

30 March 2009

**Avago Technologies
Product Material Declaration (Certificate of Compliance)**

A) The following products are RoHS compliant:

Summary of Avago Technologies RoHS compliant Products (30 March 2009, Rev03)

Avago p/n	Product Description	Compliant after Date/Date code:
HLMP-AB/AD/AG/AL/AMxx	Through Hole Lamps	24th Nov 04
HLMP-BB/BD/BG/BH/BJ/BL/BMxx		
HLMP-CB/CE/CM/CW/CYxx (except HLMP-Cxx8/9)		
HLMP-DLxx		
HLMP-ED/EG/EH/EJ/ELxx		
HLMP-FB/FD/FH/FL/FM/FWxx		
HLMP-GG/GH/GLxx		
HLMP-HB/HD/HG/HH/HL/HMxx (except HLMP-Hxx8/9)		
HLMP-KWxx		
HLMP-LB/LD/LH/LL/LM/LWxx		
HLMP-MD/MLxx		
HLMP-RB/RD/RG/RL/RMxx		
HLMP-SD/SL/SMxx		
HLMP-WG/WLxx		
HSMx-Axxx-xxxxx	Surface Mount PLCC LED	Always compliant
ASMC-PxB9-Txxxx		
ASMC-QxB2-Txxxx/Fxxxx		
ASMT-QWB2-Nxxxx		
ASMT-QTB2-xxxxx		
ASMT-SWxx-Nxxxx		
ASMT-QxBB-Nxxxx		
ASMT-Mx00	High Power LED	27th March 06
ADJD-MJxx	Color Management IC	23rd June 04
HDJD-J822-SCR00		8th Aug 05
QDJD-J821-SCR00		
ADJD-J823	Color Sensor	22nd Sept 04
HDJD-S831-QT333		18th Nov 04
HDJD-S722-QR999		27th Feb 06
ADJD-E622-QR999		12th Dec 05
ADJD-S313-QR999		16th June 06
ADJD-S312-CR999		

Note:

- (1) "xxxx" in part number and suffix option denotes alphanumeric character, representing generic part number.
- (2) The 4x4 part number that appears in this declaration may actually consist of additional option – "xxxx" which is not shown here.

This document certifies that the components of the part numbers identified above and manufactured by Avago Technologies are in compliance with Directive 2002/95/EC of the European Parliament, in accordance with the definitions therein, and of the Council of 27 January 2003 on the restriction of the use of certain hazardous substances in electrical and electronics equipment (RoHS Directives).

B) Absence of Hazardous Substances

Our material composition policy is to declare all substances intentionally added in our products. Additionally we confirm the following regulated substances known to be in electronics are not intentionally added or knowingly present in our semiconductor products:

Asbestos, Azo Colorants, Cadmium and its compounds, Hexavalent Chromium and its compounds, Mercury and its compounds, Ozone Depleting Substances (CFCs, HCFCs, HBFCs, carbon tetrachloride, etc.), Tributyl Tin Oxide (TBTO), Tributyl Tin (TBT) and Triphenyl Tin (TPT), Polychlorinate Biphenyls (PCBs), Polychlorinate Terphenyls (PCTs), Polychlorinated Naphthalenes (more than 3 chlorine atoms), Short chain Chlorinated Paraffins (SCCPs), Polybrominated biphenyls (PBBs), Polybrominated diphenylethers (PBDEs) **including Deca BDE** and Radio-active Substances

For product availability and compliance information, please contact Avago distributors or Avago Sales & Marketing via rohs.enquiry-spg@avagotech.com. For product technical information (termination finish, temperature profile, product substance content etc.) please contact: pb-free.spg@avagotech.com.

This document further certifies that the materials declaration provided above by Avago Technologies is accurate.



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