



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

PRODUCT/PROCESS CHANGE NOTICE (PCN)

PCN #: T0805-02 Product Affected: IDT82P2828, IDT82P2821, IDT82P2816, IDT82P2521, IDT82P2808 Date Effective: September 20, 2008	DATE: June 20, 2008	MEANS OF DISTINGUISHING CHANGED DEVICES: <input type="checkbox"/> Product Mark <input type="checkbox"/> Back Mark <input checked="" type="checkbox"/> Date Code Prefix (stepping) change from Z to ZB <input type="checkbox"/> Other
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Contact: Mary Vesey Title: Director, PQA Phone #: (408) 284-4565 Fax #: (408) 284-1450 E-mail: Mary.Vesey@idt.com	Attachment: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Samples: Available upon request
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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 type="checkbox"/> Data Sheet <input checked="" type="checkbox"/> Other	<p>Product stepping changes from Z to ZB to improve manufacturing efficiency. There is no change in data sheet parameters and in the ordering part numbers.</p> <p>See attachment for details.</p>
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RELIABILITY/QUALIFICATION SUMMARY:

There is no change to the product quality and reliability.

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: _____	<input type="checkbox"/> 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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ATTACHMENT I - PCN #: T0805-02

PCN Type: Product Stepping Change

Data Sheet Change: None

Detail of Change: Product stepping changes from Z to ZB to improve manufacturing efficiency. There is no change in data sheet parameters and in the ordering part numbers.

Upon PCN effective date, customer may receive product shipped in the old revision, Z and new revision, ZB in one single shipment until the old revision inventory is depleted.

Qualification Plan #: QT-08-01

Qualification Test Plan and Result:

Test Description	Test Method (Latest specs in effect)	Test Results SS / Rej
Operating Lifetest (Dynamic) 125°C@1000 Hrs	MIL-STD 883 Method 1005	75/0
HAST 130°C/85%RH Static Bias for 100 Hrs	EIA/JESD22-A110	45/0
Temperature Cycle (Cond. B) -55°C/125°C, 1000 Cycles	MIL-STD 883 Method 1010	45/0
ESD: Human Body Model @ 2000V	MIL-STD 883 Method 3015	3/0
ESD: Charged Device Model @ 500V	JESD22-C101	3/0
Latch-up	JESD78	6/0



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Affected Part Number

IDT Part Number	IDT Part Number	IDT Part Number	IDT Part Number
IDT82P2521BH	IDT82P2808BBG	IDT82P2816BBG	IDT82P2821BHG
IDT82P2521BHG	IDT82P2808BBG8	IDT82P2816BBG8	IDT82P2828BH
IDT82P2808BB	IDT82P2816BB	IDT82P2821BH	IDT82P2828BHG