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## Lansdale Semiconductor and Lead (Pb)-Free Product Support

### Overview

Due to increased environmental concerns around the world, semiconductor and electronic companies are now required to provide Lead (Pb) - Free, or “Green” products. Lansdale is committed to support this requirement by providing customers with reliable, Lead (Pb) - Free products.

### Lansdale’s Solution

Environmental concerns have led to government regulations that make Lead (Pb) - Free products necessary. As a manufacturer, Lansdale can supply Lead (Pb) - Free product, even though it was not an option from the original manufacturer. Lansdale will support all of the products recently transferred from Motorola and Freescale in both Lead (Pb) - Free and Pb solder-plated lead finishes. Lansdale will distinguish between Lead (Pb) - Free and Pb solder-plated lead finishes with a new “MLE” prefix that designates Lead (Pb) - Free product. There is no additional charge for the Lead (Pb) - Free, RoHS-compliant product.

### Support for non- Lead (Pb) - Free Product

Because Lansdale has customers that do not require Lead (Pb) - Free product at this time, Lansdale will continue to supply Pb solder-plated product for those customers. Lansdale believes that the Lead (Pb) - Free lead finish (100% Sn) we supply should be compatible with Pb solders, but that is a customer decision.

Labels on reels, trays and boxes will display RoHS compliance and Lead (Pb) - Free status.

### Definitions

**(Pb) Lead-Free:** Lead-Free semiconductors are compliant with current RoHS requirements for 6 banned substances, which include the requirement that lead not exceed 0.1% by weight in homogeneous materials.

**Green:** Lead-Free, free of bromine (Br) and antimony (Sb) based flame retardants, which means neither bromine nor antimony exceeds 0.1% by weight in homogeneous material.

Questions regarding our Lead (Pb) - Free policy can be addressed via the following:

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