

Micro Crystal confirms that below listed standard products Oven Controlled XTAL Oscillators in DIL 14 packages are compliant with the RoHS 3 Directive 2015/863/EU and REACH Regulation 1907/2006/EU of the European Parliament and of the Council on the Restriction of the use of Hazardous Substances in electrical and electronics equipment.

Latest version of CoC Environment: [www.microcrystal.com/en/company/related-documents](http://www.microcrystal.com/en/company/related-documents)

**OCXOs**

Directive	Description
<p><b>RoHS Directive</b> 2011/65/EU / (RoHS 2) Edition: July 1st 2011 and <b>Directive</b> 2015/863/EU / (RoHS 3) Edition: 31.3.2015</p>	These products contain Lead (Pb) exempted under RoHS: - 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
<p><b>China RoHS 2</b> / GB / T 26572-2011 Edition: January 21<sup>th</sup> 2016</p>	Restrictions of Hazardous Substances - China RoHS 2 compliant
<p><b>VOC's</b> GB 30981 / 38507 / 33372 / 38508 Edition: March 2020</p>	Materials used in products and processes are in compliance with the China VOC regulations.
<p><b>WEEE Directive</b> 2012/19/EU Edition: July 4<sup>th</sup> 2012</p>	Waste from Electrical and Electronic Equipment - compliant with WEEE directive
<p><b>REACH Regulation</b> 1907/2006/EU (REACH = Registration, Evaluation and Authorisation of Chemicals) According to article 59 (10) and articles 56 and 67 / annexes XIV and XVII of Regulation - IEC 62474 Int. Electrotechnical Commission</p>	SVHC: Substances of Very High Concern Number of substances on the Candidate List: 235 - last updated: 14 <sup>th</sup> of June 2023 - products do not contain substances from the latest SVHC candidate list above 0.1%. - IEC: Declarable Substances List: actual Version
<p><b>Directive</b> 2019/1021/EC Edition June 20<sup>th</sup> 2019 <b>Directive</b> 2006/122/EC Edition December 12<sup>th</sup> 2006 <b>PFAS</b> e.g. Reg. State of Maine L.D. 1503</p>	Persistent Organic Pollutants (POP's) - products are free of POP's (incl. PFOS, PFOA) and Perfluoroalkyl and Polyfluoroalkyl substances (PFAS)
<p><b>California Proposition 65</b> The Safe Drinking Water and Toxic Enforcement Act of 1986</p>	Products contain listed substances Nickel (CAS 7440-02-0), Cobalt (CAS 7440-48-4) and Lead (7439-92-1) and are compliant with Prop 65. <sup>1)</sup>
<p>US-EPA (Environmental Protection Agency) TSCA (Toxic Substances Control Act) e-CFR system 40 Part 751</p>	The products contains one or more components for which a Low Volume Exemption (LVE) applies.
<p>Halogen free</p>	Halogen free - products are free of Halogen
<p>Conflict-Free Sourcing Initiative (CFSI), founded by EICC and GeSI. Conflict Minerals Reporting Template (CMRT) Extended Mineral Reporting Template (EMRT)</p>	It is Micro Crystal's strict policy not to purchase any <b>Conflict Minerals</b> that are mined under conditions of armed conflict and human rights abuses.
<p><b>Various</b></p>	Radioactive Materials Ozone Depleting Substances, Asbestos, BPA, PVC, DMF, HBCDD, Latex nor Phthalates

<sup>1)</sup> Detailed "Material composition" see pdf document "Product Doc." or "App. Manual" (Homepage)

**Document Revision History**

Date	Rev #	Revision Details	Date	Rev #	Revision Details
Jan. 20 – July 22	2.1 - 2.7	Update REACH / IEC 62474 / VOC's, POP's			
June 18 – Aug. 19	1.7 – 2.0	Different updates	July 2023	3.1	Update REACH
Jan. 2018	1.6	First release	Jan. 2023	3.0	Update REACH / add PFAS

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**Document Status**

Date	CoC Environmental	Name	Title	Signature
July 3 <sup>rd</sup> 2023	Document Approved	Fritz Burkhalter	Quality Manager	