



# Product Change Notification

## 110799 - 01

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Should you have any issues with the timeline or content of this change, please contact the Intel Representative(s) for your geographic location listed below. No response from customers will be deemed as acceptance of the change and the change will be implemented pursuant to the key milestones set forth in this attached PCN.

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# Product Change Notification

**Change Notification #:** 110799 - 01  
**Change Title:** Intel® Desktop Board DH61AG, Boxed and Bulk  
PCN 110799-01, Product Design  
Enhancement to internal audio surround header, and CPU Socket Cover Change,  
**Reason for Revision: Remove BIOS update**  
**Date of Publication:** August 2, 2011

## Key Characteristics of the Change:

Product Design

## Forecasted Key Milestones:

<b>Date Customer Must be Ready to Receive Post-Conversion Material:</b>	Aug 15, 2011
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## Description of Change to the Customer:

### Reason for Revision: Remove BIOS update

1. PCB is being updated to address the below functionality issue of the analog surround audio header.

Audio signals on the analog surround audio header are mirrored when configured for 7.1 surround mode on the initial revision of the Intel Desktop Board DH61AG. All signals on this header produce the assigned audio output. However the following signal paths are mixed:

Center-channel and side-surround-left audio paths:

- o Audio sent to center-channel can be heard out of center-channel as well as side-surround-left
- o Audio sent to side-surround-left can be heard out of side-surround-left as well as center-channel

LFE (or subwoofer) and side-surround-right audio paths:

- o Audio sent to LFE can be heard out of LFE as well as side-surround-right
- o Audio sent to side-surround-right can be heard out of side-surround-right as well as LFE

There are no functional issues due to this other than the unintended mixed audio from the aforementioned channels under 7.1 surround mode. The side-surround channels from this board header are only supported under 7.1 surround configuration.

2. **BIOS will not be updated at this time.**

3. The CPU socket will be changed to the ILM version cover.

Current socket with PNP cover



New socket with ILM cover



### Customer Impact of Change and Recommended Action:

This change has been thoroughly evaluated to ensure that there are no quality, reliability or functional implications to our customers. Intel is not recommending additional qualification of these changes on platforms received from Intel.

Intel will attempt to deplete pre-conversion material before shipping post-conversion material but there is a possibility of Intel shipping mixed inventory. Therefore, customers will need to manage and migrate to the post-conversion material as soon as possible.

Milestone dates are estimates and subject to change based on business and operational conditions.

### Products Affected / Intel Ordering Codes:

Product Code	MM#	Pre Change AA	Post Change AA
BOXDH61AG	912764	G23736-400	G23736-500
BLKDH61AG	912765	G23736-400	G23736-500

### PCN Revision History:

**Date of Revision:**

July 13, 2011

August 2, 2011

**Revision Number:**

00

01

**Reason:**

Originally Published PCN

Remove BIOS update