



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

PRODUCT/PROCESS CHANGE NOTICE (PCN)

PCN #: **I-0607-02**

DATE: **July 31, 2006**

Product Affected: 79RC32K438

MEANS OF DISTINGUISHING CHANGED DEVICES:

☒ Product Mark

☐ Back Mark

☒ Date Code 0636

☐ Other

Date Effective: **August 31, 2006**

Contact: Bimla Paul

Title: Quality Assurance Manager

Phone #: (408)574-6419

Fax #: (408) 284-8362

E-mail: Bimla.Paul@idt.com

Attachment:: ☒ Yes ☐ No

Samples: N/A

DESCRIPTION AND PURPOSE OF CHANGE:

☐ Die Technology

☐ Wafer Fabrication Process

☐ Assembly Process

☐ Equipment

☐ Material

☐ Testing

☐ Manufacturing Site

☒ Data Sheet

☐ Other

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 attachment for details.

There is no change to device design, process or technology.

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: _____

☐ **Approval for shipments prior to effective date.**

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 - 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