

## Product Change Notice (PCN)

**Subject:** Alternate test facility of the listed Renesas QFN and TQFN packaged products

**Publication Date:** 12/03/2021

**Effective Date:** 3/3/2022

**Revision Description:**

Initial Release

**Description of Changes:**

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

- *Advanced Semiconductor Engineering, Chung Li, Taiwan ROC (ASECL)*

**Affected Device List**

ISL68124IRAZ	ISL68127IRAZ-TR5857	ISL68137IRAZ-TR5741
ISL68124IRAZ-T	ISL68127IRAZ-TR5888	ISL68137IRAZ-TR5975
ISL68124IRAZ-T7A	ISL68127IRAZ-TR5951	ISL68137IRAZ-TR6007
ISL68124IRAZ-TR5776	ISL68127IRAZ-TR6510	ISL68137IRBZ-TR5781
ISL68124IRAZ-TR5833	ISL68127IRAZT7AR5823	ISL68137IRBZT7AR5781
ISL68124IRAZ-TR5857	ISL68134IRAZ	ISL69124IRBZT7AR5693
ISL68124IRAZ-TR5952	ISL68134IRAZ-T	ISL69124IRDZ-TR5687
ISL68124IRAZ-TR5982	ISL68134IRAZ-T7A	ISL69125IRDZ-TR5687
ISL68127IRAZ	ISL68134IRAZ-TR5883	ISL69129IRDZ-TR5687
ISL68127IRAZ-T	ISL68134IRBZ-TR5845	ISL69138IRAZ
ISL68127IRAZ-T7A	ISL68134IRBZ-TR5961	ISL69138IRAZ-T
ISL68127IRAZ-TR5776	ISL68137IRAZ	ISL69138IRAZ-T7A
ISL68127IRAZ-TR5778	ISL68137IRAZ-T	ISL69138IRAZ-TR5693
ISL68127IRAZ-TR5823	ISL68137IRAZ-T7A	ISL69138IRAZT7AR5693

**Reason for Change:**

This notice is to inform you that Renesas will begin using ASECL facility as an alternate test facility of the Listed Renesas QFN (Quad Flat No Lead) and TQFN (Thin Quad Flat No Lead) Package.

ASECL is ISO9001:2015 and IATF16949:2016 certified. ASECL is existing supplier for high volume testing of QFN and TQFN packages. 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 ASECL.

- The test equipment validation involved the testing of control units and a correlation lot of ISL68127\* and ISL69125\* at current and new test site (ASECL) respectively.
  - Control units were tested at the current test site and retested at ASECL. 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:** 2/1/2022

**Device material declaration:** Available upon request

Note : Sample is available 02/01/2022 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@RENEASAS.COM">PCN-US@RENEASAS.COM</a>	Europe: <a href="mailto:PCN-EU@RENEASAS.COM">PCN-EU@RENEASAS.COM</a>	Japan: <a href="mailto:PCN-JP@RENEASAS.COM">PCN-JP@RENEASAS.COM</a>	Asia Pac: <a href="mailto:PCN-APAC@RENEASAS.COM">PCN-APAC@RENEASAS.COM</a>