

## Product Advisory (PA)

**Subject:** Datasheet specification change for listed Renesas ISL3150E, ISL3152E, ISL3153E, ISL3155E, ISL3156E, ISL3158E\* Products

**Publication Date:** 5/11/2021

**Effective Date:** 5/11/2021

**Revision Description:**

Initial Release

**Description of Change:**

This notice is to inform you that Renesas Electronics America Inc has updated ISL3150E, ISL3152E, ISL3153E, ISL3155E, ISL3156E, ISL3158E\* Products datasheet.

The updates include changes to the following :

- M8.118 and M10.118 POD : Corrected typo in the side view 1 updating packaging thickness tolerance from  $\pm 010\text{mm}$  (wrong, decimal point was inadvertently left out) to  $\pm 0.10\text{mm}$  (Correct)

**Note :**

- A. M8.118 is in reference to 8L MSOP (8 LEAD MINI SMALL OUTLINE PLASTIC PACKAGE)
- B. M10.118 is in reference to 10L MSOP (10 LEAD MINI SMALL OUTLINE PLASTIC PACKAGE)
- C. POD is in reference to Package Outlined Drawing.

**Reason for Change:**

The correction to the package outline aligns the documentation with the product characteristics. The product datasheet is available at Renesas's website at : -

<https://www.renesas.com/sg/en/document/dst/isl3150e-isl3152e-isl3153e-isl3155e-isl3156e-isl3158e-datasheet?r=531696>

There is no change to the other POD dimension.

**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.

**Product Identification:**

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

**Qualification status:** Not Applicable

**Sample availability:** 5/12/2021

**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.

Questions or requests pertaining to this change notice, including additional data or samples, must be sent to Intersil 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**

Part Number	Part Marking	Temp. Range (°C)	Tape and Reel(Units)	Package (RoHS Compliant)	Pkg. Dwg. #
ISL3150EIUZ	3150Z	-40 to +85	-	10 Ld MSOP	M10.118
ISL3150EIUZ-T	3150Z	-40 to +85	2.5k	10 Ld MSOP	M10.118
ISL3150EIUZ-T7A	3150Z	-40 to +85	250	10 Ld MSOP	M10.118
ISL3152EIUZ	3152Z	-40 to +85	-	8 Ld MSOP	M8.118
ISL3152EIUZ-T	3152Z	-40 to +85	2.5k	8 Ld MSOP	M8.118
ISL3152EIUZ-T7A	3152Z	-40 to +85	250	8 Ld MSOP	M8.118
ISL3153EIUZ	3153Z	-40 to +85	-	10 Ld MSOP	M10.118
ISL3153EIUZ-T	3153Z	-40 to +85	2.5k	10 Ld MSOP	M10.118
ISL3153EIUZ-T7A	3153Z	-40 to +85	250	10 Ld MSOP	M10.118
ISL3155EIUZ	3155Z	-40 to +85	-	8 Ld MSOP	M8.118
ISL3155EIUZ-T	3155Z	-40 to +85	2.5k	8 Ld MSOP	M8.118
ISL3156EIUZ	3156Z	-40 to +85	-	10 Ld MSOP	M10.118
ISL3156EIUZ-T	3156Z	-40 to +85	2.5k	10 Ld MSOP	M10.118
ISL3156EIUZ-T7A	3156Z	-40 to +85	250	10 Ld MSOP	M10.118
ISL3158EIUZ	3158Z	-40 to +85	-	8 Ld MSOP	M8.118
ISL3158EIUZ-T	3158Z	-40 to +85	2.5k	8 Ld MSOP	M8.118
ISL3158EIUZ-T7A	3158Z	-40 to +85	250	8 Ld MSOP	M8.118

**Appendix B : Comparison of Package Outlined Drawing.**

Wrong Tolerance (Typo Error without Decimal Point, ±010mm)

Correct Tolerance (with Decimal Point) ±0.10mm

