



Product Change Notification

104587 - 00

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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 #: 104587 - 00
Change Title: DI0408LSAR2, DI0408LSAR2JP,
DI0408LSAR2EU, DI0408LSAR2I,
DI0408LSAR2EUI, DI0408LSAR2JPI, PCN
104587-00, FYI, Replace DSP timing
hardware fix with a more robust software fix
Date of Publication: February 17, 2005

Type of Change Notification:
FYI - (For Your Information)

Key Characteristics of the Change:
Product Design

Forecasted Key Milestones:

Date Customer Must be Ready to Receive Post-Conversion Material:	Mar 18, 2005
Date of First Availability of Post-Conversion Material:	Mar 18, 2005

The date of "First Availability of Post-Conversion Material" is the projected date that a customer may expect to receive the Post-Conversion Materials. This date is determined by the projected depletion of inventory at the time of the PCN publication. The depletion of inventory may be impacted by fluctuating supply and demand, therefore, although customers should be prepared to receive the Post-Converted Materials on this date, Intel will continue to ship and customers may continue to receive the pre-converted materials until the inventory has been depleted.

Description of Change to the Customer:

Previously a hardware modification, requiring the addition of two components to the board, was made to eliminate the possibility of a download failures resulting from DSP Data Read setup timing violation. (refer to PCN 104086-00)

A robust software solution which adds DSP wait states to eliminate the timing problem is now being implemented in place of the hardware fix. The product will incur no physical damage by using boards with the hardware change and System software that has the additional DSP wait states or using boards without the hardware change and System software that does not have the additional DSP wait states. In the latter case the proper System Software will need to be downloaded for the boards to operate correctly.

Customer Impact of Change and Recommended Action:

This change has been thoroughly evaluated including field testing to ensure that it does not have any negative functional implications to our customer.

Customers using the new boards (without the hardware fix) need to be using the version of system software that contains added DSP wait

states. The Windows® system software with the added DSP wait states are identified as:

System Release- Intel® Dialogic® System Release 5.1.1 Feature Pack 1 Service Update build 34 or later which is located at <http://developer.intel.com/design/telecom/support/> Use the link stating: Download Intel® Dialogic® System Release 5.1.1 Feature Pack 1 Service Update xx

System Release- Intel® Dialogic® System Release 6.0 PCI for Windows Service Update build 10 or later which is located at <http://developer.intel.com/design/telecom/support/> Use the link stating: Download Intel® Dialogic® System Release 6.0 PCI for Windows Service Update xx

Any future System Releases beyond 6.0 that support the DIO408LSAR2 product will contain the added DSP wait states.

Please review the TA/CA numbers of the affected DI0408LSAR2 boards listed below.

Products Affected / Intel Ordering Codes:

Board Products Table

Affected Product Code	Affected MM#	Pre-Change TA#	Post-Change TA#	Pre-Change CA#	Post-Change CA#
DI0408LSAR2	858167	C75441-001	C75441-002	96-1069-004	C95886-001
DI0408LSAR2JP	858168	C75530-001	C75530-002	96-1069-004	C95886-001
DI0408LSAR2EU	858169	C48696-003	C48696-004	C48697-002	C48697-003
DI0408LSAR2I	858547	C61024-002	C61024-003	C61207-001	C61207-002
DI0408LSAR2JPI	858548	C61025-002	C61025-003	C61207-001	C61207-002
DI0408LSAR2EUI	858549	C61027-002	C61027-003	C61381-001	C61381-002

Reference Documents / Attachments:

Document:

Location #:

Intel® Dialogic® System Release 5.1.1 Feature Pack 1 Service Update build 34 or later <http://developer.intel.com/design/telecom/support/>

Intel® Dialogic® System Release 6.0 PCI for Windows Service Update build 10 or later <http://developer.intel.com/design/telecom/support/>

PCN Revision History:

Date of Revision:

Revision Number:

Reason:

February 17, 2005

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Originally Published PCN