



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

## PRODUCT/PROCESS CHANGE NOTICE (PCN)

PCN #: <b>L0404-02</b> Product Affected: IDT 5V2305  Date Effective: 8/24/2004	DATE: 5/24/2004	MEANS OF DISTINGUISHING CHANGED DEVICES: <input type="checkbox"/> Product Mark <input type="checkbox"/> Back Mark <input checked="" type="checkbox"/> Date Code <span style="float: right;">Date Code of 0435 or later</span> <input type="checkbox"/> Other
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Contact: Bimla Paul Title: Product Assurance Manager Phone #: 408-654-6419 Fax #: 408-492-8362 E-mail: <a href="mailto:bimla.paul@idt.com">bimla.paul@idt.com</a>	Attachment: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  Samples:
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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 checked="" type="checkbox"/> Data Sheet <input type="checkbox"/> Other	<p>To revise selected timing parameters to reflect device characterization. This is a data sheet change only and does not reflect any process or product changes.</p>
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**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.

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

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

**IDT ACKNOWLEDGMENT OF RECEIPT:**  
 RECD. BY: \_\_\_\_\_ DATE: \_\_\_\_\_



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### ATTACHMENT - PCN #: L0404-02

**PCN Type:** Data Sheet

**Data Sheet Change:** Yes

#### Detail of Change:

OPERATION	DATA SHEET PARAMETER	OLD VALUE	NEW VALUE
<b>3.3 V</b>	pg 5 Tsk(o) - Output Skew, Yx to Yx	50ps	75ps
	pg 5 Tsk(p) - Pulse Skew	300ps	200ps
	pg 5 Tr - Rise Time	0.7 - 2. V/ns	0.7 - 2.3 V/ns
	pg 5 Tf - Fall Time	0.7 - 2. V/ns	0.7 - 2.3 V/ns
	pg 5 Tplh and Tphl - CLK to Yx	1.5 - 3.5 ns	1.5 - 3.0 ns
<b>2.5V</b>	pg 5 Tsk(o) - Output Skew, Yx to Yx	75ps	100ps
	pg 5 Tsk(p) - Pulse Skew	700ps	350ps
	pg 5 Tr - Rise Time	0.4 - 1.4 V/ns	0.4 - 1.625 V/ns
	pg 5 Tf - Fall Time	0.4 - 1.4 V/ns	0.4 - 1.625 V/ns