

PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

| | | |
|-----------------------------|---|--------------------------------------|
| 1.1 Company |  | STMicroelectronics International N.V |
| 1.2 PCN No. | ADG/20/12046 | |
| 1.3 Title of PCN | Industrial grade qualification of surge suppressor in SMA & SMB packages at Assembly/Test location in China | |
| 1.4 Product Category | <ul style="list-style-type: none"> • Package: SMA & SMB • Product series: SMP30, SMP50, SMP75, SMP80MC. • LBP01-0810B. | |
| 1.5 Issue date | 2020-03-06 | |

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 | Eric PARIS |
| 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) | assy site Morocco (ST) and assy site China (subco Liteon) |

4. Description of change

| | | |
|---|------------------------|--------------------------------|
| | Old | New |
| 4.1 Description | assy site Morocco (ST) | assy site 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 SMA and SMB lines 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 SMA and SMB package lines. |
| 5.2 Customer Benefit | MANUFACTURING FLEXIBILITY |

6. Marking of parts / traceability of change

| | |
|------------------------|---|
| 6.1 Description | marking, internal codification, QA number |
|------------------------|---|

7. Timing / schedule

| | |
|--|--------------|
| 7.1 Date of qualification results | 2020-12-11 |
| 7.2 Intended start of delivery | 2021-01-08 |
| 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)

12046 Public product.pdf
 12046 PCN China subco_SMA & SMB Trisil Industrial_12046.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 |
| 497-4088-2-ND | SMP100LC-140 | |
| 497-4089-2-ND | SMP100LC-160 | |
| 497-4090-2-ND | SMP100LC-200 | |
| 497-4091-2-ND | SMP100LC-230 | |
| | SMP100LC-25 | |
| 497-4092-2-ND | SMP100LC-270 | |
| 497-4093-2-ND | SMP100LC-35 | |
| 497-4095-2-ND | SMP100LC-400 | |
| | SMP100LC-65 | |
| 497-3720-2-ND | SMP100LC-8 | |
| 497-4097-2-ND | SMP100LC-90 | |
| | SMP100MC-140 | |
| 497-4298-2-ND | SMP100MC-160 | |
| 497-4299-2-ND | SMP100MC-200 | |
| 497-4301-2-ND | SMP100MC-270 | |
| | SMP100MC-400 | |
| | SMP30-240 | |
| | SMP30-270 | |
| | SMP30-68 | |
| | SMP50-130 | |
| | SMP50-180 | |
| | SMP50-200 | |
| | SMP50-270 | |
| | SMP50-68 | |
| 497-3721-2-ND | SMP75-8 | |
| 497-4302-2-ND | SMP80MC-270 | |
| 497-3722-2-ND | SMTPA100 | |
| | SMTPA120 | |
| | SMTPA130 | |
| 497-3723-2-ND | SMTPA180 | |
| | SMTPA200 | |
| | SMTPA220 | |
| | SMTPA240 | |
| 497-3724-2-ND | SMTPA270 | |
| | SMTPA62 | |



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 surge suppressor in SMA & SMB packages at Assembly/Test location in China

PCN Reference : ADG/20/12046

Subject : Public Products List

Dear Customer,

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

| | | |
|--------------|--------------|--------------|
| SMP30-62 | SMTPA120 | SMTPA220 |
| SMP100LC-140 | SMP30-270 | SMP50-200 |
| SMP100MC-270 | SMP100LC-90 | SMP50-270 |
| SMP100MC-400 | SMP50-130 | SMP50-68 |
| SMP75-8 | SMTPA240 | SMTPA130 |
| SMP100LC-200 | SMP100MC-160 | SMP100LC-230 |
| SMP30-68 | SMP100LC-65 | SMP50-180 |
| SMTPA68 | SMP100LC-400 | SMP80MC-270 |
| SMP100MC-200 | SMTPA320 | SMP30-240 |
| SMP50-220 | SMP100LC-8 | SMP80MC-200 |
| SMTPA62 | SMTPA200 | SMP100LC-25 |
| SMTPA100 | SMP100LC-35 | SMP100LC-270 |
| SMP100MC-140 | SMP50-100 | SMTPA270 |
| SMP100LC-160 | SMTPA180 | |



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