

PRODUCT / PROCESS CHANGE INFORMATION

1. PCI basic data

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| 1.1 Company |  | STMicroelectronics International N.V |
| 1.2 PCI No. | MICROCONTROLLERS/25/15166 | |
| 1.3 Title of PCI | JSCC (China) - KOSTAT Carrier Tape & Cover Tape alternative packing material for TQFP7x7 & QFP10x10 package on listed products. | |
| 1.4 Product Category | STM32C0x, STM32F0x, STM32F1x, STM32F2x, STM32F3x, STM32F4x, STM32F7x, STM32G0x, STM32G4x, STM32H5x, STM32H7x, STM32L0x, STM32L1x, STM32L4x, STM32L5x, STM32U0x, STM32U3x, STM32U5x, STM8L0x, STM8L1x, STM8S0x, STM8S1x, STM8S2x, STM8S9x All listed products in Tape & Reel packing only. | |
| 1.5 Issue date | 2025-01-27 | |

2. PCI Team

| | |
|---------------------------|-------------------------|
| 2.1 Contact supplier | |
| 2.1.1 Name | KRISZTINA NEMETH |
| 2.1.2 Phone | +49 89460062210 |
| 2.1.3 Email | krisztina.nemeth@st.com |
| 2.2 Change responsibility | |
| 2.2.1 Product Manager | Patrick AIDOUNE |
| 2.1.2 Marketing Manager | Veronique BARLATIER |
| 2.1.3 Quality Manager | Pascal NARCHE |

3. Change

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|--------------|--|----------------------------|
| 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.. | STATSChipPAC JSCC (China) |

4. Description of change

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| | Old | New |
| 4.1 Description | For QFP7X7, QFP10X10 packages - E-PAK carrier tape and cover tape | For QFP7X7 & QFP10X10 packages - E-PAK carrier tape and cover tape (until depletion of current material). - Then KOSTAT carrier tape (4-side partial fence) and cover tape. |
| 4.2 Anticipated Impact on form, fit, function, quality, reliability or processability? | No impact | |

5. Reason / motivation for change

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| 5.1 Motivation | Alternate Tape & Reel material with more robust 4-side fence pockets design to further reduce risk of potential bent leads issues during reel handling. |
| 5.2 Customer Benefit | SERVICE IMPROVEMENT |

6. Marking of parts / traceability of change

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| 6.1 Description | Traceability ensured by ST internal tools |
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7. Timing / schedule

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| 7.1 Date of qualification results | 2024-11-27 |
| 7.2 Intended start of delivery | 2025-04-15 |
| 7.3 Qualification sample available? | Not Applicable |

| 8. Qualification / Validation | | | |
|--|------------------------------|------------|------------|
| 8.1 Description | 15166 GPAM-qualification.pdf | | |
| 8.2 Qualification report and qualification results | Available (see attachment) | Issue Date | 2025-01-27 |

| 9. Attachments (additional documentations) |
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| 15166 Public product.pdf 15166 GPAM-qualification.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 |
| | STM32C031C6T6TR | |
| | STM32F030C6T6TR | |
| | STM32F030C8T6TR | |
| | STM32F030CCT6TR | |
| | STM32F030K6T6TR | |
| | STM32F030R8T6TR | |
| | STM32F030RCT6TR | |
| | STM32F031C6T6TR | |
| | STM32F031C6T7TR | |
| | STM32F042K6T6TR | |
| | STM32F042K6T7TR | |
| | STM32F051C8T6TR | |
| | STM32F051C8T7TR | |
| | STM32F051K4T6TR | |
| | STM32F051K6T6TR | |
| | STM32F051K6T7TR | |
| | STM32F051K8T6TR | |
| | STM32F051R6T6TR | |
| | STM32F051R6T7TR | |
| | STM32F051R8T6TR | |
| | STM32F051R8T7TR | |
| | STM32F070C6T6TR | |
| | STM32F070CBT6TR | |
| | STM32F070RBT6TR | |
| | STM32F071CBT6TR | |
| | STM32F071RBT6TR | |
| | STM32F071RBT7TR | |
| | STM32F072C8T6TR | |
| | STM32F072CBT6TR | |
| | STM32F072R8T6TR | |
| | STM32F072RBT6TR | |
| | STM32F072RBT7TR | |
| | STM32F091CBT6TR | |
| | STM32F091CBT7TR | |
| | STM32F091CCT6TR | |
| | STM32F091RCT6TR | |
| | STM32F100C6TBTR | |
| | STM32F100C8TBTR | |
| | STM32F100C8T7BTR | |
| | STM32F100CBT6BTR | |

