

## 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> |