

7 October 2010

Revised EU RoHS Exemptions

(EU Official Journal No. L251/28 on 24 September 2010)

Revised RoHS Exemption List

- With the release of EU Official Journal No. L251/28 on 24 September 2010, the Annex of Directive 2002/95/EC has been replaced with a new RoHS exemption list.

- Changes:

1) **DO NOT** impact Avago's products' RoHS compliance status

2) Re-numbering of some of the exemptions due to sub-division of certain exemptions for clearer and unambiguous wording

Here is the list of exemptions applicable to Avago's products showing old and new numbering:

Current		New	
Exempt #	Description	Exempt #	Description
5(c)	Lead in glass of cathode ray tubes, electronic components and fluorescent tubes.	7(c)-I	Electrical and electronic components containing lead in a glass or ceramic other than dielectric ceramic in capacitors, e.g. piezoelectronic devices, or in a glass or ceramic matrix compound.
6(c)	Lead as an alloying element in copper containing up to 4% lead by weight	6(c)	Copper alloy containing up to 4% lead by weight
7(a)	Lead in high melting temperature type solders (lead-based alloys containing 85% by weight or more lead)	7(a)	Lead in high melting temperature type solders (lead-based alloys containing 85% by weight or more lead)
7(b)	Lead in solders for servers, storage and storage array systems, network infrastructure equipment for switching, signalling, transmission as well as network management for telecommunications	7(b)	Lead in solders for servers, storage and storage array systems, network infrastructure equipment for switching, signalling, transmission and network management for telecommunications
8	Cadmium and its compound in electrical contacts and cadmium plating except for applications banned under directive 91/338/EEC (OJ No. L 186, 12 July 1991 p.59) amending directive 76/769/EEC (OJ No. L262, 27 Sep 1976 p. 201) relating to restrictions on the marketing and use of certain dangerous substances and preparations.	8(b)	Cadmium and its compounds in electrical contacts.
13	Lead and cadmium in optical and filter glass	13(a)	Lead in white glasses used for optical applications.
15	Lead in solders to complete a viable electrical connection between semiconductor die and carrier within integrated circuit flip chip packages	15	Lead in solders to complete a viable electrical connection between semiconductor die and carrier within integrated circuit flip chip packages
23	Lead in finishes of fine pitch components other than connectors with a pitch of 0.65mm or less with NiFe lead frames and lead in finishes of fine pitch components other than connectors with a pitch of 0.65mm or less with copper lead frames.	23	Lead in finishes of fine pitch components other than connectors with a pitch of 0.65mm and less.
34	Lead in cermet-based trimmer potentiometer elements	34	Lead in cermet-based trimmer potentiometer elements

Pls refer to this URL for the official OJ with the new exemption list: <http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2010:251:0028:0034:EN:PDF>

For more enquiries on the RoHS exemptions, pls contact: rohs.enquiry-spg@avagotech.com

