

Integrated Device Technology, Inc. 2975 Stender Way, Santa Clara, CA - 95054

PRODUCT/PROCESS CHANGE NOTICE (PCN)			
PCN #: <b>A-0412-04</b> DATE: 12/15/2004	MEANS OF DISTINGUISHING CHANGED DEVICES:		
Product Affected: All Green Products	□ Product Mark		
	☐ Back Mark		
	☐ Date Code ☐ Other Barcode label / 2nd level interconnect label		
Date Effective: 1/3/2005	Other Barcode I	abel / 2nd level interd	connect label
Contact: Geoffrey Cortes			
Title: Corporate QA / Reliability Manager	Attachment::	¥ Yes	∐ No
Phone #: (408) 492- 8321			
Fax #: (408) 727-2328	Samples:	See attachment	
E-mail: Geoffrey.Cortes@idt.com			
DESCRIPTION AND PURPOSE OF CHANGE:			
☐ Die Technology			
<ul> <li>□ Wafer Fabrication Process</li> <li>□ Assembly Process</li> <li>In order to comply to JEDEC standard (JESD97) Pb-free identification requirements, IDT</li> </ul>			
Equipment will integrate Pb-free identification requirements to existing IDT standard bar code labels			
☐ Material (refer to attachment 1). An additional Pb-free identification label (2nd Level Interconnect -			
Testing refer to attachment 2) will be applied for customer specific bar code labels. Please see			
	1< <u>http://www1.idt.com/pcms/getDoc.taf?docID=10119</u> > for		
Other green product details.			
RELIABILITY/QUALIFICATION SUMMARY:			
N/A			
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.			
on the earner version has been depicted.			
Customer:	Approval for s	shipments prior to	o effective date.
Name/Date: E-	Mail Address:		
Title: Ph	one# /Fax# :		
Title:			
CUSTOMER COMMENTS:			
IDT ACKNOWLEDGMENT OF RECEIPT:			
RECD RY	DATE:		
RECD. BY:			_



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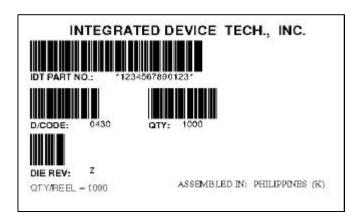
### PRODUCT/PROCESS CHANGE NOTICE (PCN)

#### **ATTACHMENT - PCN #: A-0412-04**

**Attachment 1:** (IDT standard bar code label)

Add Pb-free words, category and maximum safe operating temperature to IDT standard bar code label.

#### **Before Change (example)**



#### **After Change (example)**

Pb-free category = e1 SnAgCu (BGA packages) and maximum safe temperature



Pb-free category = e3 Sn (lead frame packages) and maximum safe temperature



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#### ATTACHMENT - PCN #: A-0412-04

**Attachment 2:** (Customer specific)

Add an additional 2nd Level Interconnect label consisting of Pb-free words, category and maximum safe operating temperature.

Notes: (1) Customer-requested special marking and graphics will not change

(2) Customer specific shipping labels will not change.

#### Category = e1 SnAgCu (BGA packages)

# 2nd Level Interconnect

## Pb-Free

- 1. Category = e1 SnAgCu
- 2. Maximum safe temperature: 260 °C

#### Category = e3 Sn (lead frame packages)

## 2nd Level Interconnect

## Pb-Free

- 1. Category = e3 Sn
- 2. Maximum safe temperature: 260 °C