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

PRODUCT/PROCESS CHANGE NOTICE (PCN)

PCN #: **SG0703-02R1** DATE: **April 18, 2008**
Product Affected: See Listing in Attachment 2

Date Effective: **July 2, 2007**

MEANS OF DISTINGUISHING CHANGED DEVICES:
- ■ Product Mark
- ☐ Back Mark
- ☐ Date Code
- ☐ Other

Contact: Bimla Paul
Title: Quality Assurance Manager
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Attachment:: ■ Yes ☐ No

Samples: Available upon request

DESCRIPTION AND PURPOSE OF CHANGE:

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

As a result of the IDT acquisition of the Audio Codec business from Sigmatel, Effective **July 1, 2007,** top mark requirements for all Audio Codec parts in 48L- QFP packages will use IDT standard marking format
There is no change to device design, die or process technology.
There is no change to the assembly or Fab process. .
This will not impact the device performance or functionality
R1 change to correct ASE Assy code from "S" to "G" only . PCN effectivity date remains July 2,. 2007 as stated in original PCN.

RELIABILITY/QUALIFICATION SUMMARY:
Not Applicable. There is no change to device design, die or process technology

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 #: SG0703-02R1

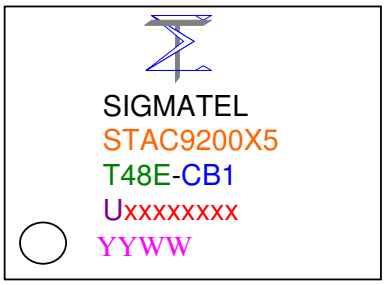
PCN Type: Audio Codec Top Mark Format Change

Data Sheet Change N/A

Detail of Change All 48L QFP Audio Codec devices will use the IDT standard top mark format.
There is no change to device design, process or technology.

Example: **STAC9200X5TAEB1X** The PCN details data location only. The chip outline is not to scale and device marking is not colored.

Sigmatel Marking
FROM:



IDT Marking
TO:

Details: Changing from a 6 line format to a 4 line format
Line 1: Removed SigmaTel logo
Line 2: Replaced SIGMATEL name with IDT name
Line 3: Part number line, no change
Line 4: IDT package codes used instead of SigmaTel

Marked Package Code	Sigmatel Package Code	IDT Package Code	Orderable Part Number codes (only applies to STAC… part numbers
7X7 48pin QFP (TQFP/LQFP)	T48E	PRG	TAE

Line 5: Lot code replaced by IDT format.

Data	SigmaTel Lot Code	IDT Lot Code
Device Revision	Line 4 after package code	1st two digits of lot code
Assembly site	1st digit of lot code (U=UTAC, A=ASE)	9th digit of the lot code (Z=UTAC, G=ASE)
Lot code	Content after assembly code	7th and 8th position
Date code	Line 6 of marking	3rd and 4th position are 2 digit Year 5th and 6th position are 2 digit Work Week

Line 6: removed date code and is added to the lot code line

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ATTACHMENT 2 - PCN #: SG0703-02R1

Affected Part Numbers

STAC9200D3TAEB1X
STAC9200D5TAEB1X
STAC9200X3TAEB1X
STAC9200X3TAEB1XR
STAC9200X5TAEB1X
STAC9200X5TAEB1XR
STAC9202D3TAEA1X
STAC9202D3TAEA1XR
STAC9202D5TAEA1X
STAC9202D5TAEA1XR
STAC9202X3TAEA1X
STAC9202X3TAEA1XR
STAC9202X5TAEA1X
STAC9202X5TAEA1XR
STAC9204D3TAEB2X
STAC9204D3TAEB2XR
STAC9204D5TAEB2X
STAC9204D5TAEB2XR
STAC9204X3TAEB2X
STAC9204X3TAEB2XR
STAC9204X5TAEB2X
STAC9204X5TAEB2XR
STAC9205D3TAEB2X
STAC9205D3TAEB2XR
STAC9205D5TAEB2X
STAC9205D5TAEB2XR
STAC9205X3TAEB2X
STAC9205X3TAEB2XR
STAC9205X5TAEB2X
STAC9205X5TAEB2XR
STAC9220D3TAEA6X
STAC9220D3TAEA6XR
STAC9220D5TAEA6X
STAC9220D5TAEA6XR
STAC9220X3TAEA6X
STAC9220X3TAEA6XR
ST119220X5TAEA4X
ST119220X5TAEA4XR
STAC9220X5TAEA6X
STAC9220X5TAEA6XR

Affected Part Numbers (cont'd)

