


**PRODUCT / PROCESS CHANGE NOTIFICATION**

**1. PCN basic data**

|                             |   |                                      |
|-----------------------------|---|--------------------------------------|
| <b>1.1 Company</b>          |  | STMicroelectronics International N.V |
| <b>1.2 PCN No.</b>          | ADG/21/12684  |                                      |
| <b>1.3 Title of PCN</b>     | SPC58x (FC70,FC80): TQFP-144 Package Update (Capacity Increase)                   |                                      |
| <b>1.4 Product Category</b> | see list  |                                      |
| <b>1.5 Issue date</b>       | 2021-03-15  |                                      |

**2. PCN Team**

|                                  |                          |
|----------------------------------|--------------------------|
| <b>2.1 Contact supplier</b>      |                          |
| <b>2.1.1 Name</b>                | ROBERTSON HEATHER        |
| <b>2.1.2 Phone</b>               | +1 8475853058            |
| <b>2.1.3 Email</b>               | heather.robertson@st.com |
| <b>2.2 Change responsibility</b> |                          |
| <b>2.2.1 Product Manager</b>     | Luca RODESCHINI          |
| <b>2.1.2 Marketing Manager</b>   | Matteo MOIOLI            |
| <b>2.1.3 Quality Manager</b>     | Alberto MERVIC           |

**3. Change**

|                     |                           |                                   |
|---------------------|---------------------------|-----------------------------------|
| <b>3.1 Category</b> | <b>3.2 Type of change</b> | <b>3.3 Manufacturing Location</b> |
| Materials           | (Not Defined)             | ST Kirkop (Malta)                 |

**4. Description of change**

|  | Old   | New   |
|--|---|---|
| <b>4.1 Description</b>   | Lead Frame Single Row<br>Lead Frame Finishing Ni/Pd/Au<br>(PrePlatedFrame)<br>Mold Compound SUMITOMO EME G700LS | Lead Frame Dual Row<br>Lead Frame Finishing Ni/Pd/Au-Ag<br>(PrePlatedFrame)<br>Mold Compound SUMITOMO EME G700SLS-A |
| <b>4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?</b> | No Impact   |   |

**5. Reason / motivation for change**

|                             |   |
|-----------------------------|---|
| <b>5.1 Motivation</b>       | Capacity increase (from single to dual row leadframe) |
| <b>5.2 Customer Benefit</b> | CAPACITY INCREASE                                     |

**6. Marking of parts / traceability of change**

|                        |                               |
|------------------------|-------------------------------|
| <b>6.1 Description</b> | Dedicated Finished Good Codes |
|------------------------|-------------------------------|

**7. Timing / schedule**

|  |              |
|--|--------------|
| <b>7.1 Date of qualification results</b>   | 2021-06-30   |
| <b>7.2 Intended start of delivery</b>      | 2021-07-15   |
| <b>7.3 Qualification sample available?</b> | Upon Request |

**8. Qualification / Validation**

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

**9. Attachments (additional documentations)**

**10. Affected parts**

| <b>10. 1 Current</b>           |                                |                                | <b>10.2 New (if applicable)</b> |
|--------------------------------|--------------------------------|--------------------------------|---------------------------------|
| <b>10.1.1 Customer Part No</b> | <b>10.1.2 Supplier Part No</b> | <b>10.1.2 Supplier Part No</b> |                                 |
|                                | SPC584B70E5EHC0X               |                                |                                 |
|                                | SPC58EC80E5QMC0Y               |                                |                                 |



## 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** : SPC58x (FC70,FC80): TQFP-144 Package Update (Capacity Increase)

**PCN Reference** : ADG/21/12684

**Subject** : Public Products List

Dear Customer,

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

|                  |                  |                  |
|------------------|------------------|------------------|
| SPC584B60E5EDC0X | SPC584B70E5EHC0X | SPC58EC80E5EMC0X |
| SPC58EC80E5QMC0Y | SPC58EC80E5QMC0X | SPC584B60E5CD00X |
| SPC584B70E5NMC0X | SPC584B70E5CD00X | SPC584B70E5NHC0X |
| SPC584B70E5EMC0X | SPC58EC80E5FMC0X |                  |



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