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Monolithic Power Systems Environmental Compliance Declaration

Since 2006, Monolithic Power Systems, Inc. (MPS) products have been environmentally friendly, from raw material to finished products. MPS assures that the substances listed below are not included/far below limitation in the products or in the packaging materials, such as reel, tape, moisture barrier bag, and inner or outer boxes.

MPS states that it is compliant with:

- EU ROHS Directive 2011/65/EU of the European Parliament and of the Council of 8 June 2011 on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment and its subsequent amendments (latest amending by Directive 2015/863/EU)
http://ec.europa.eu/environment/waste/rohs_eee/legis_en.htm
- Regulation (EC) No 1907/2006, registration, Evaluation, Authorization and Restriction of Chemicals (REACH), REACH is first issued in June 2007 to ensure a high level of protection of human health and the environment.
<https://echa.europa.eu/regulations/reach/legislation>
REACH Annex XVII (Restrictions)
<https://echa.europa.eu/substances-restricted-under-reach>
Substances of Very High Concern defined in EU REACH Regulation, with latest REACH SVHC candidate List of June 25, 2025.
<http://echa.europa.eu/web/guest/candidate-list-table>
REACH Annex XIV (Authorization)
<https://echa.europa.eu/authorisation-list>
- EU Package Directive
Regulation (EU) 2025/40 of the European Parliament and of the Council of 19 December 2024 on packaging and packaging waste, amending Regulation (EU) 2019/1020 and Directive (EU) 2019/904, and repealing Directive 94/62/EC.
http://ec.europa.eu/environment/waste/packaging/index_en.htm
- For Halogen Free products, we are compliant with Halogen Free Initiative IEC 61249-2-21
- EU ELV Directive
Directive 2000/53/EC of the European Parliament and of the Council on end-of life vehicles and subsequent amendments (latest amending by Directive (EU) 2023/544)
http://ec.europa.eu/environment/waste/elv/legislation_en.htm
- China RoHS
GB/T 26572-2011
CNCA-RoHS-0101:2011

- China VOC regulation (*Only below regulation is applicable to MPS products*)
GB 33372-2020 Limit of volatile organic compounds content in adhesive

Poly- and perfluoroalkyl substances (PFASs)

- MPS keeps tracking PFAS legal developments, aiming to adhere to related laws & regulations.
- We collect supply chain PFAS containing details to understand challenges for the semiconductor industry, track PFAS-Free material development progress, listen to customer voice for PFAS expectations, and share related information with them upon request.

Monolithic Power Systems, Inc. (MPS) does not intentionally add chemicals in material with concentration that are controlled/prohibited by regulations below during the manufacturing of its packaged products. While analysis of the chemicals below is not routinely performed on the final product, we do not expect these substances to be present.

- Volatile Organic Compounds (VOCs)
- Regulation (EU) 2024/590 of the European Parliament and of the Council of 7 February 2024 on substances that deplete the ozone layer, and repealing Regulation (EC) No 1005/2009
https://climate.ec.europa.eu/eu-action/ozone-layer_en
- Regulation (EU) 2024/573 of the European Parliament and of the Council of 7 February 2024 on fluorinated greenhouse gases, amending Directive (EU) 2019/1937 and repealing Regulation (EU) No 517/2014
https://climate.ec.europa.eu/eu-action/fluorinated-greenhouse-gases_en
- IEC62474
<http://std.iec.ch/iec62474/iec62474.nsf/index>
- EU POPs Regulation
Regulation (EU) 2019/1021 of the European Parliament and of the Council on persistent organic pollutants and subsequent amendments (latest amending by (EC) No.2025/718)
http://ec.europa.eu/environment/chemicals/international_conventions/index_en.htm
- Stockholm Convention on Persistent Organic Pollutants (POPs)
<http://www.pops.int/TheConvention/ThePOPs/tabid/673/Default.aspx>
- Initiative of the Safe Drinking Water and Toxic Enforcement Act of 1986(Pro65)
- Radioactive substances restriction
- US Toxic Substance Control Act (TSCA)
- Global Automotive Declarable Substance List (GADSL)

With main threshold limits defined as:

RoHS

Lead (Pb)	Several control limits based on material type with max limit <800 ppm, Or use applicable exemptions within RoHS regulation
Cadmium(Cd)	Several control limits based on material type with max limit <50 ppm

Hexavalent Chromium Several control limits based on material type with max limit <500 ppm

Mercury (Hg) <800 ppm

Polybrominated Biphenyls (PBB) <1000 ppm

Polibrominated Diphenyl Ethers (PBDE) <1000 ppm

Bis (2-ethylhexyl) phthalate (DEHP) <900 ppm

Benzyl butyl phthalate (BBP) <900 ppm

Dibutyl phthalate (DBP) <900 ppm

Diisobutyl phthalate (DIBP) <900 ppm

For Halogen-free products:

Halogens

Bromine (Br) <900 ppm

Chlorine (Cl) <900 ppm

Chlorine (Cl) + Bromine (Br) <1500 ppm



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