





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

## 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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#### 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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| 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   |