

PRODUCT / PROCESS CHANGE INFORMATION

1. PCI basic data

| | | |
|-----------------------------|---|--------------------------------------|
| 1.1 Company |  | STMicroelectronics International N.V |
| 1.2 PCI No. | CRP/22/13586 | |
| 1.3 Title of PCI | ATX Wei Hai* – Qualification of Reel Design Change for STM DPAK TO-252 Devices (*ATX Wei Hai formerly known as ASE Wei Hai) | |
| 1.4 Product Category | Refer to impacted product list | |
| 1.5 Issue date | 2022-08-22 | |

2. PCI Team

| | |
|--|-------------------|
| 2.1 Contact supplier | |
| 2.1.1 Name | KRAUSE INA |
| 2.1.2 Phone | +49 89460062370 |
| 2.1.3 Email | ina.krause@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 | ATX Wei Hai |

4. Description of change

| | | |
|---|---|--|
| | Old | New |
| 4.1 Description | Reel used for DPAK TO-252 devices fixed pin at hub to bond reel | Reel used for DPAK TO-252 devices welding at hub to bond reel. |
| 4.2 Anticipated Impact on form, fit, function, quality, reliability or processability? | - Form: No change on product - Fit: No change on product - Function: No change on product - Reliability, or Processability: No change on product | |

5. Reason / motivation for change

| | |
|-----------------------------|---|
| 5.1 Motivation | The main benefits are: This change is for quality continuous improvement to have robust reel protection and enhance the reel strength by redesign. |
| 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 | 2022-08-31 |
| 7.2 Intended start of delivery | 2022-12-30 |
| 7.3 Qualification sample available? | Upon Request |

8. Qualification / Validation

| | | | |
|---|----------------------------|-------------------|------------|
| 8.1 Description | 13586 Drop Test Result.pdf | | |
| 8.2 Qualification report and qualification results | Available (see attachment) | Issue Date | 2022-08-22 |

9. Attachments (additional documentations)

13586 Public product.pdf
13586 PCI_ATX Wei Hai_Qualification of Reel Design Change for STM DPAK TO-252 Devices.pdf
13586 Jamming Assessment.pdf
13586 Drop Test Result.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 |
| | STD11N65M5 | |
| | STD3N80K5 | |
| | STD5N60DM2 | |
| | STD9N60M2 | |
| | STPS15L30CB-TR | |
| | STPS15L45CB-TR | |
| | STPS4S200B-TR | |
| | STPS8L30B-TR | |
| | STTH1002CB-TR | |
| | STTH1003SB-TR | |
| 3581075 | STTH25M06B-TR | |

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