



Integrated Device Technology, Inc.
6024 Silver Creek Valley Road, San Jose, CA - 95138

PRODUCT/PROCESS CHANGE NOTICE (PCN)

PCN #: **TB1304-01** DATE: **May 14, 2013**
Product Affected: **Selective part# of PLCC-68**
(Refer to Attachment II for affected part#)
Date Effective: **May 14, 2013**

MEANS OF DISTINGUISHING CHANGED DEVICES:
 Product Mark
 Back Mark
 Date Code
 Other
Lot shipments will have Level 3
Moisture Sensitive Label.

Contact: **IDT PCN DESK**
E-mail: pcndesk@idt.com

Attachment: Yes No
Samples: N/A

DESCRIPTION AND PURPOSE OF CHANGE:

- Die Technology
- Wafer Fabrication Process
- Assembly Process
- Equipment
- Material
- Testing
- Manufacturing Site
- Data Sheet
- Other

This notification is to advise our customers that IDT is converting moisture sensitivity classification to MSL 3.

Attachment I is the list of the affected products.

The affected products will be shipped with dry pack and labeled as MSL 3 according to JEDEC J-STD-020. There is no change to the assembly material sets and the peak reflow temperature. Refer to Attachment I for the examples of moisture sensitive labels.

RELIABILITY/QUALIFICATION SUMMARY:

Moisture sensitive classification qual report is available on request.

CUSTOMER ACKNOWLEDGMENT OF RECEIPT:

IDT records indicate that you require written notification of this change. Please use the acknowledgement below or E-Mail to grant approval or request additional information. If IDT does not receive acknowledgement within 30 days of this notice it will be assumed that this change is acceptable.
IDT reserves the right to ship either version manufactured after the process change effective date until the inventory on the earlier version has been depleted.

Customer: _____

Approval for shipments prior to effective date.

Name/Date: _____

E-Mail Address: _____

Title: _____

Phone# /Fax# : _____

CUSTOMER COMMENTS: _____

IDT ACKNOWLEDGMENT OF RECEIPT:

RECD. BY: _____

DATE: _____



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ATTACHMENT I - PCN #: TB1304-01

PCN Type: Change in Moisture Sensitivity Level

Data Sheet Change: There is change in Moisture Sensitive Level (MSL) from 1 to 3.

Detail of Change: This notification is to advise our customers that IDT is converting moisture sensitivity classification to MSL 3.

The affected products will be shipped with dry pack and labeled as MSL 3 according to JEDEC J-STD-020. There is no change to the assembly material sets and the peak reflow temperature. Refer to examples of moisture sensitive labels as shown below.

From: MSL 1 Non-Moisture Sensitive Label

To: MSL 3 Moisture Sensitive Label

NOT MOISTURE SENSITIVE

LEVEL
1

These Devices do not require special storage conditions provided:

1. They are maintained at conditions equal to or less than 30°C/85 % RH, and
2. They are solder reflowed at a peak body temperature which does not exceed 225°C

Note: Level and body temperature defined by IPC/JEDEC J-STD-020.

CAUTION
This Bag Contains
MOISTURE-SENSITIVE DEVICES

LEVEL
3

1. Calculated shelf life in sealed bag:
12 months at < 40°C and < 90% relative humidity (RH)
2. Peak package body temperature: 225°C
3. After bag is opened, devices that will be subjected to reflow solder or other high temperature process must
 - a) Mounted within 168 hours of factory conditions <= 30°C/60% RH, or
 - b) Stored per J-STD-033
4. Devices required bake, before mounting if:
 - a) Humidity indicator card reads >10% for level 2a-5a devices or >60% for level 2 devices when read at 23 +/-5 deg C
 - b) 3a or 3b are not met
5. If baking is required, refer to IPC/JEDEC J-STD-033 for bake procedure
Bag Seal Date: _____

Note: Level and body temperature defined by IPC/JEDEC J-STD-020

Note: There is no change to the peak reflow temperature of the affected products.



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PRODUCT/PROCESS CHANGE NOTICE (PCN)

ATTACHMENT II - PCN #: TB1304-01

Affected Part Numbers

Part Number	Part Number	Part Number	Part Number
7015L15J	7133LA55J	7133SA55JI	72205LB25J8
7015L15J8	7133LA55J8	7133SA55JI8	72215LB15J
7015L35J	7133LA55JI	7133SA70J	72215LB15J8
7015L35J8	7133LA55JI8	7133SA70J8	72215LB25J
7015S35J	7133LA70J	7133SA90J	72215LB25J8
7015S35J8	7133LA70J8	7133SA90J8	72225LB15J
7016S15J	7133LA90J	7133SA90JI	72225LB15J8
7016S15J8	7133LA90J8	7133SA90JI8	72225LB25J
7016S20J	7133SA20J	7143LA25JI	72225LB25J8
7016S20J8	7133SA20J8	7143LA25JI8	72235LB15J
7016S35JI	7133SA25J	7143LA55J	72235LB15J8
7016S35JI8	7133SA25J8	7143LA55J8	72235LB25J
7133LA20J	7133SA25JI	7143LA90J	72235LB25J8
7133LA20J8	7133SA25JI8	7143LA90J8	72245LB15J
7133LA25J	7133SA35J	7143LA90J8/S2418	72245LB15J8
7133LA25J8	7133SA35J8	7143SA20J	72245LB25JI
7133LA25JI	7133SA35J8/2703	7143SA20J8	72245LB25JI8
7133LA25JI8	7133SA35JI	7143SA25J	72511L50J
7133LA35J	7133SA35JI8	7143SA25J8	72511L50J8
7133LA35J8	7133SA45J	7143SA35J	72521L50J
7133LA35JI	7133SA45J8	7143SA35J8	72521L50J8
7133LA35JI8	7133SA45J8/2703	7143SA55J	72615L25J
7133LA45J	7133SA55J	7143SA55J8	72615L25J8
7133LA45J8	7133SA55J8	72205LB25J	