



Product Change Notification

106279 - 03

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Product Change Notification

Change Notification #: 106279 - 03
Change Title: SR4850HW4M, SHW4URM3SA, SR6850HW4M and SHW6URM3SA, PCN 106279-03, Product Design, CLASS 1: Main board changes, Reason for Revision: Table contains incorrect MM# for BHWBASEM
Date of Publication: October 02, 2006

Key Characteristics of the Change:
Product Design

Forecasted Key Milestones:

Date of Samples Availability:	Jul 07, 2006
Date Customer Must be Ready to Receive Post-Conversion Material:	Sep 29, 2006

Description of Change to the Customer:

Reason for Revision: Table contains incorrect MM# for BHWBASEM

SR4850HW4M (SHW4URM)

- Change the MM# from 877222 to 879454
- Change top assembly part number from D35286-004 to D35286-005
- Change the main board part number from D22177-553 to D22177-602

SHW4URM3SA

- Change the MM# from 881586 to 886995
- Change top assembly part number from D46299-001 to D46299-002
- Change the main board part number from D22177-553 to D22177-602

SR6850HW4M (SHW6URM)

- Change the MM# from 877219 to 879452
- Change top assembly part number from D35289-002 to D35289-003
- Change the main board part number from D22177-553 to D22177-602

SHW6URM3SA

- Change the MM# from 881402 to 887385
- Change top assembly part number D46296-001 rolls to D46296-002

Change the main board part number from D22177-553 to D22177-602

BHWBASEM

Change the MM# from 876150 to 885977

Change top assembly part number from D30271-553 to D30271-602

Change the main board part number from D22177-553 to D22177-602

1. Changed the V3V3_standby_pg (power good) signal used by the Raid Smart Battery from voltage source to current.
2. Added circuitry to the VRD to keep the VRD off when the socket is not populated.
3. Add space for four additional capacitors to the main board to allow debouncing code to be removed from the PLD and done via hardware. This will allow future enhancements to the PLD to be done easier should they be necessary.
4. Update BIOS to P10
5. Update ROMB firmware to 514P

Customer Impact of Change and Recommended Action:

No significant impact on product/process/material performance, appearance, quality, reliability, interchangeability, functionality or customer handling and manufacturability.

Products Affected / Intel Ordering Codes:

Affected Product Code	Pre Change MM#	Post Change MM#	Pre Change TA	Post Change TA	Pre Change Sub Assembly	Post Change Sub Assembly
SHW6URM	877219	879452	D35289-002	D35289-003	D22177-553	D22177-602
SHW4URM	877222	879454	D35286-004	D35286-005	D22177-553	D22177-602
SHW6URM3SA	881402	887385	D46296-001	D46296-002	D22177-553	D22177-602
SHW4URM3SA	881586	886995	D46299-001	D46299-002	D22177-553	D22177-602

Affected Product Code	Pre Change MM#	Post Change MM#	Pre Change AA	Post Change TA or AA	Pre Change PBA	Post Change PBA
BHWBASEM	876150	885977	D30271-553	D30271-602	D22177-553	D22177-602

Reference Documents / Attachments:

Document:

Location #:

PCN Revision History:

Date of Revision:	Revision Number:	Reason:
May 23, 2006	00	Originally Published PCN
August 11, 2006	01	Add P10 BIOS. Add ROMB FW. Change implementation date. Add SHW4URM3SA and SHW6URM3SA servers.
September 28, 2006	02	Update new MM number, Top Assembly number and Part number. Added circuitry to the VRD. Change the standby power good signal used by Raid Smart Battery
October 2, 2006	03	Table contains incorrect MM# for BHWBASEM