



# IEC62474 Declaration for Compliance

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Requester Item Number	Product Identifier	Product Name	Is Article	Authority	Identity	Effective Date	Manufacturing Site	Product Family Name	Mass	Unit of Measure	Version
	BXC80684xxxx0x	BXC80684xxxx0x	True	Intel		12/8/2020 6:43:39 PM		IBPCOFFELK	219	g	



## Query List Statements

<i>Authority</i>	<i>Identity</i>	<i>Version</i>	<i>Statement</i>	<i>Response</i>
Intel	RoHS.Exempt		Product meets EU ROHS Requirements (Directive 2011/65/EU) and its amendments (e.g. 2015/863/EU) by application of the selected exemptions	True
Intel	SVHC		Product Contains REACH SVHC above .1% of article	True
Intel	LHPWB		This product is Low Halogen (PCB): Applies Br/Cl in the PCB Laminate. The PCB / Substrate meet IEC 61249-2-21 requirements. The replacement of halogenated flame retardants may not be better for the environment	False

## Signature

Intel Product  
Ecology

C=US, E=productecology@intel.com, OU="", O=Intel Corporation, CN=Intel Product Ecology

Identity	CAS	Name	Reportable Application	Reporting Threshold	Above Compliance Threshold?	Mass Percent	Mass	Unit of Measure	Exemption	Comment
00001	1303-28-2	Diarsenic pentoxide	All	0.1 mass% of article	False					
00002	1327-53-3	Diarsenic trioxide	All	0.1 mass% of article	False					
00003		Asbestos	All	Intentionally added	False					
00004		Azocolourants and Azodyes which form certain aromatic amines	Textiles and Leather	0.003% by weight of the finished textile/leather product	False					
00005	1304-56-9	Beryllium Oxide	All	0.1 mass%	False					
00007	10043-35-3 ; 11113-50-1	Boric acid	All	0.1 mass% of article	False					
00008		Brominated flame retardants (other than PBBs, PBDEs, or HBCDD)	Printed wiring board laminate	0.09 mass% total bromine content in laminate	False					
00009		Brominated flame retardants (other than PBBs, PBDEs, or HBCDD)	Plastic materials except printed wiring board laminates	0.1 mass% of bromine in plastic materials	False					
00010		Cadmium/Cadmium compounds	All, except batteries	0.01 mass% of total Cd in homogenous material	False					
00011		Cadmium/Cadmium compounds	Batteries	0.001% by weight of battery	False					
00012		Chromium (VI) Compounds	All	0.1 mass% of total Cr+6 in homogenous material	False					
00013	7646-79-9	Cobalt dichloride	All	0.1 mass% of article	False					
00014		Dibutyltin (DBT) compounds	All	0.1 mass% of tin in the part	False					
00015		Diocetyl tin (DOT) compounds	(a) textile and leather articles intended to come into contact with the skin, (b) childcare articles, (c) two-component room temperature vulcanisation moulding kits (RTV-2 moulding kits)	0.1 mass% of tin in the part	False					
00016	624-49-7	Dimethylfumarate (DMF)	All	0.00001 mass% of the part	False					
00017		Disodium tetraborate, anhydrous	All	0.1 mass% of article	False					

