### PRODUCT/PROCESS CHANGE NOTICE (PCN)

**PCN #:** A1604-02  |  **DATE:** 3-May-2016

**Product Affected:** 35.0mm x 35.0mm PBGA-313

Refer to Attachment II for the affected part numbers

**Date Effective:** 3-Aug-2016

**Contact:** IDT PCN DESK  |  **Attachment:** Yes  No

**E-mail:** pcndesk@idt.com  |  **Samples:** Please contact your local sales representative for sample request & availability.

### MEANS OF DISTINGUISHING CHANGED DEVICES:

- [ ] Product Mark
- [x] Back Mark
- [ ] Date Code
- [ ] Datecode 1632 and above
- [ ] Other

### DESCRIPTION AND PURPOSE OF CHANGE:

- [ ] Die Technology
- [ ] Wafer Fabrication Process
- [ ] Assembly Process
- [ ] Equipment
- [ ] Material
- [ ] Testing
- [ ] Manufacturing Site
- [ ] Data Sheet
- [ ] Other - Product Marking

- **This notification is to advise our customers that the product top mark will change from ink mark to laser mark.**

- **There is no change to the moisture performance.**

- **Attachment I details the changes**

- **Attachment II shows the affected list of part numbers.**

### RELIABILITY/QUALIFICATION SUMMARY:

Not applicable.

### 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.

- [ ] Approval for shipments prior to effective date.

**Customer:** ____________________________

**Name/Date:** ____________________________

**E-Mail Address:** ____________________________

**Title:** ____________________________

**Phone# /Fax# :** ____________________________

### CUSTOMER COMMENTS:

______________________________

______________________________

______________________________

______________________________

**IDT ACKNOWLEDGMENT OF RECEIPT:**

**RECD. BY:** ____________________________  |  **DATE:** ____________________________
ATTACHMENT I - PCN #: A1604-02

PCN Type: Product Marking
Data Sheet Change: None

No change in moisture sensitivity level (MSL)

Detail Of Change:
This notification is to advise our customers that the product top mark will changed from ink mark to laser mark. Refer to Figure 1 for illustration.

There is no change to the moisture performance.

Figure 1: Example of Product Marking for Part# CA91C142D-33CEV

Ink Mark

Laser Mark
## ATTACHMENT II - PCN # : A1604-02

### Affected Part Numbers

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Part Number</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>CA91C142D-25EE</td>
<td>CA91C142D-33CEV</td>
<td>CA91C142D-33IEV</td>
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<tr>
<td>CA91C142D-33CE</td>
<td>CA91C142D-33IE</td>
<td></td>
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</tbody>
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