



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

PRODUCT/PROCESS CHANGE NOTICE (PCN)

PCN #: N0611-01 Product Affected: MPC9229, MPC9230, MPC9239 MPC92429, MPC92439 Date Effective: 7-March-2007	DATE: 7-Dec-2006	MEANS OF DISTINGUISHING CHANGED DEVICES: <input type="checkbox"/> Product Mark <input type="checkbox"/> Back Mark DC0630 (MPC9229), DC0640 (MPC9230) <input checked="" type="checkbox"/> Date Code DC0631 (MPC9239), DC0642 (MPC92429) <input type="checkbox"/> Other DC0628 (MPC92439)
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Contact: Poh-Siew Tow Title: Product Quality Assurance Phone #: (408) 284-8206 Fax #: (408) 284-1450 E-mail: PS.Tow@idt.com	Attachment: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Samples: Please contact your local sales representative for sample request & availability.
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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 <input type="checkbox"/> Material <input type="checkbox"/> Testing <input type="checkbox"/> Manufacturing Site <input checked="" type="checkbox"/> Data Sheet <input type="checkbox"/> Other	<p>This notification is to advise our customers that IDT has updated the datasheet of the products listed on this PCN.</p>
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RELIABILITY/QUALIFICATION SUMMARY:

There is no expected change to the product quality or reliability performance.

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: _____



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PRODUCT/PROCESS CHANGE NOTICE (PCN)

ATTACHMENT I - PCN # : N0611-01

PCN Type: Product Line

Data Sheet Change: Yes

Details Of Change:

This notification is to advise our customers that IDT has updated the datasheet of the following products mentioned below. The transfer of final electrical test for the MPC9229, MPC9230, MPC9239, MPC92429, and MPC92439 to IDT test sites has been recently completed. Completion of this transfer to IDT's advanced high speed test capacity has highlighted a need for change in the minimum Output High Voltage (LVPECL) Voh specification for differential clock output Fout.

Extensive bench characterization and ATE analysis, in combination with a thorough review of historical data has determined that the typical Voh performance minimum = Vcc-1.11V, rather than the current Vcc-1.02V value. This specification change reflects the ability to more precisely assess unchanged product performance – which will provide designers and system engineers more accurate data to build and assess equipment capabilities.

The datasheet will reflect the current performance of the device on the parameters below.

Minimum Voh = Vcc - 1.02V to Vcc - 1.11V

Affected Packages: TQFP 32 (PR32, PRG32)
PLCC 28 (PL28, PLG28)

Affected Devices: MPC9229AC MPC9230AC MPC9239AC MPC92429AC MPC92439AC
MPC9229EI MPC9230EI MPC9239EI MPC92429EI MPC92439EI
MPC9229FA MPC9230FA MPC9239FA MPC92429FA MPC92439FA
MPC9229FN MPC9230FN MPC9239FN MPC92429FN MPC92439FN

Sample Availability:

Samples are now available for all affected devices.

Please contact your local IDT sales representative for your sample request and availability.