September 30, 2013

Subject: PCN#07A-13 Notification of Changes to the iCE40 LP/HX Family Data Sheet

Dear Lattice Customer,

Lattice is providing this notification of changes to the iCE40™ LP/HX Family Data Sheet.

Change Description
The updated iCE40 LP/HX Family Data Sheet (DS1040 Version 02.6, released in September 2013) documents two corrections; (1) The pin B6 naming from VCCIO_1 to VPP_FAST for the ICE40LP1K 49-ucBGA package device and (2) The pin F9 naming as a GND where there were two F4 pins for the ICE40LP8K 81-ucBGA package device. There will be no changes to the Lattice Diamond™ SW as it already has the correct pin names for these pins.

Affected Products
The Ordering Part Numbers (OPNs) affected by this PCN are listed below. This PCN also affects any custom devices (i.e. factory programmed, special test, etc.), which are derived from any of the devices listed below.

<table>
<thead>
<tr>
<th>Product Line</th>
<th>Ordering Part Number</th>
<th>Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>ICE40LP1K</td>
<td>ICE40LP1K-CM49 (Tray Shipment)</td>
<td>Pin &quot;B9&quot; Correction</td>
</tr>
<tr>
<td></td>
<td>ICE40LP1K-CM49TR (Tape &amp; Reel Shipment)</td>
<td></td>
</tr>
<tr>
<td>ICE40LP8K</td>
<td>ICE40LP8K-CM81</td>
<td>Pin &quot;F9&quot; Correction</td>
</tr>
</tbody>
</table>

Datasheet Specifications
The revised iCE40 LP/HX Family Data Sheet (DS1040 Version 02.6, released in September 2013) and device pinout files reflect these changes described above and available on the Lattice website.

PCN Timing
This datasheet change is effective immediately and retroactively.
Response
No customer response is required. If customers have questions about the datasheet changes described above, they should contact their local field support for further assistance.

Lattice PCNs are available on the Lattice PCN web page. Please sign up to receive e-mail PCN alerts by registering here. If you already have a Lattice web account and wish to receive PCN alerts, you can do so by logging into your account and making edits to your subscription options.

Contact
If you have any questions or require additional information, please contact pcn@latticesemi.com.

Sincerely,
Lattice Semiconductor PCN Administration