

## Product Change Notice (PCN)

**Subject:** Firmware update for the Renesas ISL68300\* and ISL68301\* Products

**Publication Date:** 12/18/2018

**Effective Date:** 3/18/2019

**Revision Description:**

Initial Release

**Description of Change:**

This notice is to inform you that the firmware for the listed ISL68300\* and ISL68301\* products has been updated.

**Affected Products List:**

ISL68300IRAZ	ISL68301IRAZ	ISL68301IRAZ-TR5823	ISL68301IRAZT7AR5823
ISL68300IRAZ-T	ISL68301IRAZ-T	ISL68301IRAZ-TR5824	ISL68301IRAZT7AR5824
ISL68300IRAZ-T7A	ISL68301IRAZ-T7A	ISL68301IRAZ-TR5825	ISL68301IRAZT7AR5825
ISL68300IRAZ-TK	ISL68301IRAZ-TK	ISL68301IRAZ-TR5826	ISL68301IRAZT7AR5826

**Reason for Change:**

This notice is to inform you of a change in internal firmware to improve the following:

- General improvement for DDC messaging in multiphase configuration
- Elimination of occasional startup fault by re-checking fault sources
- OC fault response improvement by correcting limit calculation for all ranges

The firmware change is internal and does not affect the user’s configuration and settings. It is a transparent upgrade to improve single rail operation.

**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 an internal traceability system.

**Qualification status:** no design change, verification completed.

**Sample availability:** 1/15/2019

**Device material declaration:** Available upon request

*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>