WWW.AZMICROTEK.COM
4515 S. MCCLINTOCK DRIVE, SUITE 211
TEMPE, AZ 85282
+1 (480) 962-5881

Arizona Microtek Policy for Pb-FREE, RoHS and GREEN ICs

PURPOSE:
This document defines our policy regarding the availability of conventional solder-plated product as well as Pb-free products, which conform to the RoHS directive of July 1, 2006 (Reduction of Hazardous Substances).

POLICY:
It continues to be AZM's policy to provide the highest quality products at an attractive price. We accomplish this while continuing to comply with all environmental and industry requirements and/or specific desires of our customer.

1. ***CONTINUED SUPPLY OF CONVENTIONAL SOLDER-PLATED ICs***
   AZM is, as of January 2010, no longer able to obtain and supply 85/15 tin-lead (Sn-Pb) solder pin plating.

2. **AVAILABILITY OF RoHS-COMPLIANT Pb-FREE ICs**
   Following our policy, AZM was one of the first IC suppliers to proactively provide at no additional cost, in 2004, Pb-free IC packaging which is also fully RoHS-compliant and meets or exceeds the demands of the "Directive 2011/65/EC".

   RoHS seeks to eliminate six specific substances from electronic and other equipment and components. Most notably is the elimination of 15% lead (Pb) in the solder plating of IC pins and substituting 100% matte tin (Sn).

   In some cases and at AZM's choice, the pin plating may be nickel-palladium-gold, which also meets all requirements of RoHS.

   To order a product that meets this specification, simply add a "+" sign to the end of our part number. Previously quoted prices for solder-plated IC packages will be honored whenever the customer switches to RoHS-compliant Pb-free product.

3. ***MOVING UP TO "GREEN"***
   On a part-by-part basis, AZM intends to extend the definition of Pb-free to the next level, sometimes referred to as "green", at no additional cost. This definition removes certain components from the flame retardant additive to the mold compound so as to avoid emission of halides if the package is ever incinerated.

   For clarity, the "green" package and terminal plating systems are fully Pb-free and also RoHS-compliant, while providing additional environmental friendliness.

   "Green" Pb-free product, when available, will contain the suffix "G" in place of the "+" sign in the part number.

4. ***PHASING-IN "GREEN"***
   Phasing-in the "G" packaged ICs for previous "+" packaged ICs is expected to be a simple process requiring no additional qualifications.

5. ***MOISTURE SENSITIVITY:***
   MSL (Moisture Sensitivity Level) ratings have been proven not to change from packages with conventional solder-plated pins to the "+" Pb-free and RoHS-compliant packages nor to the "G" green packages.