



Product Change Notification

106312 - 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 #: 106312 - 01
Change Title: SRCSAS18E, PCN 106312-01, Product Material, CLASS 1: Conversion to Pb-Free Requirements, Update Packaging, Reason for Revision: Change in Firmware Version to 1.02.00-0105
Date of Publication: September 28, 2006

Key Characteristics of the Change:

Product Material

Forecasted Key Milestones:

| | |
|-------------------------------------------------------------------------|--------------|
| Date Customer Must be Ready to Receive Post-Conversion Material: | Nov 01, 2006 |
|-------------------------------------------------------------------------|--------------|

Description of Change to the Customer:

Reason for Revision: Change in Firmware Version to 1.02.00-0105

The Intel Server RAID product SRCSAS18E is 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.

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.

Update RAID controller firmware in the factory to 1.02.00-0105 and update default settings to include 'PDFailHistory = 1' that affects how the fault LED operates. With PDFailHistory set to 1, the fault LED will follow the drive if it is inserted into a slot, rather than staying with the slot. So when a failed drive is removed, the fault LED goes out. If a new drive is inserted in the same slot, the LED will stay out and the drive is marked as Unconfigured Good, and auto-rebuild will start and the LED will go amber during rebuild. If the failed drive is inserted into another slot, the drive will be marked Unconfigured Bad and the fault light will turn on; update RAID controller packaging; update CDA contents to include the latest drivers, utilities, and documentation; update the Attention Document with the current errata list.

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. Intel is not recommending additional qualification of these changes on platforms received from Intel. Customers may wish to perform testing and update their documentation for the latest drivers, utilities and documentation.

There will be a change to Intel ordering codes for this product.

Products Affected / Intel Ordering Codes:

| Board Products Table | | | | | | |
|-----------------------|----------------|-----------------|---------------|----------------------|----------------|-----------------|
| Affected Product Code | Pre Change MM# | Post Change MM# | Pre Change AA | Post Change TA or AA | Pre Change PBA | Post Change PBA |
| SRCSAS18E 874656 | 874656 | 879066 | D29974-001 | D46199-001 | D29815-100 | D29815-150 |

Reference Documents / Attachments:

Document:

Location #:

PCN Revision History:

Date of Revision:

Revision Number:

Reason:

May 11, 2006

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Originally Published PCN

September 28, 2006

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Change in Firmware Version to
1.02.00-0105