



## Material Declaration Data Sheet

Product: **Server System SR6850HW4M**

Manufacturer: Intel Corporation

Note: This declaration applies to all associated product codes noted on Page 2

Lead Free (Pb) Product: **NO**

Date: June 21, 2006

### Restriction on Hazardous Substances (RoHS) Compliance

#### RoHS Definition

- Quantity limit of 0.1% by mass (1000PPM) for: Lead (Pb), Mercury, Hexavalent Chromium, Polybrominated Biphenyls (PBB), Polybrominated Diphenyl Ethers (PBDE)
- Quantity limit of 0.01% by mass (100 PPM) for: Cadmium

Intel understands RoHS requires: Lead and other materials banned in the RoHS Directive are either (1) below all applicable substance thresholds as proposed by the EU or (2) an approved/pending exemption applies. (Note: RoHS implementing details are not fully defined and may change.)

#### RoHS Declaration

- 1. Lead in glass of cathode ray tubes, electronic components and fluorescent tubes.
- 2. Lead as an alloying element in steel containing up to 0.35 % lead by weight.
- 3. Lead as an alloying element in aluminum containing up to 0.4 % lead by weight.
- 4. Lead as an alloying element in copper containing up to 4 % lead by weight.
- 5. Lead in high melting temperature type solders (i.e. lead based alloys containing 85 % by weight or more lead)
- 6. Lead in solders for servers, storage and storage array systems, network infrastructure equipment for switching, signaling, transmission as well as network management for telecommunications.
- 7. Lead in electronic ceramic parts (e.g. piezoelectronic devices).
- 8. Lead used in compliant pin connector systems.
- 9. Lead as a coating material for the thermal conduction module c-ring.
- 10. Lead in optical and filter glass.
- 11. Lead in solders consisting of more than two parts for the connection between the pins and the package of microprocessors with a lead content of more than 80% and less than 85% by weight.
- 12. Lead in solders to complete a viable electrical connection between semiconductor die and carrier within integrated circuit Flip Chip packages.
- 13. Cadmium in optical and filter glass.
- 14. Cadmium and its compounds in electrical contacts and cadmium plating except for applications banned under Directive 91/338/EEC (\*) amending Directive 76/769/EEC (\*\*) relating to restrictions on the marketing and use of certain dangerous substances and preparations.
- 15. Lead in bronze bearing shells and brushes.
- 16. Other

Where the product is declared to meet RoHS requirements, it has been verified to be in conformance with 2002/95/EC as we currently understand the requirements. Intel has systems in place to verify conformance with all applicable environmental requirements and to the best of our knowledge the information is true and correct.

INTEL ACCEPTS NO DUTY TO UPDATE THIS DECLARATION OR TO NOTIFY USERS OF THIS DECLARATION OF UPDATES OR CHANGES TO THIS DECLARATION. INTEL SHALL NOT BE LIABLE FOR ANY DAMAGES, DIRECT OR INDIRECT, CONSEQUENTIAL OR OTHERWISE, SUFFERED BY USERS OR THIRD PARTIES AS A RESULT OF THE USERS RELIANCE ON INFORMATION IN THIS DECLARATION THAT HAS BEEN UPDATED OR CHANGED.

