



1630 McCarthy Boulevard
Milpitas, CA 95035-7417
March 10, 2009



RoHS MATERIAL DECLARATION CERTIFICATE

- Linear Technology Corporation's deliverable products, when ordered as lead-free meet the EU RoHS Directive 2002/95/EC, WEEE Directive 2002/96/EC, PFO Directive 76/769/EC and People's Republic of China RoHS, Management Method for Controlling Pollution by Electronic Information Products.

The exception is products in the TO-220, DDPACK, SOT223 and TO247 packages which are currently assembled with a soft solder die attach material that contains Lead (Pb).

EU Directive 2002/95/EC, Article 4, Annex 7a (>85% Lead, Pb, in high melting point solders) exempts this material at this time. The EFUP logo 2 applies when these packages are shipped to the People's Republic of China.

- Linear Technology Corporation's deliverable products do not contain ozone depleting substances subject to The Montreal Protocol on Substances that Deplete the Ozone Layer and U.S. Clean Air Act, Title VI.
- RoHS Definition:** Quantity limit of 0.1% by mass (1000 PPM) in homogeneous material for Lead (Pb), Mercury (Hg), Hexavalent Chromium (Cr), Polybrominated Biphenyl (PBB), Polybrominated Diphenyl Ether (PBDE), Toluene, Trichlorobenzene, Decabromodiphenyl Ether (Deca-BDE), 0.01% by mass (100 PPM) of homogeneous material for Cadmium (Cd), and 0.005% by mass (50 PPM) Perfluorooctane Sulfonates (PFOS).
- RoHS 6 of 6:** Linear Technology Corporation's products are RoHS 6 of 6 compliant when ordered with lead-free terminations.
- RoHS 5 of 6:** Linear Technology Corporation products with solder (Pb/Sn) plated terminals are not RoHS 6 of 6 compliant because of the Lead (Pb) contained in solder used on the termination finish. These products do not contain other RoHS restricted substance or homogeneous materials.
- Substances of Concern:** Antimony Trioxide, Sb_2O_3 (CAS# 1309-64-4) and Bromine, Br (CAS# 10097-32-2) used as a flame retardant in mold compound. Linear Technology Corporation is evaluating and qualifying new mold compounds that contain no Sb_2O_3 , no Br and once qualified will be considered Halogen-Free. Polyvinyl Chloride (PVC) – in shipping tubes, CAS #9002-86-2. Linear Technology Corporation products do not contain or have termination finishes of Pure Lead or Pure Zinc.
- Substances used to manufacture Linear Technology Corporation Products are available on Device Material Declarations and may be obtained on Linear Technology Corporation's website.

Linear Technology Corporation's Device Material Declaration concentrations are estimated and are derived from engineering calculations.

- Linear Technology Corporation has a lifetime warranty on all our products, with Linear Technology Corporation standard liability limited to the replacement of confirmed defective products. Linear Technology Corporation's ongoing Environmental Program will help ensure we are in compliance with our customer's environmental needs.

LINEAR TECHNOLOGY CORPORATION ACCEPTS NO DUTY TO NOTIFY USERS OF THIS DECLARATION OF UPDATES OR CHANGES TO THIS DECLARATION

Paul Chantalat
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