



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

PRODUCT/PROCESS CHANGE NOTICE (PCN)

PCN #: **SG0703-04** DATE: **April 2, 2007**

Product Affected: See Listing in Attachment 2

MEANS OF DISTINGUISHING CHANGED DEVICES:

- ☒ Product Mark
☐ Back Mark
☐ Date Code
☐ Other

Date Effective: **July 2, 2007**

Contact: Bimla Paul
Title: Quality Assurance Manager
Phone #: (408)574-6419
Fax #: (408) 284-8362
E-mail: Bimla.Paul@idt.com

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- QFN 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

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 #: SG0703-04

PCN Type: Audio Codec Top Mark Format Change

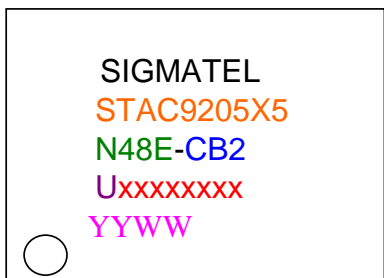
Data Sheet Change N/A

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

Example: **STAC9205X5NBE B2X** The PCN details data location only, chip outline is not to scale and actual device marking is not in color.

Sigmatel Marking

FROM:



IDT Marking

TO:



Details:

Line 1: Replaced SIGMATEL name with IDT name

Line 2: Part number line, no change

Line 3: 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 48pad QFN (VFQFP)	N48E	NLG	NBE

Line 4: Lot code replaced by IDT format.

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

Line 5: removed date code and is added to the lot code line



PRODUCT/PROCESS CHANGE NOTICE (PCN)

ATTACHMENT 2 - PCN #: SG0703-04

Affected Part Numbers

STAC9204D3NBEB2X
STAC9204D3NBEB2XR
STAC9204D5NBEB2X
STAC9204D5NBEB2XR
STAC9204X3NBEB2X
STAC9204X3NBEB2XR
STAC9204X5NBEB2X
STAC9204X5NBEB2XR
STAC9205D3NBEB2X
STAC9205D3NBEB2XR
STAC9205D5NBEB2X
STAC9205D5NBEB2XR
STAC9205X3NBEB2X
STAC9205X3NBEB2XR
STAC9205X5NBEB2X
STAC9205X5NBEB2XR