

Halogen Free / Green Compliance Declaration

July 20th 2023

MELEXIS Technologies NV hereby certifies that the product **MLX90642 (TO39 package)** is green compliant according to the below definition:

- Mentioned product is compliant with the requirements of Directive 2011/65/EU of the European Parliament and of the Council of 08 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment (recast) ([RoHS 2](#)) and amending Directive 2015/863/EU of the European Parliament and of the Council of 31 March 2015 ([RoHS 3](#)).

No Cadmium (Cd), Mercury (Hg), Hexavalent Chromium (Cr⁺⁶), Polybrominated biphenyl (PBB), Polybrominated diphenyl ether (PBDE), Bis(2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP) nor Diisobutyl phthalate (DIBP) is intentionally added to the product. Any trace impurities in the product are below the RoHS specified levels.

For Lead (Pb) exemption 7(c)-I is used.

- Mentioned product does not contain any halogenated and other below listed materials or else in negligible/ non detectable level according to the IEC 61249-2-21 definition

No Bromine (Br) or Chlorine (Cl) is intentionally added to the product. Any trace impurities in the product are below the specified levels.

- Mentioned product does not contain Antimony trioxide Sb₂O₃. No Sb₂O₃ is intentionally added to the product. Any trace impurities in the product are below the specified levels.

Substance	Thresholds
Pb	0.1% or 1000ppm
Hg	0.1% or 1000ppm
Cd	0.01% or 100ppm
Cr6+	0.1% or 1000ppm
Polybrominated biphenyl (PBB)	0.1% or 1000ppm
Polybrominated diphenyl ethers (PBDE)	0.1% or 1000ppm
Bis(2-ethylhexyl) phthalate (DEHP)	0.1% or 1000ppm
Butyl benzyl phthalate (BBP)	0.1% or 1000ppm
Dibutyl phthalate (DBP)	0.1% or 1000ppm
Diisobutyl phthalate (DIBP)	0.1% or 1000ppm
Bromine (Br)	0.09% or 900ppm
Chlorine (Cl)	0.09% or 900ppm
Total concentration of Br and Cl	0.15% or 1500ppm
Antimony trioxide	0.09% or 900ppm

Exemption Used: 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

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For further communication please contact
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