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| | STM32F100CBT7BTR | |
| | STM32F100R4T6BTR | |
| | STM32F100R6T6BTR | |
| | STM32F100R8T6BTR | |
| | STM32F100RBT6BTR | |
| | STM32F100RCT6BTR | |
| | STM32F100RDT6BTR | |
| | STM32F101C6T6ATR | |
| | STM32F101C8T6TR | |
| | STM32F101CBT6TR | |
| | STM32F101R8T6TR | |
| | STM32F101RBT6TR | |
| | STM32F101RCT6TR | |
| | STM32F101RDT6TR | |
| | STM32F101RFT6TR | |
| | STM32F101RGT6TR | |
| | STM32F102C6T6ATR | |
| | STM32F102C8T6TR | |
| | STM32F102RBT6TR | |
| | STM32F103C6T6ATR | |
| | STM32F103C6T7ATR | |
| | STM32F103C8T6TR | |
| | STM32F103C8T7TR | |
| | STM32F103CBT6TR | |
| | STM32F103CBT7TR | |
| | STM32F103R6T6ATR | |
| | STM32F103R8T6TR | |
| | STM32F103RBT6TR | |
| | STM32F103RBT7TR | |
| | STM32F103RCT6TR | |
| | STM32F103RCT7TR | |
| | STM32F103RDT6TR | |
| | STM32F103RET6TR | |
| | STM32F103RFT6TR | |
| | STM32F103RGT6TR | |
| | STM32F105R8T6TR | |
| | STM32F105RBT6TR | |
| | STM32F105RCT6TR | |
| | STM32F107RBT6TR | |
| | STM32F107RCT6TR | |
| | STM32F205RBT6TR | |
| | STM32F205RCT6TR | |
| | STM32F205RCT7TR | |
| | STM32F205RET6TR | |
| | STM32F205RFT6TR | |
| | STM32F205RGT6TR | |
| | STM32F215RGT6TR | |
| | STM32F301C8T6TR | |
| | STM32F301K8T6TR | |
| | STM32F302CBT6TR | |
| | STM32F302CCT6TR | |

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| | STM32F302R8T6TR | |
| | STM32F302RBT6TR | |
| | STM32F302RCT6TR | |
| | STM32F302RCT7TR | |
| | STM32F302RDT6TR | |
| | STM32F302RDT7TR | |
| | STM32F302RET6TR | |
| | STM32F303CBT6TR | |
| | STM32F303CCT6TR | |
| | STM32F303RBT6TR | |
| | STM32F303RBT7TR | |
| | STM32F303RCT6TR | |
| | STM32F303RCT7TR | |
| | STM32F303RET6TR | |
| | STM32F334C6T6TR | |
| | STM32F334C8T7TR | |
| | STM32F334K8T6TR | |
| | STM32F334R8T6TR | |
| | STM32F334R8T7TR | |
| | STM32F373C8T6TR | |
| | STM32F373CCT6TR | |
| | STM32F373R8T6TR | |
| | STM32F373RCT6TR | |
| | STM32F401RBT6TR | |
| | STM32F401RCT6TR | |
| | STM32F401RCT7TR | |
| | STM32F401RDT6TR | |
| | STM32F401RET6TR | |
| | STM32F405RGT6TR | |
| | STM32F405RGT7TR | |
| | STM32F410RBT6TR | |
| | STM32F410RBT7TR | |
| | STM32F411RCT6TR | |
| | STM32F411RET6TR | |
| | STM32F412RET6TR | |
| | STM32F412RGT6TR | |
| | STM32F413RGT6TR | |
| | STM32F415RGT6TR | |
| | STM32F423RHT6TR | |
| | STM32F446RCT6TR | |
| | STM32F446RET6TR | |
| | STM32F446RET7TR | |
| | STM32G030C6T6TR | |
| | STM32G030C8T6TR | |
| | STM32G030K6T6TR | |
| | STM32G030K8T6TR | |
| | STM32G031C6T7TR | |
| | STM32G031K8T3TR | |
| | STM32G070CBT6TR | |
| | STM32G070KBT6TR | |
| | STM32G070RBT6TR | |

