



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

## PRODUCT/PROCESS CHANGE NOTICE (PCN)

PCN #: L0008-06	DATE: 8/25/00	<b>MEANS OF DISTINGUISHING CHANGED DEVICES:</b>	
Product Affected: QS4A101, QS4A105, QS4A110, QS4A201 QS4A205, QS4A210, QS4A215		<input type="checkbox"/> Product Mark	
Manufacturing Location Affected: N/A		<input type="checkbox"/> Back Mark	
Date Effective: 09/25/00		<input checked="" type="checkbox"/> Date Code	date code of 0040 or later
		<input checked="" type="checkbox"/> Other	

Contact: Bimla Paul	Attachment:: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Title: Product Assurance Manager	
Phone #: 408-654-6419	Samples: N/A
Fax #: 408-492-8362	
E-mail: Bimla.Paul@idt.com	

**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>After device characterization, data sheet inconsistencies were observed. As a result, data sheet specification change of one DC characteristic, Rds(Ron), is required on the above listed products. This change only affects the data sheet parameter and reflects the characterization data. No process or design changes have been implemented.</p> <p style="text-align: center;">Please see attachment for details.</p>
----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

**RELIABILITY/QUALIFICATION SUMMARY:**  
N/A

**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: \_\_\_\_\_

## ATTACHMENT - PCN #: L0008-06

DEVICE	PARAMETER	CONDITIONS	NEW VALUE
QS4A101	Rds(on)	Vcc=min, Vin =2.4V,Ion =15mA	13 ohms typical/17 ohms max.
	Rds(on)	Vcc=min, Vin =1.5V,Ion =15mA	Delete
	Delta Rds	All	Delete
QS4A105	Rds(on)	Vcc=min, Vin =2.4V,Ion =15mA	13 ohms typical/17 ohms max.
	Rds(on)	Vcc=min, Vin =1.5V,Ion =15mA	Delete
	Delta Rds	All	Delete
QS4A110	Rds(on)	Vcc=min, Vin =2.4V,Ion =15mA	13 ohms typical/17 ohms max.
	Rds(on)	Vcc=min, Vin =1.5V,Ion =15mA	Delete
	Delta Rds	All	Delete
QS4A201	Rds(on)	Vcc=min, Vin =2.4V,Ion =15mA	13 ohms typical/17 ohms max.
	Rds(on)	Vcc=min, Vin =1.5V,Ion =15mA	Delete
	Delta Rds	All	Delete
QS4A205	Rds(on)	Vcc=min, Vin =2.4V,Ion =15mA	13 ohms typical/17 ohms max.
	Rds(on)	Vcc=min, Vin =1.5V,Ion =15mA	Delete
	Delta Rds	All	Delete

## ATTACHMENT - PCN #: L0008-06

DEVICE	PARAMETER	CONDITIONS	NEW VALUE
QS4A210	Rds(on)	Vcc=min, Vin =2.4V,Ion =15mA	13 ohms typical/17 ohms max.
	Rds(on)	Vcc=min, Vin =1.5V,Ion =15mA	Delete
	Delta Rds	All	Delete
QS4A215	Rds(on)	Vcc=min, Vin =2.4V,Ion =15mA	13 ohms typical/17 ohms max.
	Rds(on)	Vcc=min, Vin =1.5V,Ion =15mA	Delete
	Delta Rds	All	Delete