# Product Code Information



| Product Code  | Description                                 | *RoHS Exemption # |
|---------------|---|-------------------|
| AHW4UPCISCSI  | PROD CODE, PCI SCSI CABLE, 800T             | ,6                |
| AHW4UPWR      | PROD CODE, PS MODULE (15AMP 208)            | ,6                |
| AHW4UPWR23    | PROD CODE, PS MODULE (15AMP 208)            | ,6                |
| AHW4URBEZEL   | RACK BEZEL (BLACK) FOR SRHW4                | None              |
| AHW6UPBEZEL   | PEDESTAL BEZEL (BLACK) FOR 6U               | None              |
| AHW6UPEDKIT   | PROD CODE, 6U CHASSIS PED<br>CONVERSION KIT | ,2                |
| AHW6UPWR      | PROD CODE, PS MODULE (15AMP)                | ,6                |
| AHW6UPWR23    | PROD CODE, PS MODULE (15AMP)                | ,6                |
| AHW6UPWRFAN   | PROD CODE, ACTIVE PS FAN BLANK 6U           | ,6                |
| AHW6URBEZEL   | RACK BEZEL (BLACK) FOR 6U RACK              | None              |
| AHWEXTSCSI    | INTERNAL CABLE FOR EXTERNAL SCSI<br>PORT    | None              |
| AHWIMMADV2    | PROD CODE, IMM, ADV, HW, GOLD               | ,6                |
| AHWIMMPRO2    | PROD CODE, IMM, PRO, GOLD                   | ,6                |
| AHWINTSCSI    | INTERNAL SCSI CBL (TO 5.25" BAY )           | None              |
| AHWPCISCSI    | PROD CODE, PCI SCSI CABLE, 800T             | ,6                |
| AHWPROCBLANK  | INTEL CEK PROCESSOR HEATSINK                | ,2                |
| AHWPROCHS     | INTEL CEK PROCESSOR HEATSINK                | ,6                |
| AHWVRMCM      | DUAL-OUTPUT PROCESSOR VRM TULSA             | None              |
| AHWVRMPM      | 10.2 PROCESSOR VRM PAXVILLE MP              | None              |
| AXXBCPMOD2    | PROD CODE, BUTTON CONTROL MODULE            | ,6                |
| AXXCMA3U7U    | RACK CABLE MANAGEMENT ARM. 3U-7U<br>CHASSI  | None              |
| AXXLCPMOD2    | PROD CODE, LCD MOD, RACK                    | None              |
| AXXRAIL3U7U   | RACK RAILS FOR 3U-7U CHASSIS. J-HOOK<br>DE  | None              |
| AXXRAKU42E    | INTELR RAID ACTIVATION KEY                  | ,6                |
| BHW4DIMMM     | PROD CODE, MEMORY BOARD                     | ,6                |
| BHWBASEGPM05  | PROD CODE, BASEBOARD - GENERAL<br>PURPOSE   | ,6                |
| BHWBASEIOM05  | PROD CODE, BASEBOARD - IO<br>PERFORMANCE    | ,6                |
| BHWBASEM      | PROD CODE, BASEBOARD - IO PER, H800T        | ,6                |
| FHW6UCPSCSI   | CNTL PNL TO SCSI BP FOR SR6850HW4.<br>(50P) | None              |
| FHW6UFAN      | PROD CODE, SYSTEM FAN, 6U                   | ,6                |
| FHW6UFPSATA   | FRNT PNL AND SATA BUNDLE FOR<br>SR6850HW4   | ,6                |
| FHW6UFPSCSI   | FRNT PNL TO SCSI BP FOR SR6850HW4.<br>(34P) | ,6                |
| FHW6UFRTPNL   | PROD CODE, FRONT IO PANEL BOARD, 6U         | ,6                |
| FHW6UINTSCSIA | PROD CODE, INT SCSI CABLE, BP, A, 6U        | ,6                |
| FHW6UINTSCSIB | PROD CODE, INT SCSI CABLE, BP, B, 6U        | ,6                |
| FHW6UPBAYSCSI | PWR, PBAY TO SCSI BP FOR SR6850HW4.<br>(4P) | ,6                |
| FHW6UPCILATCH | PCI CARD HOLD DOWN LATCHES (8)              | ,6                |
| FHW6UPDB      | PROD CODE, POWER DISTRIBUTION<br>BOARD, 6U  | ,6                |
| FHW6UPRODUCT  | PROCESSOR AIR DUCT FOR SR6850HW4.           | ,6                |
| FHW6USATASCSI | SATA TO SCSI BP FOR SR6850HW4. (PWR)        | ,6                |

|               |   |      |
|---------------|---|------|
| FHW6USCSIBP   | PROD CODE, SCSI BACKPLANE,6U            | ,6   |
| FHWINTRU      | INTRUSION SWITCH SR4850HW4<br>SR6850HW4 | ,6   |
| FHWPCIDIVIDER | PCI DIVIDERS                            | ,6   |
| FHWSATAIDE    | SATA TO IDE BRIDGE                      | ,6   |
|               |   |      |
| AXXRSBBU3     | PROD CODE,AXXRSBBU3,BATTERY             | None |
|               |   |      |
|               |   |      |
|               |   |      |

\* RoHS Exemption # corresponds with exemption #'s found on page 1.