

PRODUCT / PROCESS CHANGE INFORMATION

1. PCI basic data

| | | |
|----------------------|---|--------------------------------------|
| 1.1 Company |  | STMicroelectronics International N.V |
| 1.2 PCI No. | CRP/21/13125 | |
| 1.3 Title of PCI | Inner Box Change for Automation Packing | |
| 1.4 Product Category | To refer to product list | |
| 1.5 Issue date | 2021-12-09 | |

2. PCI Team

| | |
|----------------------------------|-------------------------|
| 2.1 Contact supplier | |
| 2.1.1 Name | SAWTELLE KRISTIN |
| 2.1.2 Phone | |
| 2.1.3 Email | kristin.sawtelle@st.com |
| 2.2 Change responsibility | |
| 2.2.1 Process Owner | Chiara ZACCHERINI |
| 2.1.2 Corporate Quality Manager | Gerard PETIT |

3. Change

| | | |
|---------------------|---|-----------------------------------|
| 3.1 Category | 3.2 Type of change | 3.3 Manufacturing Location |
| Materials | Any indirect material modifications for shipping products in dimensions, material, composition, orientation | BEMT Plant / ST Shenzhen |

4. Description of change

| | | |
|---|--|---|
| | Old | New |
| 4.1 Description | 3CP71972 and 3CP80023 inner boxes are opened from side | 3CP90018 and 3CP10059 inner boxes are opened from top |
| 4.2 Anticipated Impact on form, fit, function, quality, reliability or processability? | Form: no change Fit: no change (Inner Box opening from Side direction to Top direction) Function: no change Reliability : no change Processability : no change | |

5. Reason / motivation for change

| | |
|-----------------------------|---|
| 5.1 Motivation | - To extend Automation on Packing Line in ST Shenzhen (Extended to D2PAK, H2PAK, DPAK, HPAK, OctaPAK, PowerFlat, TO220 13" T&R packing, pre-launched at SO8&16, TSSOP8&20, PSSO12&16 packages at NOV'19) - Current inner box 3CP71972 & 3CP80023 can only be open in side direction, this open method can't be handled by automation handler - To introduce new designed inner boxes 3CP90018 & 3CP10059 which could be open on top direction to accommodate by the automation handler. |
| 5.2 Customer Benefit | MANUFACTURING FLEXIBILITY |

6. Marking of parts / traceability of change

| | |
|------------------------|--------------------------|
| 6.1 Description | To refer to product list |
|------------------------|--------------------------|

7. Timing / schedule

| | |
|--|--------------|
| 7.1 Date of qualification results | 2021-12-13 |
| 7.2 Intended start of delivery | 2022-01-31 |
| 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)

13125 Public product.pdf
13125 PCI_13125_Detailed Description_W48.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 |
| | SCTH100N65G2-7AG | |
| | STB20N65M5 | |
| | STB20N95K5 | |
| | STB40N60M2 | |
| | STB43N65M5 | |
| | STB45N50DM2AG | |
| | STB45N60DM2AG | |
| | STD14NM50NAG | |
| | STD35P6LLF6 | |
| | STD6N95K5 | |
| | STGB15M65DF2 | |
| | STH3N150-2 | |
| | STL62P3LLH6 | |
| | STPS340B-TR | |
| | TN1215-800G-TR | |
| | VND5N07TR-E | |

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