assembly/Test location in China |                                      |
| 1.4 Product Category | SM15T100A / CA to SM15T220A / CA, SMCJ85A/CA-TR to SMCJ188A/CA-TR                       |                                      |
| 1.5 Issue date       | 2020-02-22  |                                      |

**2. PCN Team**

|                                  |                         |
|----------------------------------|-------------------------|
| <b>2.1 Contact supplier</b>      |                         |
| 2.1.1 Name                       | NEMETH KRISZTINA        |
| 2.1.2 Phone                      | +49 89460062210         |
| 2.1.3 Email                      | krisztina.nemeth@st.com |
| <b>2.2 Change responsibility</b> |                         |
| 2.2.1 Product Manager            | Richard RENARD          |
| 2.1.2 Marketing Manager          | Eric PARIS              |
| 2.1.3 Quality Manager            | Jean-Paul REBRASSE      |

**3. Change**

|                     |   |                                   |
|---------------------|---|-----------------------------------|
| <b>3.1 Category</b> | <b>3.2 Type of change</b>   | <b>3.3 Manufacturing Location</b> |
| 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) | subco in China (Liteon)           |

**4. Description of change**

|   |                           |                               |
|---|---------------------------|-------------------------------|
|   | <b>Old</b>                | <b>New</b>                    |
| 4.1 Description   | assy in Morocco (ST site) | assy in 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 SMC line 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 and industrial SMC package line. |
| 5.2 Customer Benefit | ENVIRONMENT FOOTPRINT  |

**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   | 2020-02-18   |
| 7.2 Intended start of delivery      | 2020-05-25   |
| 7.3 Qualification sample available? | Upon Request |

**8. Qualification / Validation**

|  |             |                   |  |
|--|-------------|-------------------|--|
| 8.1 Description                                    |             |                   |  |
| 8.2 Qualification report and qualification results | In progress | <b>Issue Date</b> |  |

**9. Attachments (additional documentations)**

12014 Public product.pdf  
12014 PCN China subco\_SMC1500W Industrial 85V to 188V\_.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  |
|                         | SM15T200A               |                          |

**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** : Industrial grade qualification of TVS in SMC package at Assembly/Test location in China

**PCN Reference** : ADG/20/12014

**Subject** : Public Products List

Dear Customer,

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

|              |             |             |
|--------------|-------------|-------------|
| SMCJ130CA-TR | SM15T100CA  | SM15T220A   |
| SM15T100A    | SM15T150CA  | SM15T220CA  |
| SMCJ188CA-TR | SM15T200CA  | SMCJ170A-TR |
| SMCJ188A-TR  | SMCJ85CA-TR | SM15T200A   |



### 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.