

Product Change Notice (PCN)

Subject: Add Alternate Assembly Location for VFQFPN-80 Package

Publication Date: 6/22/2021

Effective Date: To be advised when qual completion

Revision Description:

Initial Release

Description of Change:

This notification is to advise our customers that Renesas is qualifying ASECL, Taiwan as an alternate assembly location for VFQFPN-80 package in addition to the current assembly location at UTL, Thailand. Presently, ASECL Taiwan is the qualified assembly location for Renesas. The material sets of the current and the alternate assembly locations are as shown in the below table. There will be changes in the material sets at the alternate location.

No change in moisture sensitive level as a result of this change.

A revision to this PCN will be made upon qualification completion with qualification results.

| Material Sets | Existing Assembly UTL Thailand | Alternate Assembly ASECL Taiwan |
|---------------------------------------|-----------------------------------|------------------------------------|
| Die Attach | Ablebond 8600 | Hitachi EN4900G |
| Bonding Wire | Copper wire | Copper wire |
| Mold Compound | Sumitomo EME-G700LTD | Sumitomo EME-G700LA |
| Package bottom insulation material | Panasonic CV8715BT | Taiyo IJSR-4000 |

Affected Product List: 9QXL2001BNHGI, 9QXL2001BNHGI8, 9Q31103BNHGI, 9Q31103BNHGI8, 9Q31201BNHGI, 9Q31201BNHGI8.

Reason for Change:

The change is for increased manufacturing capability and business continuity.

Impact on Fit, Form, Function, Quality & Reliability:

The change is expect will have no impact on the form, fit, function, quality, reliability and environmental compliance of the products.

Product Identification:

Assembly lot# with prefix "U" denote UTL Thailand, prefix "RC" denote ASECL, Taiwan.

Qualification Status: In progress. The qualification is expect to complete by September 2021.

Sample Availability Date: 7/6/2021

Device Material Declaration: Available upon request

Note:

1. Acknowledgement must be received by Renesas within 30 days or Renesas will consider the change as approved.
2. If timely acknowledgement is provided by Customer, then Customer shall have 90 days from the date of receipt of this PCN to make any objections to this PCN. If Customer fails to make objections to this PCN within 90 days of the receipt of the PCN then Renesas will consider the PCN changes as approved.
3. If customer cannot accept the PCN then customer must provide Renesas with a last time buy demand and purchase order.

For additional information regarding this notice, please contact idt-pcn@lm.renesas.com