

# PRODUCT / PROCESS CHANGE INFORMATION

## 1. PCI basic data

|                      |  |
|----------------------|--|
| 1.1 Company          |  STMicroelectronics International N.V |
| 1.2 PCI No.          | CRP/24/14192   |
| 1.3 Title of PCI     | TSSOP 4.4mm body(8/14/16/20/24/28/38L) Tube Printing and Plug Change - AMKOR (ATP)                                     |
| 1.4 Product Category | Refer to impacted product list   |
| 1.5 Issue date       | 2024-01-19   |

## 2. PCI 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 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    | New Indirect material part number (same supplier or different supplier): Boxes, trays, carriers, back grinding tape, wafer mounting tape, mold tape, etc.. | AMKOR (ATP)                |

## 4. Description of change

|   |  |  |
|---|--|--|
|   | Old  | New  |
| 4.1 Description   | Tube SID#: 201299450<br>Plug SID# : 201298542 (with 3 fins on 1 side only)   | Tube SID#: 201309251 (new printing on tube only)<br>Plug SID# : 201309306 (with 3 fins on 2 sides) |
| 4.2 Anticipated Impact on form,fit, function, quality, reliability or processability? | Form : No change<br>Fit : No Change<br>Function : No Change<br>Reliability : No Change<br>Processability : No Change |  |

## 5. Reason / motivation for change

|                      |  |
|----------------------|--|
| 5.1 Motivation       | Amkor (ATP) alignment of ST TSSOP 4.4mm body tube printing based on ST Tube printing requirement (Reference Specification 0062566) and on ST plug requirement (Reference Specification 8098403). |
| 5.2 Customer Benefit | QUALITY IMPROVEMENT  |

## 6. Marking of parts / traceability of change

|                 |                                   |
|-----------------|-----------------------------------|
| 6.1 Description | Date-code - Internal Traceability |
|-----------------|-----------------------------------|

## 7. Timing / schedule

|                                     |              |
|-------------------------------------|--------------|
| 7.1 Date of qualification results   | 2023-12-04   |
| 7.2 Intended start of delivery      | 2024-04-15   |
| 7.3 Qualification sample available? | Upon Request |

## 8. Qualification / Validation

|  |  |            |            |
|--|--|------------|------------|
| 8.1 Description                                    | 14192 PCI_TSSOP Tube Printing and Plug Change_revC.pdf |            |            |
| 8.2 Qualification report and qualification results | Available (see attachment)                             | Issue Date | 2024-01-19 |

| 9. Attachments (additional documentations)   |
|--|
| 14192 Public product.pdf<br>14192 PCI_TSSOP Tube Printing and Plug Change_revC.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  |
| PCLT-2AT4               | PCLT-2AT4               |                          |
|                         | SPV1040T                |                          |
|                         | STM32F042F4P6           |                          |
|                         | STM32F042F6P6           |                          |
|                         | STM32F042F6P7           |                          |
|                         | STM32F070F6P6           |                          |
|                         | STM32L011D3P6           |                          |
|                         | STM32L011D4P6           |                          |
|                         | STM32L011D4P7           |                          |
|                         | STM32L021D4P6           |                          |
|                         | STM32L021D4P7           |                          |
|                         | STM32L031F4P3           |                          |
|                         | STM32L031F4P6           |                          |
|                         | STM32L031F6P6           |                          |
|                         | STM32L031F6P7           |                          |
|                         | STM32L041F6P7           |                          |
|                         | STM8AF6213PCAU          |                          |
|                         | STM8AF6213PCU           |                          |
|                         | STM8AF6213PDU           |                          |
|                         | STM8AF6223IPCU          |                          |
|                         | STM8AF6223PAAU          |                          |
|                         | STM8AF6223PAU           |                          |
|                         | STM8AF6223PCAU          |                          |
|                         | STM8AF6223PCU           |                          |
|                         | STM8AF6223PDAU          |                          |
|                         | STM8AF6223PDU           |                          |
|                         | STM8L051F3P6            |                          |
|                         | STM8L101F2P3            |                          |
|                         | STM8L101F2P6            |                          |
|                         | STM8L101F3P3            |                          |
|                         | STM8L151F2P6            |                          |
|                         | STM8L151F3P3            |                          |
|                         | STM8L151F3P6            |                          |

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## Public Products List

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**PCI Title :** TSSOP 4.4mm body(8/14/16/20/24/28/38L) Tube Printing and Plug Change - AMKOR (ATP)

**PCI Reference :** CRP/24/14192

**Subject :** Public Products List

Dear Customer,

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

|                |                |                |
|----------------|----------------|----------------|
| STM8L151F2P6   | STM8L101F2P6   | STM32L011D4P7  |
| STM32F042F6P6  | STM8L051F3P6   | STM8L151F3P3   |
| PCLT-2AT4      | STM8L151F3P6   | STM32L021D4P7  |
| STM32L011D3P6  | STM8TL52F4P6   | STM32F070F6P6  |
| STM8TL53F4P6   | STM32L031F4P6  | STM32L031F4P3  |
| STM32L031F6P7  | STM32F042F4P6  | SPV1040T       |
| STM32L041F6P7  | STM8L101F2P3   | STM32L031F6P6  |
| STM32L021D4P7D | STM32F042F6P7  | STM8L101F3P3   |
| STM32L011D4P6  | STM32L021D4P6  | STM8AF6223PAU  |
| STM8AF6213PCU  | STM8AF6213PDU  | STM8AF6223PCAU |
| STM8AF6213PCAU | STM8AF6223PCU  | STM8AF6223PDU  |
| STM8AF6223PAAU | STM8AF6223PDAU | STM8AF6223PCU  |

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