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| | STM32G071C8T6TR | |
| | STM32G071CBT3TR | |
| | STM32G071CBT6TR | |
| | STM32G071K8T3TR | |
| | STM32G071KBT3TR | |
| | STM32G071KBT6TR | |
| | STM32G071R8T6TR | |
| | STM32G071RBT6TR | |
| | STM32G0B0CET6TR | |
| | STM32G0B0RET6TR | |
| | STM32G0B1CCT6TR | |
| | STM32G0B1CET6TR | |
| | STM32G0B1KBT3TR | |
| | STM32G0B1RCT6TR | |
| | STM32G0B1RET6TR | |
| | STM32G431CBT6TR | |
| | STM32G431RBT3TR | |
| | STM32G431RBT6TR | |
| | STM32G473CCT3TR | |
| | STM32G473RCT6TR | |
| | STM32G491CCT3TR | |
| | STM32G491RCT6TR | |
| | STM32G491RET6TR | |
| | STM32H562RGT6TR | |
| | STM32L010K8T6TR | |
| | STM32L010RBT6TR | |
| | STM32L011K4T6TR | |
| | STM32L031K6T6TR | |
| | STM32L051C8T6TR | |
| | STM32L051C8T7TR | |
| | STM32L051K6T6TR | |
| | STM32L051K8T6TR | |
| | STM32L051R8T6TR | |
| | STM32L052C8T6TR | |
| | STM32L053C8T6TR | |
| | STM32L053R8T6TR | |
| | STM32L071CBT6TR | |
| | STM32L071CZT6TR | |
| | STM32L071KBT6TR | |
| | STM32L071RBT6TR | |
| | STM32L071RZT6TR | |
| | STM32L072CZT6TR | |
| | STM32L072RBT6TR | |
| | STM32L072RZT6TR | |
| | STM32L083CZT6TR | |
| | STM32L083RZT6TR | |
| | STM32L100R8T6TR | |
| | STM32L100RBT6ATR | |
| | STM32L100RCT6TR | |
| | STM32L151C6T6ATR | |
| | STM32L151CBT6ATR | |

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| | STM32L151CCT6TR | |
| | STM32L151R8T6ATR | |
| | STM32L151RBT6ATR | |
| | STM32L151RBT6TR | |
| | STM32L151RCT6ATR | |
| | STM32L151RCT6TR | |
| | STM32L151RDT6TR | |
| | STM32L151RET6TR | |
| | STM32L152RCT6TR | |
| | STM32L162RCT6TR | |
| | STM32L412CBT3TR | |
| | STM32L412K8T6TR | |
| | STM32L412RBT6TR | |
| | STM32L431CBT6TR | |
| | STM32L431CCT6TR | |
| | STM32L431RBT6TR | |
| | STM32L431RCT6TR | |
| | STM32L433RCT6TR | |
| | STM32L451RET6TR | |
| | STM32L452RET6TR | |
| | STM32L471RET6TR | |
| | STM32L471RGT6TR | |
| | STM32L475RGT6TR | |
| | STM32L476RCT6TR | |
| | STM32L476RET6TR | |
| | STM32L476RGT6TR | |
| | STM32L486RGT6TR | |
| | STM32L496RET6TR | |
| | STM32L496RGT3TR | |
| | STM32L496RGT6TR | |
| | STM32L562RET6TR | |
| | STM32U575RGT6TR | |
| | STM8L052C6T6TR | |
| | STM8L052R8T6TR | |
| | STM8L101K3T3TR | |
| | STM8L151C4T6TR | |
| | STM8L151C6T6TR | |
| | STM8L151C8T6TR | |
| | STM8L151K4T6TR | |
| | STM8L151K6T6TR | |
| | STM8L151R6T6TR | |
| | STM8L152C4T3TR | |
| | STM8L152C4T6TR | |
| | STM8L152C6T6TR | |
| | STM8L152C8T6TR | |
| | STM8S003K3T6CTR | |
| | STM8S005C6T6TR | |
| | STM8S005K6T6CTR | |
| | STM8S007C8T6TR | |
| | STM8S103K3T6CTR | |
| | STM8S105C4T6TR | |

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| | STM8S105C6T6TR | |
| | STM8S105K4T6CTR | |
| | STM8S105K6T3CTR | |
| | STM8S105K6T6CTR | |
| | STM8S105S6T6CTR | |
| | STM8S207C8T6TR | |
| | STM8S207CBT6TR | |
| | STM8S207K6T3CTR | |
| | STM8S207K6T6CTR | |
| | STM8S207K8T3CTR | |
| | STM8S207K8T6CTR | |
| | STM8S207R8T3TR | |
| | STM8S207R8T6TR | |
| | STM8S207RBT3TR | |
| | STM8S207RBT6TR | |
| | STM8S208C8T6TR | |
| | STM8S903K3T6CTR | |
| | STM32F042C6T6TR | |
| | STM32F100C4T6BTR | |
| | STM32F100RET6BTR | |
| | STM32F101RET6TR | |
| | STM32F103R8T7TR | |
| | STM32F446RCT7TR | |
| | STM32G474RET6TR | |
| | STM32L100RBT6TR | |
| | STM32L151C6T6TR | |
| | STM32L152R8T6TR | |
| | STM32L152RCT6ATR | |
| | STM32L162RET6TR | |
| | STM8S105K4T3CTR | |
| | STM8S105S4T6CTR | |
| | STM8S207C6T6TR | |
| | STM8S208C6T6TR | |
| | STM32F100RCT6TR | |

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