

PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

| | | |
|-----------------------------|------------------------------------------------------------------------------------------------|--------------------------------------|
| 1.1 Company |  | STMicroelectronics International N.V |
| 1.2 PCN No. | ADG/21/12955 | |
| 1.3 Title of PCN | SPC58NN84E7x (FG84): Activation of ASE as Additional Assembly Plant and Rousset EWS (All Ctms) | |
| 1.4 Product Category | see list | |
| 1.5 Issue date | 2021-08-03 | |

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 | Luca RODESCHINI |
| 2.1.2 Marketing Manager | Matteo MOIOLI |
| 2.1.3 Quality Manager | Alberto MERVIC |

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) | Subcon ASE Kaohsiung ST Rousset - France |

4. Description of change

| | | |
|-----------------------------------------------------------------------------------------------|------------------------------------------------------|----------------------------------------------------------------------------------------------|
| | Old | New |
| 4.1 Description | Assembly Location ST Malta EWS Location ST Agrate | Assembly Location ST Malta and Subcon ASE Kaohsiung EWS Location ST Agrate and ST Rousset |
| 4.2 Anticipated Impact on form, fit, function, quality, reliability or processability? | No Impact | |

5. Reason / motivation for change

| | |
|-----------------------------|-------------------------------------------------------------|
| 5.1 Motivation | Dual Sourcing Strategy and Service and Capacity Improvement |
| 5.2 Customer Benefit | DOUBLE SOURCING |

6. Marking of parts / traceability of change

| | |
|------------------------|-------------------------------|
| 6.1 Description | Dedicated Finished Good Codes |
|------------------------|-------------------------------|

7. Timing / schedule

| | |
|--------------------------------------------|--------------|
| 7.1 Date of qualification results | 2022-02-28 |
| 7.2 Intended start of delivery | 2022-03-28 |
| 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)

12955 Public product.pdf
12955 Details.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 |
| | SPC58NN84E7RMHBR | |

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

| | |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | <p>SEM-PA-11 - Change of mold compound / encapsulation material SEM-PA-19 – Move all or part of production to a different assembly site</p> <p>2 – Both Agrate and Rousset EWS site are Automotive certified and historically used for Micro's wafer probing Rousset site is utilized for this class of devices since years (Automotive production) Standard products EWS transfer procedure has been used to perform the activation (correlation exercise)</p> |
| REPORTS | <p>Transfer validation is presently in progress AEC-Q100 Reliability Report will be provided with complete set of qualification (including AEC-Q006 results) within February 2022</p> |
| IMPLEMENTATION. | <p>Change activation is proposed upon ST full qualification, pending Customer approval</p> |



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 : SPC58NN84E7x (FG84): Activation of ASE as Additional Assembly Plant and Rousset EWS (All Ctms)

PCN Reference : ADG/21/12955

Subject : Public Products List

Dear Customer,

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

| | | |
|------------------|------------------|------------------|
| SPC58NN84E7RMHBY | SPC58NN84E7RMHBR | SPC58NN84E7YMHBR |
|------------------|------------------|------------------|



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.