

Product Change Notice (PCN)

Subject: Datasheet specification change for listed Renesas ISL94216* Products

Publication Date: 3/5/2021

Effective Date: 6/3/2021

Revision Description:

Initial Release

Description of Change:

This notice is to inform you that Renesas Electronics America Inc has updated ISL94216* datasheet. The updates include changes to the following :

- Page 10, added VCPMP to the VBAT1, VBAT2 line.
- Page 11, changed the LDMON max from 55V to VBAT2.
- Page 12, changed "Discharge Short-Circuit Hysteresis" typical value from "40" mV to "20" mV.
- Page 35, row 0A,
 - changed 40.167mV to -20.083mV
 - changed -642.67mV to -321.33mV
 - changed -80.3mV to -40.167mV
- Page 47, Table 17,
 - changed both -40.17mV to -20.083mV
 - changed -80.33mV to -40.167mV
 - Second sentence after table, change from "-80.33mV to -642mV" to "-40.167mV to -321.33mV (Typ)"
- Page 48, updated 0x0C DSC Delay section by adding paragraphs below Table 19.
- Page 56, second to last paragraph, last sentence, change "0x1B" to "0x3E"
- Page 90, first paragraph:
 - Replaced "limited to" with "approximately"
 - Deleted "(0x0A DSC Threshold)"
 - Replace "short-circuit and about -350mV ("0x0B DOC Threshold") for a discharge overcurrent" with "current".
 - Deleted "(0x0F COC Threshold)" for a charge overcurrent"
 - Added the following sentence to the end of the paragraph "See "0x0A DSC Threshold", "0x0B DOC Threshold", and "0x0F COC Threshold" for current threshold settings."
- Page 97 and 98 corrected typo changed cap value from 0.1uF to 1.0uF.

Affected Product List

ISL94216IRZ
ISL94216IRZ-T
ISL94216IRZ-T7

Reason for Change:

The change aligns the datasheet with the product characteristics and is necessary to maintain product manufacturability in support of customer delivery requirements. The product datasheet is available at Renesas’s website at : -

<https://www.renesas.com/sg/en/document/dst/isl94216-datasheet>

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: 4/1/2021

Device material declaration: Available upon request

Sample is available April 01, 2021 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 Intersil within 30 days of the publication date.

For additional information regarding this notice, please contact your regional change coordinator (below)			
Americas: PCN-US@RENEASAS.COM	Europe: PCN-EU@RENEASAS.COM	Japan: PCN-JP@RENEASAS.COM	Asia Pac: PCN-APAC@RENEASAS.COM