

RoHS and REACH Compliance Declaration

Super Watchdog HAT with Battery Backup for Raspberry Pi



RoHS Compliance

The “Super Watchdog HAT with Battery Backup for Raspberry Pi”, REV 1.0 and all subsequent revisions, made by Sequent Microsystems, complies with the RoHS Directive (EU Directive 2002/95/EC and subsequent amendments). RoHS COMPLIANT means that the substances restricted by the EU Directive 2011/65/EU (RoHS2) and EU Directive 2015/863/EU (**RoHS3**) and subsequent amendments of the European Parliament are not contained in a finished product above threshold limits stated below, except at trace level due to unintentional impurities.

EU RoHS specifies maximum levels for the following 10 restricted substances. The first six applied to the original RoHS while the last four are added under RoHS3, **from May 2020**.

- Cadmium (Cd): < 100 ppm
- Lead (Pb): < 1000 ppm
- Mercury (Hg): < 1000 ppm
- Hexavalent Chromium: (Cr VI) < 1000 ppm
- Polybrominated Biphenyls (PBB): < 1000 ppm
- Polybrominated Diphenyl Ethers (PBDE): < 1000 ppm
- Bis(2-Ethylhexyl) phthalate (DEHP): < 1000 ppm
- Benzyl butyl phthalate (BBP): < 1000 ppm
- Dibutyl phthalate (DBP): < 1000 ppm
- Diisobutyl phthalate (DIBP): < 1000 ppm

REACH Compliance

The REACH Regulation Nr. 1907/2006 of the European Community, concerning the registration, the evaluation and the authorization of the chemical substances, has come into force since 01/06/2007. The instructions of the regulation provides that who produces or imports from Extra EEC Countries a substance as such or contained in a preparation or in an article in a quantity equal or higher than 10 tons/year, is obliged to register it at the responsible European Agency (ECHA) with timing and modalities defined by the regulation itself, depending on both the quantity and the risk factors. The preparations needn't be registered but the substances they contain must be registered in accordance with the regulation instructions. Sequent Microsystems, LLC is therefore not obliged to register its products. Sequent Microsystems, LLC takes on also to assure itself and its customers that the substances contained in its own products will be pre-registered and/or registered.

To do that, we have taken the following actions to achieve REACH-compliance:

1. We request at all of our suppliers a declaration for compliant to REACH and assurance of pre-registered all affected substances
2. We use only materials where no substances of very high concern (SVHC) are present. Our suppliers have confirmed that the necessary raw materials will be available under REACH.

We can confirm that our products are made with raw materials that do not contain any of the SVHC included in the candidate list which has been published in **June 2022** as part of their formulation.

Disclaimer: The information above is accurate to the best of our current knowledge, but given without any guarantee.



By: Mihai Beffa, CEO