



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

PRODUCT/PROCESS CHANGE NOTICE (PCN)

PCN #: **L0201-02** DATE: 2/6/2002
 Product Affected: IDTQS74FCT2374/ QS74FCT2573
 IDTQS74FCT2574/ QS74FCT2821/ QS74FCT2823
 IDTQS74FCT2827/ QS74FCT2828/ QS74FCT2841
 Date Effective: 3/6/2002

MEANS OF DISTINGUISHING CHANGED DEVICES:

- Product Mark
- Back Mark
- Date Code 0210 and later
- Other

Contact: Bimla Paul
 Title: Quality Manager
 Phone #: 408-654-6419
 Fax #: 408-492-8362
 E-mail: bimla.paul@idt.com

Attachment: Yes No

Samples: Available upon request

DESCRIPTION AND PURPOSE OF CHANGE:

- Die Technology
- Wafer Fabrication Process To revise R_{OUT} (Output Resistance) specifications on selective Digital Logic products.
- Assembly Process Please see attachment for details.
- Equipment
- Material
- Testing
- Manufacturing Site
- Data Sheet
- Other

RELIABILITY/QUALIFICATION SUMMARY:

Data sheet change. Please see attachment for details.

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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ATTACHMENT - PCN #: L0201-02

PCN Type: Data sheet Change.

Data Sheet Change: Yes.

Detail of Change: R_{OUT} Specification has been revised as follow:

Digital Logic Product	Parameter	Test Condition	Old Specification			New Specification		
			Min	Typ*	Max (Ω)	Min	Typ*	Max (Ω)
IDTQS74FCT2374	ROUT	V _{cc} = Min, IOL= 12mA	20	28	40	15	21	35
IDTQS74FCT2573	ROUT	V _{cc} = Min, IOL= 12mA	20	28	40	15	21	40
IDTQS74FCT2574	ROUT	V _{cc} = Min, IOL= 12mA	20	28	40	15	21	35
IDTQS74FCT2821	ROUT	V _{cc} = Min, IOL= 12mA	20	28	40	18	25	40
IDTQS74FCT2823	ROUT	V _{cc} = Min, IOL= 12mA	20	28	40	18	25	40
IDTQS74FCT2841	ROUT	V _{cc} = Min, IOL= 12mA	20	28	40	18	25	40
IDTQS74FCT2827	ROUT	V _{cc} = Min, IOL= 12mA	20	28	40	18	25	40
IDTQS74FCT2828	ROUT	V _{cc} = Min, IOL= 12mA	20	28	40	18	25	40

*Typical values are at V_{cc} = 5.0V, TA = 25°C

Conversion Schedule:

Samples are available now.