



Product Change Notification

105631 - 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 #: 105631 - 01
Change Title: SE7221BK1, PCN 105631-01, FYI, CLASS 2:
Signal Integrity Enhancement Near CPU
Date of Publication: December 06, 2005

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

Key Characteristics of the Change:
Product Design

Forecasted Key Milestones:

	Board Sku	System Sku
Date of First Availability of Post-Conversion Material:	Nov 18, 2005	Dec 14, 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:

A single capacitor addition is being added to address a very low percentage (less than 1%) of Intel® Server Board SE7221BK1-E (PBA number XXXXXX-407) experiencing hang failures. Root cause of the affected units was determined to be noise introduced into the CPU VRM by marginal components. A 1000pF capacitor was added to the CPU VRM circuitry to increase its signal integrity properties.

Customer Impact of Change and Recommended Action:

Customers should perform standard validation prior to shipping updated server boards.

Products Affected / Intel Ordering Codes:

Board Products Table

Affected Product Code	Pre-Change MM#	Post-Change MM#	Pre-Change TA or AA	Post-Change TA or AA	Pre-Change PBA	Post-Change PBA
BBKBB	869753	869753	C81521-407	C81521-408	C67508-407	C67508-408
BBKBBLX	869754	869754	C81523-407	C81523-408	C78048-407	C78048-408
SC78048	865062	865062	C82378-407	C82378-408	C78048-407	C78048-408
SE7221BK1	862082	862082	C74673-006	C74673-007	C67508-407	C67508-408
SE7221BK1LX	862069	862069	C82738-004	C82738-005	C78048-407	C78048-408

System Products Table

Affected Product Code	Pre-Change MM#	Post-Change MM#	Pre-Change TA	Post-Change TA	Pre-Change Subassembly	Post-Change Subassembly
SR1425BK1	864466	864466	C79705-007	C79705-008	C78048-407	C78048-408

Reference Documents / Attachments:**Document:****Location #:****PCN Revision History:****Date of Revision:**

November 11, 2005

December 6, 2005

Revision Number:

00

01

Reason:

Originally Published PCN

Updated to include SR1425BK1