

Declaration by Schaltungsdruck Storz GmbH + Co KG on the following EU environmental directives:

Directive 2011/65/EU (RoHS)

The aforementioned directive definitively prohibits the use of the following substances from 03.01.2013 if they exceed the maximum permissible concentration of 0.1%, or 0.01% in the case of cadmium:

Lead (Pb)
Cadmium (Cd)
Mercury (Hg)
Chromium-VI (Cr-VI)
Polybrominated biphenyls (PBB)
Polybrominated diphenyl ethers (PBDE)
Di(2-ethylhexyl) phthalate (DEHP)
Butyl benzyl phthalate (BBP)
Dibutyl phthalate (DBP)
Diisobutyl phthalate (DIBP)

This list includes the substances supplemented by **Directive 2015/863/EU**.

Schaltungsdruck Storz GmbH + Co KG hereby declares that all its products comply with the above guidelines and that the substances listed therein are neither part of the base materials* used in the printed circuit board and its coatings, nor are they used in its manufacture, provided that the required surface finish does not contain Pb.

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*: The FR-4 materials used as standard in our company fulfill these guidelines, even if they are not "halogen-free", as brominated resins are added to these base materials during the production process as flame retardants (tetrabromobisphenol, TBBA) to achieve flame retardancy class UL94 V-O (approx. 8 % by weight). TBBA is a reactive flame retardant in which the bromine is no longer a separable component of the polymer matrix. It is important to note that neither the pure TBBA nor the brominated epoxy resin produced from it belong to the PBB or PBDE class.