

19 February 2019

Dear Valued Customer,

Broadcom Inc.

Product Material Declaration (Certificate of Compliance)

A) The following products are RoHS compliant under Exemption Annex:

Summary of Broadcom RoHS compliant Products under Exemption (February 19, 2019, Rev #2)

Broadcom P /N	Applicable Exemptions
Refer Appendix 1	6(a)-I, 6c, 7a, 7cI, 13a

This document certifies that the components of the part numbers identified above and manufactured by Broadcom are in compliance with *Directive 2011/65/EU of the European Parliament and of Council of 8 June 2011 and its amendment Directive (EU) 2015/863 of 31 March 2015* on the restriction of the use of certain hazardous substances in electrical and electronics equipment (RoHS Directives) under exemption Annex.

Above Part Number(s) are applicable to below applications use of lead which is exempted from the requirements of Article 4(1) EU RoHS (Please check the appropriate exemptions for the above listed Part Number(s)):-

6(a)-I	Lead as an alloying element in steel for machining purposes containing up to 0.35% lead by weight and in batch hot dip galvanised steel components containing up to 0.2% lead by weight.
6c	Copper alloy containing up to 4% LEAD by weight.
7a	LEAD in high melting temperature type solders (i.e. lead-based alloys containing 85 % by weight or more lead).
7c-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.
13a	LEAD in white glasses used for optical applications.

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) and Radio-active Substances

Please note that if a order includes any non-lead-free products, they may not comply with the RoHS Directive. If non-compliant parts in end products are used and do not have an exemption available, that use could be a potential violation of the RoHS Directive. If Broadcom ships on request such non-compliant products pursuant to respective orders, Broadcom will not be liable for any RoHS Directive-related costs, damages, fines, fees or other costs of any kind incurred as a result of the incorporation of these products into end products

For product availability and compliance information as well as product technical information (termination finish, temperature profile, product substance content etc.), please contact Broadcom distributors or Broadcom Sales & Marketing. For product environment compliance related please contact via rohs.enquiry-spg@broadcom.com.

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



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Appendix 1

Product Number	Exemptions
BR-6520-48-16G-F	6(a)-I, 6c, 7a, 7cI, 13a
BR-6520-48-16G-R	6(a)-I, 6c, 7a, 7cI, 13a
BR-6520-48-8G-F	6(a)-I, 6c, 7a, 7cI, 13a
BR-6520-48-8G-R	6(a)-I, 6c, 7a, 7cI, 13a
BR-6520-96-16G-R	6(a)-I, 6c, 7a, 7cI, 13a
XBR-6520-48-F	6(a)-I, 6c, 7a, 7cI
XBR-6520-48-R	6(a)-I, 6c, 7a, 7cI
XBR-6520-96-R	6(a)-I, 6c, 7a, 7cI
BR-ENTPOD-01	6c, 7cI, 13a
SM-6520-48-16G-R	6(a)-I, 6c, 7a, 7cI, 13a
SM-6520-48-R-0	6(a)-I, 6c, 7a, 7cI, 13a
SM-6520-48-R	6(a)-I, 6c, 7a, 7cI, 13a
XBR-1100WPSAC-F	6c, 7a, 7cI
XBR-1100WPSAC-R	6c, 7a, 7cI