



June 11, 2012

Statement Regarding the RoHS Compliance of AMD Legacy Flash Memory Products

Spansion is a manufacturer of AMD Legacy flash memory products.

The EU Directive entitled "Restriction on the use of certain Hazardous Substances (RoHS) 2002/95/EC", became effective on 1st July 2006 and restricts the use of six substances within electrical and electronic equipment.

The directive was revised in June 2011 and is now referred to as directive 2011/65/EU. There was no change in the restricted substances.

The substances are:

<u>RoHS Material</u>	<u>Maximum Concentration in Homogenous Material</u>
• Lead (Pb),	< 1,000 ppm
• Mercury (Hg),	< 1,000 ppm
• Cadmium (Cd),	< 100 ppm
• Hexavalent chromium (Cr ₆₊),	< 1,000 ppm
• Polybrominated biphenyls (PBB), and	< 1,000 ppm
• Polybrominated diphenyl ethers (PBDE).	< 1,000 ppm

AMD Legacy memory products do not contain any of the RoHS materials with the exception of lead (Pb) used in some parts with external SnPb solder finishes. AMD Legacy memory products with the standard (SnPb) solder finishes are 5/6 RoHS compliant, qualifying for the RoHS Pb-solder exemption when used in high reliability equipment (such as telecommunications infrastructure equipment).

All other AMD Legacy memory products utilize Pb-free solder finishes and are fully (6/6 or 100%) RoHS compliant.

OPNs for AMD Legacy flash memory products use new codes in the final character to differentiate between standard (SnPb) and Pb-free solder finishes. Please note that a letter "T" in the last character of the OPN indicates the product is shipped in trays and is ignored in determining lead content. The highlighted examples below show where to find the code character to determine SnPb and Pb free applications.



SnPb Code	Lead-free Code
C	D
I	F
E	K

Examples:

Standard OPN:	Lead-free OPN:
AM29F010B-120J C \T	AM29F010B-120J D \T
AM29LV160DT-70 E I	AM29LV160DT-70 F E
AM29LV160DT-70 E E	AM29LV160DT-70 K E

Additional information on regarding Pb-free Spansion memory products is available on the web at:

<http://www.spansion.com/Support/LeadFreePackaging/Pages/LeadFreePackaging.aspx>

This website includes:

- Information regarding the availability of our Pb-free solder finish (RoHS Compliant) products, and
- A link to MDDS (Material Declaration Data Sheets) which disclose all of the ingredients of our products.

For questions specific to Spansion's voluntary compliance with product restrictions, please contact

product.sustainability@spansion.com.

Spansion Inc.

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