Monolithic Power Systems Environmental Compliance Declaration

Monolithic Power Systems, Inc. (MPS) products are environmental friendly from raw material to finished products from production in 2006, and compatible with environmental compliant packaging material from then. We guarantee that substances given below are not included/far below limitation in our products or in our packaging materials such as reel, tape, and moisture barrier bag, inner or outer boxes. And, no exemptions adopted.

MPS states that it is compliant with:


  http://echa.europa.eu/regulations/reach
  REACH Annex XVII (Restrictions)
  Substances of Very High Concern defined in EU REACH Regulation, with latest REACH SVHC candidate List of 25th Jun., 2020.
  http://echa.europa.eu/web/guest/candidate-list-table
  REACH Annex XIV (Authorization)
  https://echa.europa.eu/authorisation-list

  http://ec.europa.eu/environment/waste/packaging/index_en.htm

- Halogen Free Initiative IEC 61249-2-21

- ELV Directive

- EU WEEE Directive
  http://ec.europa.eu/environment/waste/wEEE/legis_en.htm

- China RoHS
  GB/T 26572-2011
  CNCA-RoHS-0101:2011
Monolithic Power Systems, Inc. (MPS) does not intentionally add any of below materials during the manufacturing of its packaged products. While analysis of below chemicals is not routinely performed on the final product, we do not expect these substances to be present.

- Volatile Organic Compounds (VOCs)
- The 1987 Montreal Protocol on Substances that Deplete the Ozone Layer,
- EU Regulation (EC) No. 1005/2009 of the European and of the Council of 16 September 2009 on Substances that deplete the ozone layer
  
- IEC62474
  
- Stockholm Convention on Persistent Organic Pollutants (POPs)
  
- EU POPs Regulation
  
  
  [http://ec.europa.eu/environment/chemicals/international_conventions/index_en.htm](http://ec.europa.eu/environment/chemicals/international_conventions/index_en.htm)
- Initiative of the Safe Drinking Water and Toxic Enforcement Act of 1986 (Prop65)
- Radioactive substances restriction
- Other regulations applicable

With main threshold limits defined as:

**RoHS**

<table>
<thead>
<tr>
<th>Substance</th>
<th>Limit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lead (Pb)</td>
<td>Several control limits based on material type, but with max limit &lt;800 ppm</td>
</tr>
<tr>
<td>Cadmium (Cd)</td>
<td>Several control limits based on material type, but with max limit &lt;50 ppm</td>
</tr>
<tr>
<td>Hexavalent Chromium (CR VI)</td>
<td>Several control limits based on material type, but with max limit &lt;50 ppm</td>
</tr>
<tr>
<td>Mercury (Hg)</td>
<td>N.D.</td>
</tr>
<tr>
<td>Polybrominated Biphenyls (PBB)</td>
<td>&lt;1000 ppm</td>
</tr>
<tr>
<td>Polibrominated Diphenyl Ethers (PBDE)</td>
<td>&lt;1000 ppm</td>
</tr>
<tr>
<td>Bis (2-ethylhexyl) phthalate (DEHP)</td>
<td>&lt;900 ppm</td>
</tr>
<tr>
<td>Benzyl butyl phthalate (BBP)</td>
<td>&lt;900 ppm</td>
</tr>
<tr>
<td>Dibutyl phthalate (DBP)</td>
<td>&lt;900 ppm</td>
</tr>
<tr>
<td>Diisobutyl phthalate (DIBP)</td>
<td>&lt;900 ppm</td>
</tr>
</tbody>
</table>

**Halogen**

<table>
<thead>
<tr>
<th>Substance</th>
<th>Limit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bromine (Br)</td>
<td>&lt;900 ppm</td>
</tr>
<tr>
<td>Chlorine (Cl)</td>
<td>&lt;900 ppm</td>
</tr>
<tr>
<td>Chlorine (Cl) + Bromine (Br)</td>
<td>&lt;1500 ppm</td>
</tr>
</tbody>
</table>

MPS also supports the RBA Code of Conduct and the Responsible Sourcing in Metals Supply to the Electronics industry. This latter initiative opposes the use of precious metals mined in countries where the negative social impacts of mining range from human rights violations and labor issues, to socio-economic disturbances, corruption and conflict. In particular, MPS supports the ban on precious metals from the Democratic Republic of the Congo, Indonesia, Mozambique, Rwanda, Zambia and Mozambique.

Henry Zhao  
Sr. Director, Quality Assurance and Reliability