



Final Product/Process Change Notification

Document #:FPCN24731X1

Issue Date: 15 Sep 2022

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| Title of Change: | Update to FPCN24731X – To inform customers that parts listed in this update notice will no longer undergo the change described in original FPCN24731X. |
| Proposed First Ship date: | N/A |
| Contact Information: | Contact your local onsemi Sales Office or Polen.Pitpit@onsemi.com |
| PCN Samples Contact: | Contact your local onsemi Sales Office. Sample requests are to be submitted no later than 30 days from the date of first notification, Initial PCN or Final PCN, for this change. Samples delivery timing will be subject to request date, sample quantity and special customer packing/label requirements. |
| Additional Reliability Data: | Contact your local onsemi Sales Office or Tara.McDonald@onsemi.com |
| Type of Notification: | This is a Final Product/Process Change Notification (FPCN) sent to customers. FPCNs are issued 90 days prior to implementation of the change. onsemi will consider this change accepted, unless an inquiry is made in writing within 30 days of delivery of this notice. To do so, contact PCN.Support@onsemi.com |
| Marking of Parts/ Traceability of Change: | The affected products will be identified with datecode marking |
| Change Category: | Assembly Change |
| Change Sub-Category(s): | Material Change |

Sites Affected:

onsemi Sites

None

External Foundry/Subcon Sites

ASEM, Malaysia

Description and Purpose:

This is an update notice to FPCN24731X, to inform customers that parts listed in this notification will no longer undergo the change in Die Attach as described in the original FPCN24731X.

| | From | To |
|------------|-----------------|---|
| Die Attach | Henkel QMI536NB | Henkel Ablebond 2025DSI & Henkel QMI536NB |

There is no product marking change as a result of this change.

Reliability Data Summary:

QV DEVICE NAME: FDMF3005
PACKAGE: PQFN39 CU 3DIE HPBF

| Test | Specification | Condition | Interval | Results |
|----------|------------------------|-----------------------------------|----------|---------|
| PC | J-STD-020 JESD-A113 | MSL 1 @ 260 °C | | 0/231 |
| TC-PC | JESD22-A104 | Ta= -65°C to +150°C | 500 cyc | 0/231 |
| UHASt-PC | JESD22-A118 | 130°C, 85% RH, 18.8psig, unbiased | 96 hrs | 0/231 |



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List of Affected Parts:

Note: Only the standard (off the shelf) part numbers are listed in the parts list. Any custom parts affected by this PCN are shown in the customer specific PCN addendum in the PCN email notification, or on the [**PCN Customized Portal**](#).

| Part Number | Qualification Vehicle |
|-----------------|-----------------------|
| NCP253171MNTXG | FDMF3005 |
| NCP303151MNTWG | FDMF3005 |
| NCP303151AMNTWG | FDMF3005 |
| NCP302155AMNTWG | FDMF3005 |
| NCP302155HMNTWG | FDMF3005 |
| SCP302155MNTWG | FDMF3005 |
| FDMF3037 | FDMF3005 |
| SCP302045MNTWG | FDMF3005 |
| FDMF3035 | FDMF3005 |
| NCP302150MNTWG | FDMF3005 |
| NCP302045DMNTWG | FDMF3005 |
| NCP302045HMNTWG | FDMF3005 |
| NCP302045MNTWG | FDMF3005 |

Appendix A: Changed Products**PCN#: FPCN24731X1**
Issue Date: Sep 15, 2022

DIKG: DIGI-KEY

| Product | Customer Part Number | Qualification Vehicle | New Part Number | Replacement Supplier |
|----------------|----------------------|-----------------------|-----------------|----------------------|
| NCP303151MNTWG | | FDMF3005 | | |
| FDMF3035 | | FDMF3005 | | |
| NCP302150MNTWG | | FDMF3005 | | |
| NCP302045MNTWG | | FDMF3005 | | |
| SCP302045MNTWG | | FDMF3005 | | |