



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

## PRODUCT/PROCESS CHANGE NOTICE (PCN)

PCN #: **N1409-01**                      Date: September 25, 2014  
Product Affected:    853S058AGILF  
   853S058AGILFT

#### MEANS OF DISTINGUISHING CHANGED DEVICES:

- Product Mark  
 Back Mark  
 Date Code  
 Other

Shipment after PCN Effective

Date Effective: December 25, 2014

Contact: IDT PCN DESK

Attachment:     Yes                       No

E-mail: [pcndesk@idt.com](mailto:pcndesk@idt.com)

Samples: Samples available upon request

#### DESCRIPTION AND PURPOSE OF CHANGE:

- Die Technology
- Wafer Fabrication Process
- Assembly Process
- Equipment
- Material
- Testing
- Manufacturing Site
- Data Sheet
- Other

The Data Sheet parameter for "Maximum  $I_{EE}$ " in Table 4A will be increased from 51mA to 55mA as a yield improvement.

The test program will be revised to match this new limit.

#### RELIABILITY/QUALIFICATION SUMMARY:

There is no expected change in 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 1 - PCN # : N1409-01

**PCN Type:** Datasheet & Test Program Change

**Detail Of Change:**

From:

#### DC Electrical Characteristics

Table 4A. Power Supply DC Characteristics,  $V_{CC} = 2.375V$  to  $3.465V$ ;  $V_{EE} = 0V$ ,  $T_A = -40^{\circ}C$  to  $85^{\circ}C$

Symbol	Parameter	Test Conditions	Minimum	Typical	Maximum	Units
$V_{CC}$	Positive Supply Voltage		2.375	3.3	3.465	V
$I_{EE}$	Power Supply Current				51	mA

To:

#### DC Electrical Characteristics

Table 4A. Power Supply DC Characteristics,  $V_{CC} = 2.375V$  to  $3.465V$ ;  $V_{EE} = 0V$ ,  $T_A = -40^{\circ}C$  to  $85^{\circ}C$

Symbol	Parameter	Test Conditions	Minimum	Typical	Maximum	Units
$V_{CC}$	Positive Supply Voltage		2.375	3.3	3.465	V
$I_{EE}$	Power Supply Current				55	mA