

## CERTIFICATE OF COMPLIANCE - RoHS Declaration -

NXP Semiconductors Netherlands B.V. certifies that its semiconductor products are:

- RoHS compliant (including all homogeneous sub-components – the pins, casing, internal parts) and meet the requirements defined under Directive 2011/65/EU of the European Parliament and of the Council of June 8, 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment (EEE) - recast:

RoHS Restricted Substance	Allowable Limit
Cadmium and its compounds	100 ppm (0.01 weight %)
Mercury and its compounds	1000 ppm (0.1 weight %)
Hexavalent chromium and its compounds	1000 ppm (0.1 weight %)
Lead and its compounds	1000 ppm (0.1 weight %)
Polybrominated biphenyls (PBB)	1000 ppm (0.1 weight %)
Polybrominated diphenyl ethers (PBDE)*	1000 ppm (0.1 weight %)

\* This includes also DecaBromoDiphenylEther (Deca-BDE).

In case the amount of Lead exceeds the allowable limit, the following, by RoHS exempted applications, may apply:

- 6(c) Copper alloy containing up to 4 % lead by weight;
- 7(a) Lead in high melting temperature type solders (i.e. lead- based alloys containing 85 % by weight or more lead);
- 7(c)-I Electrical and electronic components containing lead in a glass or ceramic other than dielectric ceramic in capacitors, e.g. piezoelectronic devices, or in a glass or ceramic matrix compound;
- 7(c)-II and 7(c)-III Lead in dielectric ceramic in capacitors for a rated voltage of 125V AC or 250V DC or higher and Lead in dielectric ceramic in capacitors for a rated voltage of less than 125V AC or 250V DC<sup>1</sup>.

Compliant NXP semiconductor products can be recognized by the “RoHS compliant” logo on the box label. In addition, products that do not make use of any Lead exemption can be recognized by the “Lead-free” logo.

To facilitate customer requirements and to check compliance of NXP semiconductor products, NXP has made product material content information available on the internet via:

[http://www.nxp.com/search/chemical\\_content/index.php](http://www.nxp.com/search/chemical_content/index.php)

The signature below verifies that statements above, including but not limited to any material composition data are valid and accurate. However, NXP cannot warrant that products from NXP’s customers, in which such NXP products are incorporated, will in turn comply with this RoHS Declaration.



Eric-Paul Schat  
Senior Director & Sustainability Officer

**NXP Semiconductors  
Sustainability Office**

<sup>1</sup> Last application expires on 1 January 2013!!