CUSTOMER ADVISORY
ADV1311

PowerSoC Product Shipment Box and Label Format Changes

Change Description

Altera® announces modifications to Tape and Reel shipment box (“Pizza Box”) dimensions and label formats on Enpirion Power System-on-Chip (“PowerSoC”) product shipments, as detailed in Table 1 and Appendix 1 of this advisory. Altera announced the acquisition of Enpirion, Inc., in May 2013 as documented in the below press release.


This advisory marks the integration of Enpirion’s shipment and logistics processes with Altera’s systems.

Recommended Action

No action is required as a result of this change. This change does not impact the form, fit or function of Enpirion or Altera devices. Minimum Order Quantity (MOQ) and stacking configurations will remain unchanged.

Reason for Change

Altera is implementing these changes in an effort to standardize packing and logistics procedures with that of other products in the Altera portfolio.

Table 1. Dimensions of New Pizza Boxes

<table>
<thead>
<tr>
<th>Type</th>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type 1—7” Reel</td>
<td>Length (X), in mm</td>
<td>55</td>
</tr>
<tr>
<td>Type 1—7” Reel</td>
<td>Width (Y), in mm</td>
<td>211</td>
</tr>
<tr>
<td>Type 1—7” Reel</td>
<td>Height (Z), in mm</td>
<td>196</td>
</tr>
<tr>
<td>Type 2—13” Reel</td>
<td>Length (X), in mm</td>
<td>54</td>
</tr>
<tr>
<td>Type 2—13” Reel</td>
<td>Width (Y), in mm</td>
<td>350</td>
</tr>
<tr>
<td>Type 2—13” Reel</td>
<td>Height (Z), in mm</td>
<td>369</td>
</tr>
</tbody>
</table>
Products Affected and Transition Dates

This change is applicable to all PowerSoC products that were added to the Altera portfolio following the acquisition of Enpirion, Inc. Production implementation across world-wide locations will begin on October 7th, 2013.

Please note that current shipment boxes will continue to be utilized until inventory is depleted; therefore customers and distributors should expect to receive either current or new versions for a period of time following the implementation.

Contact

For more information, please contact Altera Technical Support by submitting a Service Request at Altera’s mySupport website.

Customer Notifications Subscription

Customers that have subscribed to Altera’s customer notification mailing list will receive updates automatically via email.

If you would like to receive customer notifications by e-mail, please subscribe to our customer notification mailing list at https://www.altera.com/subscriptions/email/signup/eml-index.jsp

Revision History

<table>
<thead>
<tr>
<th>Date</th>
<th>Rev</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>09/26/2013</td>
<td>1.0.0</td>
<td>Initial Release</td>
</tr>
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Appendix 1: Format and Placement of New Labels

Reel
Appendix 1: Format and Placement of New Labels (Continued)

Moisture Barrier Bag

![Moisture Barrier Bag Image]

CAUTION

This bag contains MOISTURE SENSITIVE DEVICES

1. Shall be in sealed bag: 12 months minimum at < 40 °C and < 90% relative humidity (RH)
2. After bag is opened, devices that will be subjected to convection reflow, or equivalent processing (peak package body temperature of 260 °C) must be:
   a) Mounted within 168 hours at factory conditions of ≤ 30 °C / 60% RH, or
   b) Stored at < 9% RH
3. Devices require baking before mounting if:
   a) Humidity indicator card show humidity > 10% when measured at 23 °C and 5% RH. or
   b) Condition 2a or 2b is not met.
4. If baking is required, devices may be baked per the procedures specified in IPC/JEDEC J-STD-033.

Bag Seal Date (MM-DD-YY): 09-24-13
Note: LEVEL defined by IPC/JEDEC J-STD-020

2nd Level Interconnect
1. ROHS Compliant – Category x3
2. Maximum safe rework temperature 260 °C
For Rework: Mount within 8 hours at factory conditions of ≤ 30 °C / 60% RH

ALTERA
Origin: THAILAND
PK: BK

Part #: ENS3220I
Lot #: E021C030040A
FA01: H036V743
D/C: 201326
Trace Code: 2H3201326
Box Id: 73U6SM2CAZ

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Appendix 1: Format and Placement of New Labels (Continued)

Pizza Box