



RoHS/Green

Environmental concerns are driving the need for lead-free devices and 'green' manufacturing processes. The products you receive from Fairchild are compliant with RoHS and lead-free requirements, and meet environmental, health and safety standards. Our green manufacturing processes ensure the products you order also contribute to a cleaner, healthier and safer environment.

What Does 'Green' Mean?

RoHS-Compliant

Fairchild products and the homogenous materials in products do not contain the substances listed in the table below in concentrations greater than the listed maximum limit value.

Substance	Maximum Limit
Cadmium (Cd)	100 ppm
Lead (Pb)	1000 ppm ^{(1)/(2)}
Mercury (Hg)	1000 ppm
Hexavalent Chromium (Cr6+)	1000 ppm
Poly Brominated Biphenyl (PBB)	1000 ppm
Poly Brominated Diphenyl Ether (PBDE)	1000 ppm
Bis(2-ethylhexyl) phthalate (DEHP) (0.1%)	1000 ppm
Butyl benzyl phthalate (BBP)	1000 ppm
Dibutyl phthalate (DBP)	1000 ppm
Diisobutyl phthalate (DIBP)	1000 ppm

(1) Maximum limit does not apply to applications for which exemptions have been granted by the RoHS directive

(2) Applicable to Fairchild products with Pb-free lead finish only

Note: ppm = parts per million

Green

Fairchild products that are RoHS-compliant and the homogenous materials in those products do not contain the substances listed in the table below in concentrations greater

than the listed maximum limit value (halogen concentration limits are consistent with those defined in IEC 61249-2-21).

All of the Above Requirements, Plus:

Substance	Maximum Limit
Bromine	900 ppm
Chlorine	900 ppm
Total Bromine + Chlorine	1500 ppm
Antimony	900 ppm
Substances prohibited from Fairchild's supply chain	