

Certificate of RoHS_REACH Compliance

Sunstone Circuits, LLC hereby certifies that all product manufactured by Sunstone with the specified surface finish of “Silver, ENIG, All Gold, or Bare Copper” are in compliance with the Restriction of Hazardous Substances (RoHS) RoHS 3 (EU directive 2015/863).

RoHS 3 (EU directive 2015/863)

- Cadmium(Cd): 0.01%
- Mercury: 0.1%
- Lead(Pb) : 0.1%
- Hexavalent chromium (Cr6+) : 0.1%
- Polybrominated biphenyls (PBB): 0.1 %;
- Polybrominated diphenyl ethers (PBDE): 0.1 %
- Bis(2-Ethylhexyl) phthalate (DEHP): 0.1% ([added in 2015](#));
- Benzyl butyl phthalate (BBP): 0.1% ([added in 2015](#));
- Dibutyl phthalate (DBP): 0.1% ([added in 2015](#));
- Diisobutyl phthalate (DIBP): 0.1% ([added in 2015](#)).

REACH 233 (Restricted Substance List January 17th, 2023)

In compliance with REACH Directives which is the European Community Regulation on chemicals and their safe use (REACH Regulation (EC) No 1907/2006), Sunstone Circuits, LLC assures its customers that all Sunstone products, except products selected with Tin/Lead finishes, meet the following requirements pertaining to the 233 SVHCs (Substances of Very High Concern), where such products do not contain any of these SVHC in excess of 0.1% by weight (Article 33).

Sunstone Circuits, LLC certifies that some products selected with Tin/Lead surface finish, do contain the Substances of Very High Concern (SVHC's). It should be noted that SVHC items are not banned from inclusion, but are reportable per current REACH regulations.

Substance identity and safe handling for Lead is published at: <https://echa.europa.eu/substance-information/-/substanceinfo/100.028.273>

The Candidate list is also published at: <http://echa.europa.eu/web/guest/candidate-list-table>

Sunstone Circuits, LLC will continue to comply with REACH requirements and notify customers of any change in article content.

Sincerely,

Kevin Beattie

Kevin Beattie
Quality Assurance Manager
Sunstone Circuits, LLC