



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

PRODUCT/PROCESS CHANGE NOTICE (PCN)

PCN #: **TB1703-01** DATE: **Ma{ : , 2017**
 Product Affected: **Selective part# of PLCC-52**
 (Refer to Attachment II for affected part#)
 Date Effective: **August 8, 2017**

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:

- | | |
|--|---|
| <input type="checkbox"/> Die Technology
<input type="checkbox"/> Wafer Fabrication Process
<input type="checkbox"/> Assembly Process
<input type="checkbox"/> Equipment
<input type="checkbox"/> Material
<input type="checkbox"/> Testing
<input type="checkbox"/> Manufacturing Site
<input checked="" type="checkbox"/> Data Sheet
<input type="checkbox"/> Other | <p>This notification is to advise our customers that IDT is converting moisture sensitivity classification to MSL 3.</p> <p>Attachment I is the list of the affected products.</p> <p>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.</p> |
|--|---|

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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PRODUCT/PROCESS CHANGE NOTICE (PCN)

ATTACHMENT I - PCN #: TB1703-01

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


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.



To: MSL 3 Moisture Sensitive Label


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 168hours of factory condition <=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 #: TB1703-01

Affected Part Numbers

Part Number	Part Number	Part Number	Part Number
7134SA70J8	7134LA25JI	71V321L25J	7142LA100J
7140LA25JI	7134LA25JI8	71V321L25J8	7142LA100J8
7140LA25JI8	71342SA55J8	71V321L25JI	7142LA20J
7140LA35J	71342SA25JI	71V321L25JI8	7142LA20J8
7140LA35J8	71342SA25JI8	71V321L35J	7142LA25J
7140LA35JI	71342SA35J	71V321L35J8	7142LA25J8
7140LA55J	71342SA35J8	7142SA35J8	7142LA25JI
7140LA55J8	71342SA35JI	7142SA35J	7142LA25JI8
7140LA55JI	71342SA35JI8	7142SA100J	7142LA35J
7140LA25J8	71342SA45J	7142SA100J8	7142LA35J8
7140LA25J	71342SA45J8	7142SA20J	71421SA55JI
7134SA70JI	71342SA55J	7142SA20J8	71421SA55J8
7134SA70JI8	7134LA35J	7142SA25J	71421SA25J
7140LA100J	7134LA35J8	7142SA25J8	71421SA25J8
7140LA100J8	7134LA35JI	7142SA25JI	71421SA35J
7140LA20J	7134SA25J8	7142SA25JI8	71421SA35J8
7140LA20J8	7134SA25JI	71V321S35J	71421SA35JI
7140SA25JI8	7134SA25JI8	71V321S35J8	71421SA35JI8
7140SA35J	7134SA35J	71V321S55J	71421SA55J
7140SA35J8	7134SA35J8	71V321S55J8	71342SA25J
7140SA35JI	7134SA45J	71V321S25J8	7130LA35JI8
7140SA35JI8	7134SA45J8	71V321L55J	7130SA100J
7140SA55J	7134SA45JI	71V321L55J8	7130SA100J/2839
7140SA55J8	7134SA45JI8	71V321L55JI	7130SA100J8
7140SA25JI	7134SA55J	71V321L55JI8	7130SA100J8/2231
7140SA25J8	7134SA55J8	71V321S25J	7130SA100JI
7140SA100J	7134SA55JI	7142LA55J	7130SA100JI8
7140SA100J8	7134SA25J	7140SA70JI8	7130SA20J
7140SA20J	7134LA35JI8	71421LA35JI	7130LA55J
7140SA20J8	7134LA45J	71421LA35JI8	7130LA55J/2930
7140SA25J	7134LA45J8	71421LA55J	7130LA55J8
7134SA70J	7134LA55J	71421LA55J8	7130LA55J8/2930
71342SA25J8	7134LA55J8	71421LA55JI	7130LA55JI
71342SA55JI	7134LA70J	71421LA55JI8	7130LA55JI8
71342SA55JI8	7134LA70J8	71421LA35J8	7130SA20J8
71342SA70J	7134LA70J8/LT	71421LA35J	7130SA55J8/C
71342SA70J8	7134LA70JI	71421LA20J	7130SA55J8/LT
71342SA70JI	7134LA70JI8	71421LA20J8	7130SA55JI
71342SA70JI8	7134SA20J	71421LA25J	7130SA55JI8
7134LA20J	7134SA20J8	71421LA25J8	7130SA70J
7134LA20J8	7134SA55JI8	71421LA25JI	7130SA70JI
7134LA20JI	7140SA70JI	71421LA25JI8	7130SA70JI8
7134LA20JI8	7142LA55J8	71421SA20J	7130SA55J8/2594
7134LA25J	7142SA55J	71421SA20J8	7130SA55J8
7134LA25J8	7142SA55J8	71421SA55JI8	7130SA25J



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Affected Part Numbers

Part Number	Part Number	Part Number	Part Number
7130SA25J8	70125S55J	7132SA20J	71321LA45JI8
7130SA25JI	70125S55J8	7132SA55J	71321LA20J8
7130SA35J	7130LA20J	7132SA55J8	71321LA25J
7130SA35J8	7130LA20J8	7132SA55JI	71321LA25J8
7130SA35JI	7130LA25J	71342LA45J	71321LA25JI
7130SA35JI8	7130LA25J8	71342LA45J8	71321LA25JI8
7130SA45JI	7130LA25JI	71342LA45JI	71321LA35J
7130SA45JI8	7130LA25JI8	71342LA45JI8	71321LA35J8
7130SA55J	7130LA35J	71342LA55J	71321LA45J
7130SA55J/2594	7014S12J	71342LA55J8	71321LA45J8
7130LA35JI	7014S12J8	71342LA70J	71321LA45JI
054-51760-51	7014S15J	71342LA70J8	71321SA25JI
70121S55J8	7014S15J8	71342LA70JI	71321SA25JI8
70125L25J	7014S20J	71342LA70JI8	71321SA35J
70125L25J8	7014S20J8	71342SA20J	7132LA25J
70125L35J	7014S25J	71342SA20J8	7132LA25J8
70125L35J8	7014S25J8	71342LA35J8	7132LA25JI
70125L55J	7130LA100J	7132SA55JI8	7132LA25JI8
70125L55J8	7130LA100J/2315	71342LA20J	7132LA35J
70125S25J	7130LA100J8	71342LA20J8	7132LA35J8
70125S25J8	7130LA100JI	71342LA25J	7132LA35JI
70125S35J	7130LA100JI8	71342LA25J8	7132LA35JI8
70125S35J8	7130LA35J8	71342LA25JI	7132LA55J
70121S55J	7132SA25J	71342LA25JI8	7132LA20J8
054-51760-57	7132SA25J8	71342LA35J	71321SA35J8
70121L25J	7132SA25J8/C	71321LA20J	71321SA45J
70121L25J8	7132SA25JI	71321LA55J/3140	71321SA45J8
70121L35J	7132SA25JI8	71321LA55J8	71321SA55J
70121L35J8	7132SA35J	71321LA55JI	71321SA55J8
70121L55J	7132SA35J8	71321LA55JI8	71321SA55JI
70121L55J8	7132SA35JI	71321SA20J	71321SA55JI8
70121S25J	7132SA35JI8	71321SA20J8	7132LA100J
70121S25J8	7132SA20J8	71321SA25J	7132LA100J8
70121S35J	7132SA100J	71321SA25J8	7132LA20J
70121S35J8	7132SA100J8	71321LA55J	7132LA55J8