



Date: Mar 27, 2018

Statement regarding RoHS 3, or Directive 2015/863, compliance and non-use

Everspin Technologies, Inc. MRAM products comply with RoHS 3, or Directive 2015/863, which adds 4 phthalates to RoHS 2 Directive 2011/65/EU. Specifically, the products do not exceed the allowable limits for the follow restricted substances:

- Lead - (0.1 % by mass or 1000 PPM)
- Mercury - (0.1 % by mass or 1000 PPM)
- Cadmium - (0.01 % by mass or 100 PPM)
- Hexavalent chromium - (0.1 % by mass or 1000 PPM)
- Polybrominated biphenyls (PBB) - (0.1 % by mass or 1000 PPM)
- Polybrominated diphenyl ethers (PBDE) - (0.1 % by mass or 1000 PPM)
- Bis(2-ethylhexyl) phthalate (DEHP) - (0.1 % by mass or 1000 PPM)
- Butyl benzyl phthalate (BBP) - (0.1 % by mass or 1000 PPM)
- Dibutyl phthalate (DBP) - (0.1 % by mass or 1000 PPM)
- Diisobutyl phthalate (DIBP) - (0.1 % by mass or 1000 PPM)

Everspin MRAM products are also “halogen-free”. Everspin defines a product as halogen-free when the sum total of Chlorine and Bromine content in an organic homogeneous material is less than 900 parts per million (ppm).

The RoHS and halogen-free compliance applies to all products offered by Everspin Technologies, Inc.

A handwritten signature in black ink that reads "Paul Drobny".

Paul Drobny
Quality Engineer
Everspin Technologies