

## Product Change Notice (PCN)

**Subject:** Alternate probe facility of the listed Renesas WLCSP packaged products

**Publication Date:** 1/22/2020

**Effective Date:** 4/21/2020

**Revision Description:**

Initial Release

**Description of Change:**

Alternate probe facility of the Listed Renesas WLCSP packaged products

- UNISEM (M) Berhad, Malaysia (UNM)

**Affected Product List**

ISL91107IIAZ-TR5654	ISL97698IIZ-T
ISL98607EIAZ-T	ISL97698IIZ-TS2568

**Reason for Change:**

This notice is to inform you that Renesas will begin using Unisem Malaysia (UNM) facility as alternate probe facility of the Listed Renesas WLCSP (Wafer Level Chip Scale Package).

UNM is an existing probe supplier for Renesas. This action will expand current capabilities and capacities to optimize Renesas’s ability to meet customer’s delivery requirements. The UNM facility is ISO9001:2015 and IATF 16949:2016 certified. UNM is qualified as primary supplier to Renesas for high volume probe of WLCSP products

**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 UNM.
- The test equipment validation involved the testing of control units and a correlation lot of ISL91107IIAZ-TR5654 at current and new test site (UNM) respectively.
  - Control units were tested at the current test site and retested at UNM. 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:** Complete, see attached

**Sample availability:** 2/28/2020

**Device material declaration:** Available upon request

*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.*

<b>For additional information regarding this notice, please contact your regional change coordinator (below)</b>			
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>