



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

## PRODUCT/PROCESS CHANGE NOTICE (PCN)

<b>PCN #:</b> I-0607-02 Product Affected: 79RC32K438  <b>Date Effective:</b> August 31, 2006	<b>DATE:</b> July 31, 2006	<b>MEANS OF DISTINGUISHING CHANGED DEVICES:</b> <input checked="" type="checkbox"/> Product Mark <input type="checkbox"/> Back Mark <input checked="" type="checkbox"/> Date Code      0636 <input type="checkbox"/> Other
---	----------------------------	--

<b>Contact:</b> Bimla Paul <b>Title:</b> Quality Assurance Manager <b>Phone #:</b> (408)574-6419 <b>Fax #:</b> (408) 284-8362 <b>E-mail:</b> Bimla.Paul@idt.com	<b>Attachment::</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  <b>Samples:</b> N/A
---	--

**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	The VccCore (Internal Logic Supply) specification will be modified on the data sheet.
<input type="checkbox"/> Material	This change will improve the manufacturing efficiency of the product. Please see the attachment for details.
<input type="checkbox"/> Testing	
<input type="checkbox"/> Manufacturing Site	
<input checked="" type="checkbox"/> Data Sheet	There is no change to device design, process or technology.
<input type="checkbox"/> Other	

**RELIABILITY/QUALIFICATION SUMMARY:** There is no change to product quality or 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"/> <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: \_\_\_\_\_



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

## PRODUCT/PROCESS CHANGE NOTICE (PCN)

### ATTACHMENT - PCN #: I- 0607-02

**PCN Type:** Data Sheet Change

**Data Sheet Change** Yes

**Detail of Change** The VccCore (Internal Logic Supply) specification will be modified on the data sheet. This change will improve the manufacturing efficiency of the product. Please see the following table for details of the data sheet change:

There is no change to device design, process or technology

79RC32438 Data Sheet pg 38, Table 15 - "RC32438 Operating Supply Voltages", Vcc Core Entries only

Change From

Symbol	Parameter	Clock Speed	Minimum	Typical	Maximum	Unit
Vcc Core	Internal Logic Supply	200MHz,233 MHz	1.1	1.2	1.3	V
		266MHz, 300MHz	1.2	1.3	1.4	V

Change To

Symbol	Parameter	Clock Speed	Minimum	Typical	Maximum	Unit
Vcc Core	Internal Logic Supply	200MHz,233 MHz	1.1	1.2	1.3	V
		266MHz	1.2	1.3	1.4	V
		300MHz	1.3	1.4	1.5	V