



MACOM Technology Solutions Inc.,
100 Chelmsford Street,
Lowell,
MA, 01851,
United States of America

EU RoHS Directive Statement

MACOM Technology Solutions is committed to compliance with the EU RoHS Directive 2011/65/EU, on the restriction of the use of certain hazardous substances in electrical and electronic equipment (“EEE”), which took effect in January 2013.

The EU RoHS Directive stipulates that EEE must not contain above 0.1% (except for cadmium which is limited to 0.01%) by weight of homogeneous material of the restricted substances. However, the legislation includes certain exemptions, where a restricted substance can be used above the threshold in certain applications. Electronic equipment for use in military and space applications is excluded from the scope of the legislation.

MACOM products are considered to be components under the Directive. Therefore the provisions regarding CE Marking, EU declaration of Conformity, and internal production control, as stipulated in Article 2 of the Directive are not applicable.

Some MACOM products use the following valid exemptions regarding the use of lead;

- 6(a)-1: 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
- 6(c): Copper alloy containing up to 4 % lead by weight
- 7(a): Lead in high melting temperature type solders (i.e. lead-based alloys containing 85 % by weight or more lead)
- 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
- 15: Lead in solders to complete a viable electrical connection between the semiconductor die and carrier within integrated circuit flip chip packages where at least one of the following criteria applies:
 - a semiconductor technology node of 90 nm or larger;
 - a single die of 300 mm² or larger in any semiconductor technology node;
 - stacked die packages with die of 300 mm² or larger, or silicon interposers of 300 mm² or larger

MACOM products are also compliant with Commission Delegated Directive 2015/863, which includes 4 additional substances within the EU RoHS Directive restrictions and we are adapting our processes in order to manage compliance.

For more specific information, please contact product_compliance@macom.com.

Regards,

Therese Deane

Senior Manager, Compliance & Quality Systems