

Infineon Technologies AG  
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### Declaration non-inclusion of substances-of-concern in IFX products

Infineon Technologies AG (referred to as “Vendor”) hereby declares that all products manufactured and/or delivered to your company (including your subsidiaries and affiliated companies) directly or indirectly by the Vendor (including subsidiaries or affiliated companies) are free<sup>1</sup> from any of the following substances-of-concern<sup>2</sup> or materials (< 0.1 % by weight per homogeneous material):

Substance	Maximum Concentration [ppm]
5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	1000
Aliphatic hydrocarbons (CHCs)	1000
Aminobiphenyl	1000
Aniline salts	1000
Anthracene	1000
Asbestos (0 ppm)	0
Azo compounds, dyes & pigment forming amines	30
Benzene	1000
Benzotriazole	1000
Beryllium & its compounds (Be)	1000
Bis(2-ethylhexyl)phthalate	1000
Bisphenol A	1000
Brominated Polystyrene (BPS)	1000
Cadmium & its compounds	5
Carbon tetrachloride	1000
Chlorinated Paraffins (CP)	1000
Chlorofluorocarbons (CFC)	1000
Chromium (hexavalent) & compounds	100
Cobalt dichloride	1000
Cyanides	1000
Cyclododecane	1000
Decabromodiphenyl ether (DecaBDE)	5
Decabromodiphenyl Oxide (DBDPO)	1000
Dibutylphthalate (DBP)	1000
Dichloromethane (methylene chloride)	1000
Diethylhexylphthalate (DEHP)	1000
Dimethylformamide (DMF)	1000

<sup>1</sup> Free pertains to the non-intentional presence of substances in Infineon products at concentrations below 0.1 % by weight (1000 ppm) per homogeneous material. In many instances concentrations are indeed lower.

<sup>2</sup> Substances-of-concern are those substances raised as posing a threat to human life or the environment by our customers.

Substance	Maximum Concentration [ppm]
Dimethylfumarate (DMF)	0,1
Dioxins & Furans	1000
Disperse dyes	1000
Ethylene Glycol Mono-methyl, -ethyl Ether & its acetate	1000
Formaldehyde	0,1
Halons	1000
Hexabromocyclododecane (HBCDD)	100
Hydrochlorofluorocarbons (HCFCs)	1000
Isocyanates	1000
Medium Chained Chlorinated Paraffin (MCCP)	1000
Mercury & its compound	5
Methyl bromide	1000
Mirex (perchlordencone)	1000
Molybdenum & its compounds (Mo)	1000
Nonylphenol and nonylphenol ethoxylates	1000
Octabromodiphenyl Ether (OctaBDE)	5
ODS (Ozone Depleting Substances)	1000
Organochlorinated compounds	1000
Organostannic compounds	1000
Pentabromodiphenyl ether (PentaBDE)	5
Pentachlorophenol (PCP) its salts and ethers	1000
Perfluorocarbons (PFCs)	1000
Perfluorooctane sulfonate (PFOS)	1000
Perfluorooctanoic acid (PFOA)	1000
PFCs (Perfluorocarbons)	1000
Phthalates (incl. Bis(2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP), Diisobutyl phthalate (DIBP); excl. Polyethylene terephthalate (PET))	1000
Polybrominated biphenyls (PBBs)	5
Polybrominated diphenyl ethers (PBDEs)	5
Polychlorinated biphenyls (PCBs)	5
Polychlorinated naphthalenes (PCNs)	1000
Polychlorinated terphenyles (PCTs)	5
Polycyclic aromatic hydrocarbons (PAH)	10
Polynaphthalene chloride	1000
Polyvinylchloride (PVC) (excl. antenna sheets, inlays and inlams in Chipcard products)	1000
Radioactive substances	0
Selenium & its compounds (Se)	1000
Short-chained chlorinated paraffin (C10-13; SCCP)	1000
Sulphur hexafluoride (SF <sub>6</sub> )	1000
Tantalum & its compounds (Ta)	1000
Tar oil	1000
Tellurium & its compounds (Te)	1000
Tetrabromobisphenol-A	1000
Tetrachloroethylene	1000

MatQ-2021-255-non-inclusion

Substance	Maximum Concentration [ppm]
Tetramethylthiuram disulfide (Thiram)	1000
Thallium & its compounds (Tl)	1000
Toluene	1000
Tri-2,3,-dibromopropyl)-phosphate (TRIS)	1000
Tributyl & triphenyl Tin compounds	1000
Trichloroethane (TCE)	1000
Trichloroethylene	1000
Tris-(aziridinyl)-phosphineoxide (TEPA)	1000
Ugilec 121, 141 and DBBT	1000
Vinyl chloride monomer	1000

As of this writing, Lead (Pb) and its compounds could be present in some of our products. We are currently phasing out Pb in accordance with Directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS). The phase out / conversion timeline / roadmap, per package, can be viewed at <http://www.infineon.com/greenproduct> under "Conversion Roadmap".

More information on specific product material contents is obtainable from Infineon in the form of material content data sheets (MCDS) ("*Umbrella Specifications*"). For these, please contact your local sales agent or customer service centre at <http://www.infineon.com>.

## Infineon Technologies AG

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