Statement on European Union End of Life Vehicle (EU ELV)

The EU ELV 2000/53/EC directive released on 18 September 2000 restricted the use of 4 heavy metals, Lead (Pb), Mercury (Hg), Hexavalent Chromium (Cr6+) and Cadmium (Cd) in vehicles. The amending document 2002/525/EC released 27 January 2003 provided maximum concentration values of 1000ppm for Pb, Hg, Cr6+ and 100ppm for Cd. TI IC products listed by Texas Instruments (TI) as "Pb-free" or "Green" meet the ELV requirements without the use of any exemptions. TI products stated to be “RoHS Exempt” also would be ELV Exempt. For the small number of TI products that require an exemption, they would use one of the following ELV exemptions per amending Annex II Directive 2011/37/EU released 30 March 2011:

8(e)  Lead in high melting temperature type solders (i.e. lead-based alloys containing 85 % by weight or more lead)

8(g). Lead in solders to complete a viable electrical connection between semiconductor die and carrier within integrated circuit flip chip packages

10(a) Electrical and electronic components which contain lead in a glass or ceramic, in a glass or ceramic matrix compound, in a glass-ceramic material, or in a glass-ceramic matrix compound.

10(b) Lead in PZT based dielectric ceramic materials of capacitors being part of integrated circuits or discrete semiconductors

Sincerely,

Mark Frimann
TI SC Product Stewardship Management

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