September 2025

CERTIFICATE OF COMPLIANCE
– EU RoHS Declaration –

Nexperia B.V. declares that its semiconductor products, including all homogeneous materials used in their composition, 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	**Permissible Limit on the Homogeneous Material Level**
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) *including decabromodiphenylether (decaBDE)*	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 %)

All Nexperia products comply with EU RoHS and carry the "RoHS-compliant" symbol on the outer packaging label. Devices whose homogeneous materials contain no more than 0.1 wt-% lead are identified by the RHF indicators **G** or **D** and display the "Pb-free" logo. Devices that contain lead under a recognized RoHS exemption are marked with the RHF indicators **E** or **H**; the applicable exemptions are shown in the table below.

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

The RHF indicator can be found on the respective product page, such as on the product page of BAS16-Q under "Environmental information". Table 1 in the Appendix to this document lists all released packages using RHF indicators E or H and the information on whether the respective package makes use of RoHS exemption 7(a) and/or 7(c)-I, respectively.

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On 2025-09-08, the EU Commission adopted delegated directives regarding high melting temperature type solders and in glass or ceramic of electrical and electronic components:

Exemption 7(a) will expire on 2027-06-30. In addition, seven new exemptions, 7(a)-I through 7(a)-VII, have been introduced with a common expiry date of 2027-12-31 are introduced. Nexperia confirms that **exemption 7(a)-I** will apply to those products that currently make use of exemption 7(a):

> *Lead in high melting temperature type solders (i.e., lead-based alloys containing 85% by weight or more lead) for internal interconnections for attaching die, or other components along with a die in semiconductor assembly with steady state or transient/impulse currents of 0.1 A or greater or blocking voltages beyond 10 V, or die edge sizes larger than 0.3 mm x 0.3 mm.*

Exemption 7(c)-I will expire on 2027-06-30. Two new exemptions, 7(c)-V and 7(c)-VI, have been introduced. Nexperia confirms that **exemption 7(c)-V-1)** will apply to those products that currently make use of exemption 7(c)-I:

> *Electrical and electronic components containing lead in a glass or glass matrix compound that fulfils any of the following functions*
>
> *1) for protection and electrical insulation in glass beads of high-voltage diodes and glass layers for wafers on the basis of a lead-zinc-borate or a lead-silica-borate glass body;*

To facilitate compliance checks, detailed product-composition declarations are publicly available on our website. The undersigned certifies that the statements above, together with any accompanying composition data, are accurate to the best of our knowledge and belief. Nexperia operates robust management systems to ensure ongoing conformity with applicable environmental regulations worldwide. In the event of any issues arising from the information contained herein, Nexperia's standard terms and conditions of sale apply unless superseded by a written agreement executed by both parties.

For further information, please contact your usual Nexperia representative, reach out to the nearest Sales Office, or submit a request via our technical support form.

Sincerely,

Nexperia
Environment, Health & Safety
ECO-Products

Digitally signed by nx016023
Reason: I am the author of this document
Date: 2025-09-17 10:34+02:00

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

APPENDIX

Table 1: Packages of active and non-customer-specific Nexperia products that contain lead in concentrations exceeding 0.1 % *w/w* of any homogeneous material along with the applicability of RoHS exemption 7(a) and/or 7(c)-I, respectively.

Package	RoHS exemption 7(a)	RoHS exemption 7(c)-I
SOD1001-1	TRUE	TRUE
SOD1002-1	TRUE	TRUE
SOD1003-1	TRUE	TRUE
SOD123FL	TRUE	FALSE
SOD123HP	TRUE	FALSE
SOD123W	TRUE	FALSE
SOD128	TRUE	FALSE
SOD128FL-1	TRUE	FALSE
SOD323HP	TRUE	FALSE
SOT1023	TRUE	FALSE
SOT1023A	TRUE	FALSE
SOT1205	TRUE	FALSE
SOT1210	TRUE	FALSE
SOT1235	TRUE	FALSE
SOT1289	TRUE	FALSE
SOT1289B	TRUE	FALSE
SOT186B-1	TRUE	FALSE
SOT226C	TRUE	FALSE
SOT404	TRUE	FALSE
SOT404A	TRUE	FALSE
SOT404B-1	TRUE	FALSE
SOT428	TRUE	FALSE
SOT428C	TRUE	FALSE
SOT429	TRUE	FALSE
SOT429-2	TRUE	FALSE
SOT669	TRUE	FALSE
SOT78	TRUE	FALSE
SOT78A	TRUE	FALSE
SOT8000	TRUE	FALSE
SOT8000A	TRUE	FALSE
SOT8005	TRUE	FALSE
SOT8005A	TRUE	FALSE
SOT8017	TRUE	FALSE
SOT8018	TRUE	FALSE
SOT8021	TRUE	FALSE
SOT8022	TRUE	FALSE
SOT8038-1	TRUE	FALSE
SOT8038-4	TRUE	FALSE
SOT8070-1	TRUE	FALSE
SOT8071-1	TRUE	FALSE
SOT8107-2	TRUE	FALSE

Past Use of Exemptions

Glass diodes belonging to packages SOD27, SOD66, SOD68, and SOD80C made use of RoHS exemption 7(c)-I in the past. On 2024-03-26, Nexperia issued change notice CN-202310015F, titled "Change to Pb-free Glass Diodes". After the implementation of this CN on 2024-09-23, Nexperia's glass diodes no longer make use of RoHS exemption 7(c)-I.