

## Product Advisory (PA)

**Subject:** Correction to the Renesas Product ISL71840\* Datasheet and DLA SMD

**Publication Date:** 11/11/2022

**Effective Date:** 11/11/2022

### Revision Description:

Initial Release

### Description of Change:

This notice is to inform you of datasheet and DLA SMD corrections to the Electrical Specifications for the ISL71840\* as below;

1. Update the Metallization Mask Layout diagram, correct label for pad number 18, from A4 to VREF. (Applies to both Datasheet and SMD)
2. Update "Table 3. ISL71840SEH Die Layout X-Y Coordinates". (Applies to Datasheet ONLY)
  - a. Row 2, Column 2: change from "V+" to "V-".
  - b. Row 4, Column 2: change from "V-" to "V+".

Corrections are reflected in Appendix A of the notice. The SMD is also revised as below;

- SMD 5962-15219
  - Rev B = OLD revision
  - Rev C = NEW revision

### Products Impacted by the change;

| Renesas Part Number | Ordering Number |
|---------------------|-----------------|
| ISL71840SEHVF       | 5962R1521901VXC |
| ISL71840SEHVX       | 5962R1521901V9A |
| ISL71840SEHF/PROTO  | N/A             |
| ISL71840SEHX/SAMPLE | N/A             |
| ISL71840SEHEV1Z     | N/A             |

### Reason for Change:

Change corrects the datasheet and DLA SMD to reflect the actual product die layout designations. Details regarding the change are contained within Appendix A, for an updated datasheet please contact your local sales or marketing representative.

### 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:

There have been no changes to the product, this is a documentation correction only. There will be no change in the external marking of the packaged products.

**Qualification status:** Not Applicable, correction only

**Sample availability:** 11/11/2022

Device material declaration: Available upon request

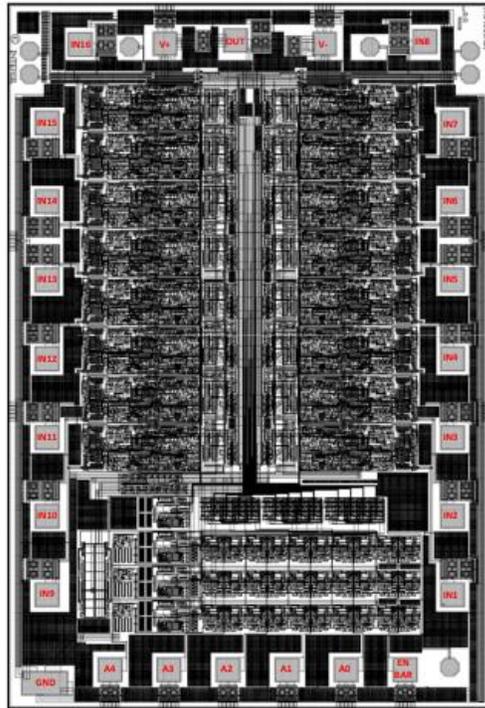
Questions or requests pertaining to this change notice, including additional data or samples, must be sent to Intersil within 30 days of the publication date.

| 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> |

Appendix A:

Change to ISL71840\* Datasheet  
FROM:

**Metalization Mask Layout**



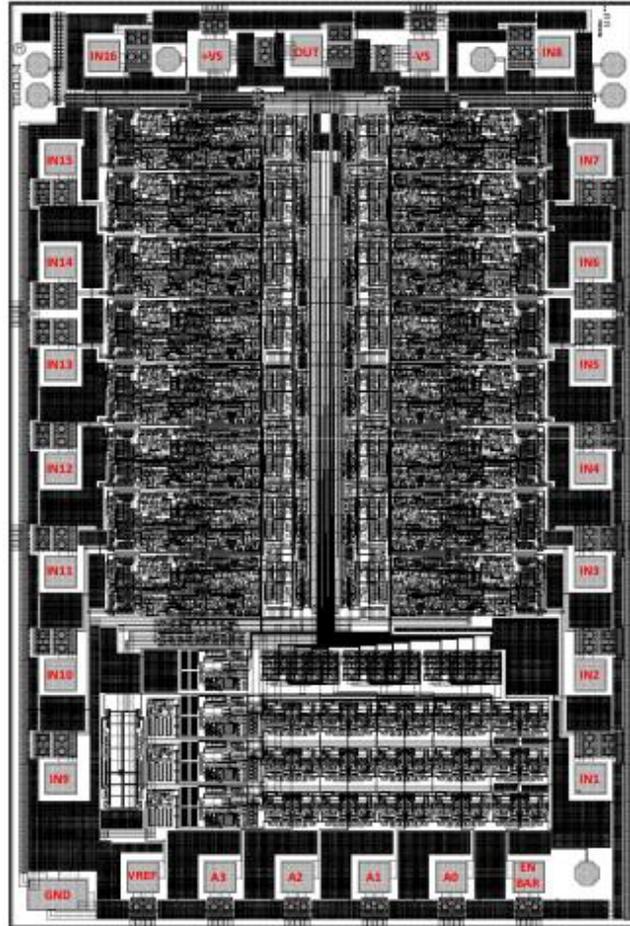
ISL71840SEH

TABLE 3. ISL71840SEH DIE LAYOUT X-Y COORDINATES

| PAD NUMBER | PAD NAME | PACKAGING PIN | ΔX (μm) | ΔY (μm) | X (μm) | Y (μm) |
|------------|----------|---------------|---------|---------|--------|--------|
| 1          | IN8      | P26           | 127     | 127     | 979.5  | 1768.5 |
| 3          | V+       | P27           | 125     | 125     | 417.5  | 1754.5 |
| 4          | OUT      | P28           | 125     | 125     | -79.5  | 1774.5 |
| 5          | V-       | P1            | 125     | 125     | -474.5 | 1756.5 |
| 7          | IN16     | P4            | 127     | 127     | -947.5 | 1752.5 |

TO:

**Metalization Mask Layout**



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**TABLE 3. ISL71840SEH DIE LAYOUT X-Y COORDINATES**

| PAD NUMBER | PAD NAME | PACKAGING PIN | $\Delta X$<br>( $\mu m$ ) | $\Delta Y$<br>( $\mu m$ ) | X<br>( $\mu m$ ) | Y<br>( $\mu m$ ) |
|------------|----------|---------------|---------------------------|---------------------------|------------------|------------------|
| 1          | IN8      | P26           | 127                       | 127                       | 979.5            | 1768.5           |
| 3          | V-       | P27           | 125                       | 125                       | 417.5            | 1754.5           |
| 4          | OUT      | P28           | 125                       | 125                       | -79.5            | 1774.5           |
| 5          | V+       | P1            | 125                       | 125                       | -474.5           | 1756.5           |
| -          | ----     | --            | ---                       | ---                       | ----             | -----            |