



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

## PRODUCT/PROCESS CHANGE NOTICE (PCN)

<b>PCN #:</b> N1009-01 <b>DATE:</b> November 19, 2010 <b>Product Affected:</b> 843312AKLF, 843312AKLFT 843312AKILF, 843312AKILFT <b>Date Effective:</b> February 19, 2011	<b>MEANS OF DISTINGUISHING CHANGED DEVICES:</b> <input type="checkbox"/> Product Mark <input type="checkbox"/> Back Mark <input type="checkbox"/> Date Code <input checked="" type="checkbox"/> Other      Ship Date
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<b>Contact:</b> Rodney Corpuz <b>Title:</b> Product Quality Assurance <b>Phone #:</b> (408) 284-8261 <b>Fax #:</b> (408) 284-1450 <b>E-mail:</b> <a href="mailto:rcorpuz@idt.com">rcorpuz@idt.com</a>	<b>Attachment:</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  <b>Samples:</b> Available now
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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 has updated the datasheet and test program of device 843312AKLF and 843312AKILF.
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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 90 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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### ATTACHMENT I - PCN # : N1009-01

**PCN Type:** Product Line

**Data Sheet Change:** Yes

**Details Of Change:**

The following datasheet parameters will be updated on the datasheet and test program to reflect the changes.

**From:**

**Table 6A. AC Characteristics,  $V_{CC} = V_{CCO} = 3.3V \pm 5\%$ ,  $V_{EE} = 0V$ ,  $T_A = -40^{\circ}C$  to  $85^{\circ}C$**

Symbol	Parameter	Test Conditions	Minimum	Typical	Maximum	Units
odc	Output Duty Cycle		45		55	%

**To:**

**Table 6A. AC Characteristics,  $V_{CC} = V_{CCO} = 3.3V \pm 5\%$ ,  $V_{EE} = 0V$ ,  $T_A = -40^{\circ}C$  to  $85^{\circ}C$**

Symbol	Parameter	Test Conditions	Minimum	Typical	Maximum	Units
odc	Output Duty Cycle	$f_{OUT} = 125$	45		55	%
		$f_{OUT} = 312.5$	40		60	%

**Affected Devices:** 843312AKLF, 843312AKLFT, 843312AKILF, 843312AKILFT

**Sample Availability:**

Samples are now available for all affected devices.

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