



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

Date Effective: December 25, 2014

MEANS OF DISTINGUISHING CHANGED DEVICES:

☐ Product Mark

☐ Back Mark

☐ Date Code

☒ Other

Shipment after PCN Effective

Contact: IDT PCN DESK

Attachment: ☒ Yes

☐ No

E-mail: 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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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