



Product Change Notification

107173 - 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 #: 107173 - 01
Change Title: S5000VSA, PCN 107173-01, Product Design, Class 1, Board PBA change, BIOS/BMC/FRUSDR update, GTL change, Memory VR change, and Removal of Secondary 4M Flash Part. Reason for Revision: SIO A4 part availability, SAS LSI 1064E B2 stepping (NCQ) controller availability, new BIOS/BMC/FRUSDR forcing change in ECO class.
Date of Publication: March 15, 2007

Key Characteristics of the Change:

Product Design

Forecasted Key Milestones:

Date Customer Must be Ready to Receive Post-Conversion Material:	Apr 16, 2007
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Description of Change to the Customer:

Reason for Revision: SIO A4 part availability, SAS LSI 1064E B2 stepping controller availability, new BIOS/BMC/FRUSDR forcing change in ECO class.

The Intel(R) Server Board S5000VSA PBA is changing from -714 to -715.

The board BIOS revision is changing from BIOS R0068 to BIOS R0074

The board BMC revision is changing from SPBMC56 to SPBMC58

The board FRUSDR revision is changing from FSP_36 to FSP_37

The GTL2007 (device U5J1) is changing to GTL2107.

Resistors R4J16 and R6W1 are changing from 470 ohms to 4.7K ohms, 0603, 5% tolerance.

Resistors R5J14, R6J12, R5J16, R6J9, R4E3 will be installed using 1.5K ohms, 0402, 5% tolerance resistors.

The VR resistors (R5D2, R5D5) are changing as follows:

R5D2 9.76K ohms changing from 1% to 0.1%

R5D5 10.2K ohms changing from 1% to 0.1%

The secondary unused 4MB flash part (U2F1) is being removed (Empty U2F1, R2F3, C8T3)

Other core changes include changing (1) R1D6 from 1K ohm to 4.7K ohm, 0402, 5% tolerance and (2) R8V12 from 8.2K ohms 4.7K ohms, 0404, 5% tolerance.

Customer Impact of Change and Recommended Action:

No impact to customer is projected. However, standard validation at customer site is highly recommended

Products Affected / Intel Ordering Codes:

Pre Change Product Code	Pre Change MM#	Pre Change TA	Pre Change PBA	Post Change MM#	Post Change TA	Post Change PBA
BSA2BB	888099	D56803-007	D29137-714	890676	D56803-008	D29137-715
BSA2VBB	888100	D60287-007	D52032-714	890678	D60287-008	D52032-715
BSA2SASBB	888102	D57131-005	D57587-714	890680	D57131-006	D57587-715
S5000VSASATA	885885	D57139-007	D29137-714	885885	D57139-008	D29137-715
S5000VSA4DIMM	885886	D57134-007	D52032-714	885886	D57134-008	D52032-715
S5000VSASCSI	885888	D57140-007	D29137-714	885888	D57140-008	D29137-715
S5000VSASAS	886310	D57136-005	D57587-714	886310	D57136-006	D57587-714

Reference Documents / Attachments:

Document: _____ **Location #:** _____

PCN Revision History:

Date of Revision:	Revision Number:	Reason:
January 10, 2007	00	Originally Published PCN
March 15, 2007	01	SIO part availability, SAS LSI 1064E B2 stepping controller availability, new BIOS/BMC/FRUSDR forcing change in ECO class.