



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

## PRODUCT/PROCESS CHANGE NOTICE (PCN)

<b>PCN #:</b> N1206-02 <b>DATE:</b> September 3, 2012 <b>Product Affected:</b> 8N4SV75, 8N4SV76, 8N4DV85  <b>Date Effective:</b> December 3, 2012	<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                                      N/A
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<b>Contact:</b> Mary Vesey <b>Title:</b> Director, Product Assurance <b>Phone #:</b> (408) 284-4565 <b>Fax #:</b> (408) 284-1450 <b>E-mail:</b> <a href="mailto:mary.vesey@idt.com">mary.vesey@idt.com</a>	<b>Attachment:</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  <b>Samples:</b> Samples available upon request
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**DESCRIPTION AND PURPOSE OF CHANGE:**

<input type="checkbox"/> Die Technology	LVDS limits stated in Data Sheet will be amended to stay consistent with the device performance, which is comply with TIA/EIA-644-A-2001 standards.
<input type="checkbox"/> Wafer Fabrication Process	
<input type="checkbox"/> Assembly Process	
<input type="checkbox"/> Equipment	
<input type="checkbox"/> Material	There is no change in die technology/process, ordering part number and device top mark.
<input type="checkbox"/> Testing	
<input type="checkbox"/> Manufacturing Site	
<input checked="" type="checkbox"/> Data Sheet	Refer to details on the attachment.
<input type="checkbox"/> Other	

**RELIABILITY/QUALIFICATION SUMMARY:**

There is no change in die technology/process.

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

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

**IDT ACKNOWLEDGMENT OF RECEIPT:**

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



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## PRODUCT/PROCESS CHANGE NOTICE (PCN)

### ATTACHMENT I - PCN #: N1206-02

**PCN Type:** Data Sheet

**Data Sheet Change:** Yes

**Detail of Change:**

LVDS limits stated in Data Sheet will be amended to stay consistent with the device performance, which is comply with TIA/EIA-644-A-2001 standards.

There is no change in die technology/process, ordering part number and device top mark.

#### 8N4SV75 Datasheet & 8N4DV85 Datasheet

Table	Description	Existing Data Sheet	New Data Sheet
4D	VOD min	220mV	247mV
	VOD typical	330mV	330mV
	VOD max	620mV	454mV
	deltaVOD min	2mV	blank
	deltaVOD typical	12mV	blank
	deltaVOD max	38mV	50mV
	VOS min	1.14V	1.14V
	VOS typical	1.23V	1.23V
	VOS max	1.31V	1.31V
	deltaVOS min	13mV	blank
	deltaVOS typical	20mV	blank
	deltaVOS max	27mV	50mV
4E	VOD min	188mV	247mV
	VOD typical	320mV	320mV
	VOD max	640mV	454mV
	deltaVOD min	3mV	blank
	deltaVOD typical	12mV	blank
	deltaVOD max	37mV	50mV
	VOS min	1.13V	1.13V
	VOS typical	1.22V	1.22V
	VOS max	1.30V	1.30V
	deltaVOS min	14mV	blank
	deltaVOS typical	21mV	blank
	deltaVOS max	28mV	50mV



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## PRODUCT/PROCESS CHANGE NOTICE (PCN)

### ATTACHMENT I - PCN #: N1206-02

#### 8N4SV76 Datasheet

Table	Description	Existing Data Sheet	New Data Sheet
4D	VOD min	220mV	247mV
	VOD typical	330mV	330mV
	VOD max	620mV	454mV
	deltaVOD min	1mV	blank
	deltaVOD typical	4mV	blank
	deltaVOD max	32mV	50mV
	VOS min	1.14V	1.14V
	VOS typical	1.23V	1.23V
	VOS max	1.31V	1.31V
	deltaVOS min	13mV	blank
	deltaVOS typical	20mV	blank
	deltaVOS max	27mV	50mV
4E	VOD min	188mV	247mV
	VOD typical	320mV	320mV
	VOD max	640mV	454mV
	deltaVOD min	1mV	blank
	deltaVOD typical	3mV	blank
	deltaVOD max	28mV	50mV
	VOS min	1.13V	1.13V
	VOS typical	1.22V	1.22V
	VOS max	1.30V	1.30V
	deltaVOS min	14mV	blank
	deltaVOS typical	21mV	blank
	deltaVOS max	28mV	50mV



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## PRODUCT/PROCESS CHANGE NOTICE (PCN)

### ATTACHMENT II - PCN #: N1206-02

#### Affected Part Number

Part Number	Part Number	Part Number	Part Number
8N4DV85FC-0169CDI	8N4SV75KC-0065CDI	8N4SV75KC-0076CDI	8N4SV75LC-0161CDI
8N4DV85FC-0169CDI8	8N4SV75KC-0065CDI8	8N4SV75KC-0076CDI8	8N4SV75LC-0161CDI8
8N4SV75EC-0085CDI	8N4SV75KC-0066CDI	8N4SV75KC-0080CDI	
8N4SV75EC-0085CDI8	8N4SV75KC-0066CDI8	8N4SV75KC-0080CDI8	