

## Product Change Notice (PCN)

**Subject:** Alternate test facility of the Listed Renesas QFN AND TQFN packaged products

**Publication Date:** 05/13/2021

**Effective Date:** 8/11/2022

### Revision Description:

Initial Release

### Description of Changes:

Alternate test facility of the Listed Renesas QFN and TQFN packaged products

- *Renesas Electronics (Penang) Sdn, Bhd. Malaysia (REPG)*

### Reason for Change:

This notice is to inform you that Renesas will begin using Renesas Electronics (Penang) Sdn. Bhd., Malaysia (REPG) facility as an alternate test facility of the Listed Renesas QFN (Quad Flat No Lead) and TQFN (Thin Quad Flat No Lead) Package.

REPG is one of the Renesas's internal factory for high volume manufacturing testing. REPG is ISO9001:2015 and IATF16949:2016 certified. This action will expand current capabilities and capacities to optimize Renesas's ability to meet customer's delivery requirements.

### Impact on fit, form, function, quality & reliability:

The change will have no impact on the form, fit, function, quality, reliability and environmental compliance of the devices Renesas supplied test software and product specific hardware were used at REPG.

- The test equipment validation involved the testing of control units and a correlation lot of RAA2260544GNP\* at current and new test site (REPG) respectively.
  - Control units were tested at the current test site and retested at REPG. Their performance were recorded and the results were analyzed to validate the setup.
  - Continuous monitoring and comparison of the data from lots processed at both sites were completed by the responsible product engineer.
- The visual / mechanical inspection, tape & reel operations are compliance to JEDEC industry standards.

### Product Identification:

Product affected by this change is identifiable via Renesas's internal traceability system.

**Qualification status:** Completed, see attached

**Sample availability:** 6/15/2022

**Device material declaration:** Available upon request

Note : Sample is available June 15, 2022 onwards, and subject to availability. Customer may expect 1 – 2 months for sample replenishment.

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.

Questions or requests pertaining to this change notice, including additional data or samples, must be sent to Renesas within 30 days of the publication date.

For additional information regarding this notice, please contact your regional change coordinator (below)			
Americas: <a href="mailto:PCN-US@RENESAS.COM">PCN-US@RENESAS.COM</a>	Europe: <a href="mailto:PCN-EU@RENESAS.COM">PCN-EU@RENESAS.COM</a>	Japan: <a href="mailto:PCN-JP@RENESAS.COM">PCN-JP@RENESAS.COM</a>	Asia Pac: <a href="mailto:PCN-APAC@RENESAS.COM">PCN-APAC@RENESAS.COM</a>

Appendix A : Affected Product List

**Affected Device List**

ISL68223IRAZ-T	ISL69227IRAZ-T7A	ISL69242IRCZ-TR5834	ISL69247IRAZ-TR5820	RAA2260544S02GNP#HA0
ISL68223IRAZ-T7A	ISL69227IRAZ-TR5913	ISL69243IRAZ-T	ISL69247IRAZ-TR5957	RAA228000GNP#HA0
ISL68223IRAZ-TR5997	ISL69227IRAZ-TS2568	ISL69243IRAZ-T7A	ISL69247IRAZ-TR5997	RAA228000GNP#MA0
ISL68223IRCZ-TR5834	ISL69228IRAZ-T	ISL69243IRAZ-TR5957	ISL69247IRBZ-TR5819	RAA228000R04GNP#HA0
ISL68233IRAZ-T	ISL69228IRAZ-T7A	ISL69243IRBZ-TR5819	ISL69247IRCZ-TR5828	RAA228000R1TGNP#HA0
ISL69225IRAZ-TR5957	ISL69228IRAZ-TR5911	ISL69243IRBZ-TR5954	ISL69247IRCZ-TR5834	RAA228004GNP#HA0
ISL69225IRBZ-TR5819	ISL69242IRAZ-T	ISL69243IRCZ-TR5868	ISL69247IRCZ-TR5868	RAA228004GNP#MA0
ISL69225IRBZ-TR5954	ISL69242IRAZ-T7A	ISL69243IRCZ-TR5870	ISL69247IRCZ-TR5870	RAA228004R0JGNP#HA0
ISL69225IREZ-TR5868	ISL69242IRAZ-TR5820	ISL69247IRAZ-T	ISL69247IRCZ-TR5954	RAA228004R0NGNP#HA0
ISL69227IRAZ-T	ISL69242IRAZ-TR5997	ISL69247IRAZ-T7A	RAA2260544GNP#HA0	