STAC9221D3TAEA6X
STAC9221D3TAEA6XR
STAC9221D5TAEA6X
STAC9221D5TAEA6XR
STAC9221X3TAEA6X
STAC9221X3TAEA6XR
STAC9221X5TAEA6X
STAC9221X5TAEA6XR
STAC9223D3TAEA6X
STAC9223D3TAEA6XR
STAC9223D5TAEA6X
STAC9223D5TAEA6XR
STAC9223X3TAEA6X
STAC9223X3TAEA6XR
STAC9223X5TAEA6X
STAC9223X5TAEA6XR
STAC9227D3TAEA2X
STAC9227D5TAEA2X
STAC9227X3TAEA2X
STAC9227X5TAEA2X
STAC9228D3TAEA2X
STAC9228D5TAEA2X
STAC9228X3TAEA2X
STAC9228X5TAEA2X
STAC9229D3TAEA2X
STAC9229D5TAEA2X
STAC9229X3TAEA2X
STAC9229X5TAEA2X
STAC9230D5TAEA2X
STAC9230X5TAEA2X
STAC9227D3TAEB4X
STAC9227D5TAEB4X
STAC9227X3TAEB4X
STAC9227X5TAEB4X
STAC9228D3TAEB4X
STAC9228D5TAEB4X
STAC9228X3TAEB4X
STAC9228X5TAEB4X
STAC9229D3TAEB4X
STAC9229D5TAEB4X

PRODUCT/PROCESS CHANGE NOTICE (PCN)

ATTACHMENT 2 (cont'd) - PCN #: SG0703-02R1

Affected Part Numbers

STAC9229X3TAEB4X
STAC9229X5TAEB4X
STAC9230D5TAEB4X
STAC9230X5TAEB4X
STAC9227D3TAEB4XR
STAC9227D5TAEB4XR
STAC9227X3TAEB4XR
STAC9227X5TAEB4XR
STAC9228D3TAEB4XR
STAC9228D5TAEB4XR
STAC9228X3TAEB4XR
STAC9228X5TAEB4XR
STAC9229D3TAEB4XR
STAC9229D5TAEB4XR
STAC9229X3TAEB4XR
STAC9229X5TAEB4XR
STAC9230D5TAEB4XR
STAC9230X5TAEB4XR
STAC9250G3TAEA1X
STAC9250G3TAEA1XR
STAC9250G5TAEA1X
STAC9250G5TAEA1XR
STAC9250H3TAEA1X
STAC9250H3TAEA1XR
STAC9250H5TAEA1X
STAC9250H5TAEA1XR
STAC9251G3TAEA1X
STAC9251G3TAEA1XR
STAC9251G5TAEA1X
STAC9251G5TAEA1XR
STAC9251H3TAEA1X
STAC9251H3TAEA1XR
STAC9251H5TAEA1X
STAC9251H5TAEA1XR
STAC9254G3TAEA1X
STAC9254G3TAEA1XR
STAC9254G5TAEA1X
STAC9254G5TAEA1XR
STAC9254H3TAEA1X
STAC9254H3TAEA1XR

Affected Part Numbers (cont'd)

STAC9254H5TAEA1X
STAC9254H5TAEA1XR
STAC9255G3TAEA1X
STAC9255G3TAEA1XR
STAC9255G5TAEA1X
STAC9255G5TAEA1XR
STAC9255H3TAEA1X
STAC9255H3TAEA1XR
STAC9255H5TAEA1X
STAC9271D5TAEA2X
STAC9271X5TAEA2X
STAC9272D3TAEA2X
STAC9272D5TAEA2X
STAC9272X3TAEA2X
STAC9272X5TAEA2X
STAC9273D5TAEA2X
STAC9273X5TAEA2X
STAC9274D5TAEA2X
STAC9274X5TAEA2X
STAC9271D5TAEB4X
STAC9271X5TAEB4X
STAC9272D3TAEB4X
STAC9272D5TAEB4X
STAC9272X3TAEB4X
STAC9272X5TAEB4X
STAC9273D5TAEB4X
STAC9273X5TAEB4X
STAC9274D5TAEB4X
STAC9274X5TAEB4X
STAC9271D5TAEB4XR
STAC9271X5TAEB4XR
STAC9272D3TAEB4XR
STAC9272D5TAEB4XR
STAC9272X3TAEB4XR
STAC9272X5TAEB4XR
STAC9273D5TAEB4XR
STAC9273X5TAEB4XR
STAC9274D5TAEB4XR
STAC9274X5TAEB4XR
STAC9752AXTAED1X

PRODUCT/PROCESS CHANGE NOTICE (PCN)

ATTACHMENT 2 (cont'd) - PCN #: SG0703-02R1

Affected Part Numbers

STAC9752AXTAED1XR
STAC9753AXTAED1X
STAC9753AXTAED1XR
STAC9766XXTAEC1X
STAC9766XXTAEC1X
STAC9766XXTAEC1XR
STAC9767XXTAEC1X
STAC9767XXTAEC1XR
STAC9750XXTAEC1X
STAC9750XXTAEC1XR
STAC9751XXTAEC1X
STAC9751XXTAEC1XR
STAC9752XXTAEB2X
STAC9752XXTAEB2XR
STAC9753XXTAEB2X
STAC9753XXTAEB2XR
STAC9758XXTAEB1X
STAC9758XXTAEB1XR
STAC9759XXTAEB1X
STAC9759XXTAEB1XR