



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

## PRODUCT/PROCESS CHANGE NOTICE (PCN)

PCN #: **I-0510-01** DATE: 10/24/2005

Product Affected: **IDT79RC32H434 (All speed grades)**

Date Effective: 1/23/2006

### MEANS OF DISTINGUISHING CHANGED DEVICES:

- ☒ Product Mark  
☐ Back Mark  
☒ Date Code 0604  
☐ Other

Contact: Bimla Paul

Title: Quality Assurance Manager

Phone #: (408) 574-6419

Fax #: (408) 284-8362

E-mail: [bimla.paul@idt.com](mailto: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 Non-Volatile RAM specification will be deleted from the data sheet .  
This change will improve the manufacturing efficiency of the product.  
Please see the attachment for the detail.

### RELIABILITY/QUALIFICATION SUMMARY:

There is no change in product quality and 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-0510-01

**PCN Type:** Data Sheet Change

**Data Sheet Change:** Yes

**Detail of Change:** The Non-Volatile RAM specification will be deleted from the data sheet .  
This change will improve the manufacturing efficiency of the product.  
Please see the following table for details of data sheet changes:

From (Current Data Sheet):	To (New Data Sheet):
Built-in Non-Volatile RAM offering the following features: -Provides 512-bits of non-volatile storage -Eliminates need for external boot configuration vector -Stores initial PCI configuration register values when PCI configured to operate in satellite mode with suspended CPU execution. -Authorization unit ensures only authorized software will operate on the system.	Absence of Non-Volatile RAM.

After the PCN effectivity date, IDT will only support this device that meets the new data sheet specification. Please see the complete list of affected part #.

Affected Part	Affected Part
IDT79RC32H434-266BC	IDT79RC32H434-300BCGI
IDT79RC32H434-266BCI	IDT79RC32H434-350BC
IDT79RC32H434-266BCG	IDT79RC32H434-350BCI
IDT79RC32H434-266BCGI	IDT79RC32H434-350BCG
IDT79RC32H434-300BC	IDT79RC32H434-350BCGI
IDT79RC32H434-300BCI	IDT79RC32H434-400BC
IDT79RC32H434-300BCG	IDT79RC32H434-400BCG