



Product Change Notification

106305 - 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 #: 106305 - 00
Change Title: SR1425BK1 and SR1425BK1NA, PCN 106305-00, Product Material, Class 2, System board replacement with the C78048-450
Date of Publication: May 09, 2006

Key Characteristics of the Change:

Product Material

Forecasted Key Milestones:

Date Customer Must be Ready to Receive Post-Conversion Material:	May 31, 2006
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Description of Change to the Customer:

The Intel SR1425BK1 server system baseboard is being replaced with the C78048-450 version of the Intel SE7221BK1 system board. This system board is RoHS compliant and is part of the upgrade migration of the SR1425BK1 server system.

Changes to the SE7221BK1 system board are as follows:

The Intel Server boards SE7221BK1-E are converting from a Leaded (Eutectic) Manufacturing Process to a Pb-Free manufacturing process and is supporting Intel's suppliers' conversion plan of removing lead from components.

Intel is driving this conversion to be aligned with the European Union legislation, which requires Restrictions on Hazardous Substances (RoHS) and bans lead after July 1, 2006 unless covered in and exemption. The Intel server boards described in this Product Change Notification will meet the Server Exemption, allowing leaded solder in the manufacturing process.

The process and component changes have no impact on product form, fit or function. Intel has successfully completed our standard suite of Functional and Qualification testing and has achieved eutectic equivalence.

In addition, there will be a number of component modifications including:

Reference Designators: C7E2, C4R2, C4P11, C4P5, C4P9, C4P6, C4R1, C4P2, C4P8, C4P3

Old Part: EMPTY

New Part: 10uF 0805 (QCI PN CH61001ME96)

Reference Designators: PC7D1, PC6C7, PC6C6, PC7C5, PC6C5, PC6C9, PC7D6, PC7C6, PC6C8, PC7D2, PC7D10, PC7D8, PC7D3, PC7C4, PC7E2, PC7C3, PC6C10, PC7C2
 Old Part: EMPTY
 New Part: 10uF 1206 (QCI PN CH61001K216)

Reference Designators: PC6C11,PC7D13
 Old Part: EMPTY
 New Part: 820uF OSCON (QCI PN CC7820JMD20)

Reference Designators: C22
 Old Part: EMPTY
 New Part: 1000pF (QCI PN CH21006J0A5)

Reference Designators: PQ8B2, PQ8C2, PQ8D2
 Old Part: On Semi FET (QCI PN BAM60N00Z08)
 New Part: EMPTY

Reference Designators: PC7B1, PC9B4, PC9C2, PC9C5
 Old Part: 1500uF OSCON (QCI PN CC81503MD20)
 New Part: 1200uF OSCON (QCI PN CC81203MD02)

Reference Designators: C8C2, C8D3, C9B1
 Old Part: 10uF (QCI PN CH61004M291)
 New Part: EMPTY

Reference Designators: PQ9E1
 Old Part: On Semi NTD60N02RT4 (QCI PN BAM60N00Z08)
 New Part: Fairchild FDD8896 (QCI PN BAM88960001)

Reference Designators: PR9B11, PR9B14, PR9B16
 Old Part: 100Kohm (QCI PN CS41003F908)
 New Part: 120Kohm (QCI PN CS41203F905)

Reference Designators: C6D8
 Old Part: 22uF (QCI PN CH62201M294)
 New Part: 10uF (QCI PN CH61001K216)

Customer Impact of Change and Recommended Action:

These changes are NOT expected to affect the Microsoft* Windows* operating systems or Linux* operating systems software driver stack. The changes have been thoroughly evaluated to ensure that there is no quality, reliability or functional implications to our customers.

There is no significant impact on product/process/material performance, quality, reliability, interchangeability, functionality or customer handling and manufacturability.

Products Affected / Intel Ordering Codes:

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	C79705-013	C79705-014		
SR1425BK1NA	866318	866318	C79705-013	C79705-014		

Reference Documents / Attachments:

Document:

Location #:

PCN Revision History:

Date of Revision:

May 9, 2006

Revision Number:

00

Reason:

Originally Published PCN