

PRODUCT / PROCESS CHANGE INFORMATION

1. PCI basic data

| | | |
|-----------------------------|---|--------------------------------------|
| 1.1 Company |  | STMicroelectronics International N.V |
| 1.2 PCI No. | AMS/21/13145 | |
| 1.3 Title of PCI | Test site transfer from Amkor ATT3 to Amkor ATT6 for LD39130 and STLQ020 devices in Flip Chip Package | |
| 1.4 Product Category | See product list | |
| 1.5 Issue date | 2021-12-03 | |

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 Product Manager | Marcello SAN BIAGIO |
| 2.1.2 Marketing Manager | Salvatore DI VINCENZO |
| 2.1.3 Quality Manager | Giuseppe LISI |

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: Testing (SOP 2617) | Amkor Taiwan (subcon) ATT6 |

4. Description of change

| | | |
|--|--|--|
| | Old | New |
| 4.1 Description | Amkor Taiwan (subcon) ATT3 (T3) as Test site | Amkor Taiwan (subcon) ATT6 (T6) as Test site |
| 4.2 Anticipated Impact on form,fit, function, quality, reliability or processability? | No impact in terms of Form, Fit, Function, Reliability or Processability | |

5. Reason / motivation for change

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|-----------------------------|---|
| 5.1 Motivation | Following Divisional Commitments towards a continuous improvement philosophy and in agreement with Amkor testing strategy, this transfer guarantees the expansion of test space and consolidates al testers' process in same location, allowing to increase efficiency and production capacity. |
| 5.2 Customer Benefit | SERVICE CONTINUITY |

6. Marking of parts / traceability of change

| | |
|------------------------|---|
| 6.1 Description | By EWS Plant codification (from 996R AMKOR ATT3, to 9936 AMKOR ATT6) and internal traceability. No product codification change. T6 is added as 2nd EWS test plant into the ST EWS Instructions form |
|------------------------|---|

7. Timing / schedule

| | |
|--|--------------|
| 7.1 Date of qualification results | 2021-11-30 |
| 7.2 Intended start of delivery | 2022-01-08 |
| 7.3 Qualification sample available? | Upon Request |

8. Qualification / Validation

| | | | |
|---|----------------------------|-------------------|------------|
| 8.1 Description | 13145 PCI documents.zip | | |
| 8.2 Qualification report and qualification results | Available (see attachment) | Issue Date | 2021-12-03 |

9. Attachments (additional documentations)

13145 Public product.pdf
13145 PCI documents.zip

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 |
| | STLQ020J18R | |
| | STLQ020J25R | |
| | STLQ020J30R | |
| | STLQ020J33R | |



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

PCI Title : Test site transfer from Amkor ATT3 to Amkor ATT6 for LD39130 and STLQ020 devices in Flip Chip Package

PCI Reference : AMS/21/13145

Subject : Public Products List

Dear Customer,

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

| | | |
|-------------|-------------|-------------|
| STLQ020J18R | STLQ020J30R | STLQ020J25R |
| STLQ020J33R | | |



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