

CERTIFICATE OF COMPLIANCE - RoHS Declaration -

Nexperia B.V. declares that its semiconductor products (including homogeneous sub-components, pins, casing, and internal parts) are designed to be:

RoHS compliant by meeting the requirements defined under Directive 2011/65/EU of 2011-07-21, amended by Directive (EU) 2015/863 of 2015-03-31, on the restriction of the use of certain hazardous substances in electrical and electronic equipment (EEE):

RoHS Restricted Substance	Allowable Limit
Cadmium (Cd)	100 ppm (0.01 weight %)
Mercury (Hg)	1000 ppm (0.1 weight %)
Hexavalent chromium (Cr ⁶⁺)	1000 ppm (0.1 weight %)
Lead (Pb)	1000 ppm (0.1 weight %)
Polybrominated biphenyls (PBBs)	1000 ppm (0.1 weight %)
Polybrominated diphenyl ethers (PBDEs)*	1000 ppm (0.1 weight %)
Bis(2-ethylhexyl) phthalate (DEHP)	1000 ppm (0.1 weight %)
Butyl benzyl phthalate (BBP)	1000 ppm (0.1 weight %)
Dibutyl phthalate (DBP)	1000 ppm (0.1 weight %)
Diisobutyl phthalate (DIBP)	1000 ppm (0.1 weight %)

* Including decabromodiphenylether (decaBDE).

All Nexperia devices are RoHS compliant. Nexperia devices contain no more than 0.1 % lead (Pb) by weight per homogeneous material or may contain lead (Pb) in applications allowed by the RoHS Directive. Nexperia may apply any of the following RoHS exemptions to RoHS compliant Nexperia devices:

RoHS Exemption	RoHS Exemption Description
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

Nexperia devices can be recognized by the "RoHS compliant" logo on the box label. In addition, products that do not make use of any exemption on the use of lead can be recognized by the "Lead-free" logo.

To facilitate customer requirements and to verify Nexperia product compliance, Nexperia material content information is available here:

<https://www.nexperia.com/quality/download-multiple-product-compositions.html>

In determining the RoHS status of its products, Nexperia relies on its suppliers' material content certification for each homogeneous material in the product(s) that they or their subcontractors provide. The signature below verifies that statements above, including but not limited to material composition data are valid and accurate to the best of our knowledge for Nexperia products in original sale condition.



Dr. Timo Stein
Manager ECO-Products
Nexperia B.V.