



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

## PRODUCT/PROCESS CHANGE NOTICE (PCN)

PCN #: **TB0905-04**                      DATE: **5-Jun-2009**  
Product Affected:    Pin grid array 121

**MEANS OF DISTINGUISHING CHANGED DEVICES:**

- Product Mark
- Back Mark
- Date Code
- Other

Shipment starting from 5-Sep-2009

Date Effective:    **5-Sep-2009**

Contact:        Mary Vesey  
Title:            Director, Product Assurance  
Phone #:        (408) 284-4565  
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E-mail:         [Mary.Vesey@idt.com](mailto:Mary.Vesey@idt.com)

Attachment:         Yes                       No

Samples:    Contact your local IDT sales representative for sample requests.

**DESCRIPTION AND PURPOSE OF CHANGE:**

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

This notification is to advise our customers that IDT plans to introduce LASER TOP MARK as replacement to INK TOP MARK for Pin grid array 121.

During the transition period, shipment to customer will contain either Ink or Laser top mark only. There will be no mixing of ink and laser mark in one shipment.

Attachment 1 outlines the details of change.

Attachment 2 shows the affected part numbers.

**RELIABILITY/QUALIFICATION SUMMARY:**

Available upon 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 1 - PCN #: TB0905-04

**PCN Type:** Product Top Mark  
**Data Sheet Change:** None  
No change in moisture sensitivity level (MSL)

#### Detail Of Change:

This notification is to advise our customers that IDT plans to introduce LASER TOP MARK as replacement to INK TOP MARK for Pin grid array 121. Refer to below pictures for an example that illustrates the appearance difference between INK TOP MARK versus LASER TOP MARK.

#### From: INK TOP MARK



#### To: LASER TOP MARK



Customers may expect to receive shipments in laser top mark materials no sooner than 90 days from the date of this notification. Shipments to customers may contain either ink or laser top mark materials only during the transition period or until the ink mark inventory has been depleted. However, there will be no mixing of ink and laser top mark materials in one single shipment.

We request you to acknowledge receipt of this notification within 30 days of the date of this PCN notification. If you require samples to conduct an evaluation, please make your sample request within 30 days as samples are not built ahead of the change for all device options. You may contact your local sales representative to acknowledge this PCN and request samples.



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## **PRODUCT/PROCESS CHANGE NOTICE (PCN)**

### **ATTACHMENT 2 - PCN #: TB0905-04**

#### **Affected Part Number**

<b>IDT Part Number</b>	<b>IDT Part Number</b>	<b>IDT Part Number</b>
7M1002S30G	7M1002S40G	7M1002S45GB
7M1002S35G	7M1002S40GB	7M1002S55G
7M1002S35GB	7M1002S45G	7M1002S65G