

## Product Change Notice (PCN)

**Subject:** Addition of assembly facility and Datasheet Revision for listed Renesas QFN and TQFN packaged devices

**Publication Date:** 10/29/2025

**Effective Date:** 1/27/2026

**Revision Description:**

Initial Release

**Description of Change:**

1. Alternate assembly facility for the listed Renesas QFN and TQFN packaged products
  - *Greatek Electronics Inc., Taiwan R.O.C (Greatek)*

Renesas Part #
Products as listed in <b>Appendix A</b>

2. Updated Thermal Specifications in the datasheets.

Renesas Part #
Products as listed in <b>Appendix B</b>

**List of changes :**

This notice is to inform you that Renesas Electronics America, Inc will begin to use Greatek as alternate assembly facility for the listed QFN and TQFN packaged products. In addition, the associated thermal specifications have been updated in the respective datasheets.

**Reason for Change:**

Adding assembly site will expand current capabilities and capacities to optimize Renesas’s ability to meet customer’s delivery requirements. Greatek is ISO9001:2015 and IATF 16949:2016 certified. Greatek is existing assembly supplier for high volume assembly of QFN and TQFN packaged products.

The correction to the datasheet aligns the documentation with the product characteristics. The product datasheets are available at Renesas’s website. Alternatively, please contact your local sales representative for more information about the change.

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

The assembly qualification plan is designed using JEDEC and other applicable industry standards to confirm there is no impact to form, function or interchangeability of the product. The remainder of the manufacturing operations (wafer fabrication, package level electrical test, etc) will continue to be processed to previously established manufacturing flow.

**Product Identification:**

Product affected by this change is identifiable via Renesas’s internal traceability system. In addition, product assembled at Greatek may also be identified by the assembly site code (country of assembly) when marked on the devices. The site code for product assembled at

#	Assembly Site	Site Code	Remarks
1	Greatek	K	For Copper Wire products

**Qualification status:** Completed  
**Sample availability:** 12/1/2025  
**Device material declaration:** Available upon request

Sample is available December 01, 2025 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.

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 – add Greatek as alternate assembly site**

**Affected Product List**

ISL9241HRTZ	ISL95522AHRZ	RAA489000AS07GNP#HA0	RAA489118ARGNP#AA0	RAA4893013S08GNP#HA0
ISL9241HRTZ-T	ISL95522AHRZ-T	RAA489000AS08GNP#HA0	RAA489118ARGNP#HA0	RAA4893013S0JGNP#HA0
ISL9241HRTZ-T7A	ISL95522AHRZ-TS2701	RAA489110A3GNP#AA0	RAA489118ARGNP#MA0	RAA489301A3GNP#AA0
ISL9241HRTZ-TK	ISL95522AHRZ-TS2778	RAA489110A3GNP#HA0	RAA489118AS0PGNP#HA0	RAA489301A3GNP#HA0
ISL9241HRTZ-TS2701	ISL95522AHRZ-TS2805	RAA489110ARGNP#AA0	RAA489300A3GNP#AA0	RAA489301ARGNP#AA0
ISL9241HRTZ-TS2778	ISL95522AHRZ-TS2808	RAA489110ARGNP#HA0	RAA489300A3GNP#HA0	RAA489301ARGNP#HA0
ISL9241HRTZ-TS2780	RAA489000A3GNP#AA0	RAA489110AS07GNP#HA0	RAA489300ARGNP#AA0	RAA489301AS07GNP#HA0
ISL9241HRTZ-TS2804	RAA489000A3GNP#HA0	RAA489110AS0HGNP#HA0	RAA489300ARGNP#HA0	RAA489301AS08GNP#HA0
ISL9241IRTZ	RAA489000ARGNP#AA0	RAA489118A3GNP#AA0	RAA489300AS07GNP#HA0	RAA489301AS0HGNP#HA0
ISL9241IRTZ-T	RAA489000ARGNP#HA0	RAA489118A3GNP#HA0	RAA489300AS08GNP#HA0	RAA489301AS0NGNP#HA0
ISL9241IRTZ-TK	RAA489000AS03GNP#HA0	RAA489118A3GNP#MA0	RAA489300AS0HGNP#HA0	< Blank >

**Appendix B : Affected Product List – updated Thermal Resistance in the datasheets.**

**Affected Product List**

ISL9241HRTZ	RAA489110A3GNP#AA0	RAA489118ARGNP#MA0	RAA489301A3GNP#AA0
ISL9241HRTZ-T	RAA489110A3GNP#HA0	RAA489118AS0PGNP#HA0	RAA489301A3GNP#HA0
ISL9241HRTZ-T7A	RAA489110ARGNP#AA0	RAA489300A3GNP#AA0	RAA489301ARGNP#AA0
ISL9241HRTZ-TK	RAA489110ARGNP#HA0	RAA489300A3GNP#HA0	RAA489301ARGNP#HA0
ISL9241HRTZ-TS2701	RAA489110AS07GNP#HA0	RAA489300ARGNP#AA0	RAA489301AS07GNP#HA0
ISL9241HRTZ-TS2778	RAA489110AS0HGNP#HA0	RAA489300ARGNP#HA0	RAA489301AS08GNP#HA0
ISL9241HRTZ-TS2780	RAA489118A3GNP#AA0	RAA489300AS07GNP#HA0	RAA489301AS0HGNP#HA0
ISL9241HRTZ-TS2804	RAA489118A3GNP#HA0	RAA489300AS08GNP#HA0	RAA489301AS0NGNP#HA0
ISL9241IRTZ	RAA489118A3GNP#MA0	RAA489300AS0HGNP#HA0	< Blank >
ISL9241IRTZ-T	RAA489118ARGNP#AA0	RAA4893013S08GNP#HA0	< Blank >
ISL9241IRTZ-TK	RAA489118ARGNP#HA0	RAA4893013S0JGNP#HA0	< Blank >

Appendix B : Reliability Test Result

Test Description	Condition	ISL95522AHRZ 32 Leads, 4mm x 4mm QFN Package	RAA489000ARGNP#HA0 40 Leads, 5mm x 5mm QFN Package
High Temperature Operating Life (HTOL) +125°C	1000 hrs	N=80 Acc = 0	N=80 Acc = 0
Biased High Accelerated Stress Test (bHAST) +130°C ; 85% RH	96 hours	N=240 Acc = 0 L3 Pb-Free	N=240 Acc = 0 L3 Pb-Free
Moisture Sensitivity Level	Level 3	N=742 Acc = 0 L3 Pb-Free	N=742 Acc = 0 L3 Pb-Free
Unbiased Highly Accelerated Stress Test (uHAST) +130°C ; 85% RH	96 hours	N=240 Acc = 0 L3 Pb-Free	N=240 Acc = 0 L3 Pb-Free
Temperature Cycle (TCT) -40°C / +125°C	1000 cycles	N=240 Acc = 0 L3 Pb-Free	N=240 Acc = 0 L2 Pb-Free
Hot Temperature Storage (HTS) +150°C	2000 hours	N=240 Acc = 0	N=240 Acc = 0