



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

## PRODUCT/PROCESS CHANGE NOTICE (PCN)

PCN #: <b>N0801-01R1</b> DATE: <b>March 28, 2008</b> Product Affected: <b>83115BR, 85115BRLF</b> <b>83115BRI, 85115BRILF</b> Date Effective: <b>April 28, 2008</b>	MEANS OF DISTINGUISHING CHANGED DEVICES: <input type="checkbox"/> Product Mark <input type="checkbox"/> Back Mark <input type="checkbox"/> Date Code <input checked="" type="checkbox"/> Other      Tested parts by April 16, 2008
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Contact: Poh-Siew Tow Title: Product Quality Assurance Phone #: (408) 284-8206 Fax #: (408) 284-1450 E-mail: <a href="mailto:PS.Tow@idt.com">PS.Tow@idt.com</a>	Attachment: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  Samples: Please contact your local sales representative for sample request & availability.
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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 checked="" type="checkbox"/> Testing <input type="checkbox"/> Manufacturing Site <input checked="" type="checkbox"/> Data Sheet <input type="checkbox"/> Other	This notification is to advise our customers that IDT will be updating the datasheet and test parameters for devices 83115BR and 83115BRI. There is no die change. (PCN N0801-01 issued January 16, 2008 revised to add industrial part 83115BRI).
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**RELIABILITY/QUALIFICATION SUMMARY:**

There is no expected change to the product quality or reliability performance.

**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"/> <i>Approval for shipments prior to effective date.</i>
Name/Date: _____	E-Mail Address: _____
Title: _____	Phone# /Fax# : _____

**CUSTOMER COMMENTS:** \_\_\_\_\_

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**IDT ACKNOWLEDGMENT OF RECEIPT:**

RECD. BY: \_\_\_\_\_      DATE: \_\_\_\_\_



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## PRODUCT/PROCESS CHANGE NOTICE (PCN)

### ATTACHMENT I - PCN # : N0801-01R1

**PCN Type:** Product Line

**Data Sheet Change:** Yes

#### Details Of Change:

This notification is to advise our customers that IDT will be updating the datasheet and test parameters of devices 83115BR and 83115BRI for yield enhancements in order to better cover variations due to process. There is no die change. This is a spec change only.

The following datasheet parameters will reflect the current performance of the device.

#### Table 5

Minimum Rise/Fall Time (tR/tF):

From : 650 ps

To : 400 ps

Maximum Rise/Fall Time (tR/tF):

From : 1150 ps

To : 800 ps

**Affected Packages:** SSOP 28 (PC28, PCG28)

**Affected Devices:** 83115BR, 83115BRLF  
83115BRI, 83115BRILF

#### Sample Availability:

Samples are now available for all affected devices.

Please contact your local IDT sales representative for your sample request and availability.