## **PRODUCT / PROCESS CHANGE NOTIFICATION**

| 1. PCN basic data    |  |  |
|----------------------|--|--|
| 1.1 Company          |  | STMicroelectronics International N.V   |
| 1.2 PCN No.          |  | AMS/20/12425   |
| 1.3 Title of PCN     |  | New assembly site for Standard products (General Purpose Analog) assembled in MiniSO8 packages |
| 1.4 Product Category |  | See product list   |
| 1.5 Issue date       |  | 2020-11-09   |

| 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     | Marcello SAN BIAGIO      |  |
| 2.1.2 Marketing Manager   | Salvatore DI VINCENZO    |  |
| 2.1.3 Quality Manager     | Jean-Marc BUGNARD        |  |

| 3. Change    |   |                            |
|--------------|---|----------------------------|
| 3.1 Category | 3.2 Type of change  | 3.3 Manufacturing Location |
|              | Line transfer for a full process or process brick<br>(process step, control plan, recipes) from one<br>site to another site: Assembly site (SOP 2617) |                            |

| 4. Description of change  |  |  |
|---|--|--|
|   | Old  | New  |
| 4.1 Description   | Assembly location :<br>- Amkor Philippines | Assembly location :<br>- Amkor Philippines<br>- TSHT China |
| 4.2 Anticipated Impact on form,fit, function, quality, reliability or processability? | No impact                                  |  |

| 5. Reason / motivation for change |   |  |
|-----------------------------------|---|--|
|                                   | Progressing on activities related to process modernization and quality improvement, ST is pleased to announce the introduction of TSHT/China (subcontractor) for Assy and Test & Finishing activities for some products assembled in our MiniSO8 package for analog products. The Assembly production will gradually be transferred from Amkor (current subcontractor) to TSHT China. |  |
| 5.2 Customer Benefit              | CAPACITY INCREASE   |  |

| 6. Marking of parts / traceability of change |                         |
|--|-------------------------|
| 6.1 Description                              | New Finished good codes |

| 7. Timing / schedule                |              |
|-------------------------------------|--------------|
| 7.1 Date of qualification results   | 2020-10-30   |
| 7.2 Intended start of delivery      | 2021-02-20   |
| 7.3 Qualification sample available? | Upon Request |

| 8. Qualification / Validation                         |                                       |               |            |
|---|---------------------------------------|---------------|------------|
| 8.1 Description                                       | 12425 PCN MiniSO TSHT-H7 standard.pdf |               |            |
| 8.2 Qualification report and<br>qualification results | Available (see attachment)            | Issue<br>Date | 2020-11-09 |

12425 Public product.pdf 12425 PCN MiniSO TSHT-H7 standard.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  |  |
|                         | OA2MPA34S               |                          |  |
|                         | OA2NP34S                |                          |  |
|                         | OA2ZHA34S               |                          |  |
|                         | TS882IST                |                          |  |
|                         | TS883IST                |                          |  |
|                         | TSU102IST               |                          |  |
|                         | TSU112IST               |                          |  |
|                         | TSV522AIST              |                          |  |
|                         | TSV522IST               |                          |  |
|                         | TSV712IST               |                          |  |
|                         | TSV732IST               |                          |  |
|                         | TSZ122IST               |                          |  |
|                         | TSZ182IST               |                          |  |



## **Public Products List**

Publict 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 : New assembly site for Standard products (General Purpose Analog) assembled in MiniSO8 packages PCN Reference : AMS/20/12425

Subject : Public Products List

Dear Customer,

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

| TSV712IST | TSV522AIST | TSV522IST |
|-----------|------------|-----------|
| TSU112IST | OA2ZHA34S  | TSZ122IST |
| OA2NP34S  | TSV732IST  | TS883IST  |
| TSZ182IST | TSU102IST  | TS882IST  |

## 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