00018		Fluorinated Greenhouse Gases (PFC, SF6, HFC)	All	Intentionally Added	False					
00019	50-00-0	Formaldehyde	Textiles	0.0075 mass % of textile	False					
00020		Hexabromocyclododecane (HBCDD)	All	Intentionally added or 0.01 mass% of article	False					
00021		Lead/Lead Compounds	All, except for: 1. batteries, 2. surface coating material of cables/cords with thermoset or thermoplastic coatings, and 3. paint and similar surface coatings of toys and other articles intended for use by children	0.1 mass% of total Pb in homogenous material	True	59.70	0.0058	mg	7(c)-I	HEATSINK_ASSEMBLY / Chip Resistor(Under coat)/MCR01MZP
00021		Lead/Lead Compounds	All, except for: 1. batteries, 2. surface coating material of cables/cords with thermoset or thermoplastic coatings, and 3. paint and similar surface coatings of toys and other articles intended for use by children	0.1 mass% of total Pb in homogenous material	True	93.51	0.31	mg	7(a)	HEATSINK_ASSEMBLY / Schottky Barrier Diode(Die attach)/RBR2MM30 ATR(PMDUM(HF))
00022		Lead/Lead Compounds	Consumer products designed or intended primarily for children 12 years of age or younger	0.01 mass%	False					
00023		Lead/Lead Compounds	Paint and similar surface coatings of toys and other articles intended for use by children	0.009 mass% of surface coating material	False					
00024		Lead/Lead Compounds	Cables/cords with thermoset or thermoplastic coatings	0.03 mass% of surface coating material	False					
00025		Lead/Lead Compounds	Batteries	0.004 mass% of battery	False					
00026	7758-97-6	Lead chromate	All	0.1 mass% of article	False					
00027	12656-85-8	Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	All	0.1 mass% of article	False					
00028	1344-37-2	Lead sulfochromate yellow (C.I. Pigment Yellow 34)	All	0.1 mass% of article	False					

00029		Mercury/Mercury Compounds	All, except batteries	Intentionally Added or 0.1 mass% of total Hg in homogenous material	False						
00030		Mercury/Mercury Compounds	Batteries	Intentionally added or 0.0001 mass% of battery	False						
00031		Nickel/Nickel Compounds	All, where prolonged skin contact is expected	Intentionally Added	False						
00032		Ozone Depleting Substances (CFC, Halon, HBFC, HCFC & others)	All	Intentionally Added	False						
00033		Perchlorates	All	6 x 10 <sup>-7</sup> mass% of battery or product part	False						
00035	3846-71-7	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	All	Intentionally added or 0.1 mass% of article	False						
00036		Phthalates, Selected Group 1 (DEHP, DBP, BBP, DIBP)	Children's toy or child care article	0.1 mass% as the sum of the phthalate concentrations in plasticized material	False						
00037		Phthalates, Selected Group 2 (DIDP, DINP, DNOP)	Children's toy or child care article that can be placed in a child's mouth	0.1 mass% as the sum of the phthalate concentrations in plasticized material	False						
00038	117-81-7	Bis (2-ethylhexyl)phthalate (DEHP)	All	0.1 mass% in homogenous material	False						
00039	84-74-2	Dibutyl phthalate (DBP)	All	0.1 mass% in homogenous material	False						
00040	85-68-7	Benzyl butyl phthalate (BBP)	All	0.1 mass% in homogenous material	False						
00041	84-69-5	Diisobutyl phthalate	All	0.1 mass% in homogenous material	False						
00042	71888-89-6	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	All	0.1 mass% of article	False						
00043	68515-42-4	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	All	0.1 mass% of article	False						
00044		Polybrominated biphenyls (PBB)	All	0.1 mass% in homogenous material	False						
00045		Polybrominated diphenyl ethers (PBDE)	All	0.1 mass% in homogenous material	False						
00046		Polychlorinated Biphenyls (PCBs) and specific substitutes	All	Intentionally added	False						
00047		Polychlorinated Terphenyls (PCTs)	All	0.005 mass% in material	False						

00048		Polychlorinated naphthalenes	All	Intentionally added	False						
00049		Radioactive substances	All	Intentionally added	False						
00050		Aluminosilicate Refractory Ceramic Fibres	All	0.1 mass% of article	False						
00051		Zirconia Aluminosilicate Refractory Ceramic Fibres	All	0.1 mass% of article	False						
00052		Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	All	Intentionally added or 0.1 mass% of article	False						
00053	7789-06-2	Strontium chromate	All	0.1 mass% of article	False						
00054	56-35-9	Bis(tributyltin) oxide (TBTO)	All	Intentionally added or 0.1 mass% of article	False						
00055		Tri-substituted organostannic compounds	All	Intentionally added or 0.1 mass% of tin in the part	False						
00056	115-96-8	Tris(2-chloroethyl) phosphate	All	0.1 mass% of article	False						
00057	140-66-9	4-(1,1,3,3-tetramethylbutyl)phenol	All	0.1 mass% of article	False						
00058	111-96-6	Bis(2-methoxyethyl) ether	All	0.1 mass% of article	False						
00059	117-82-8	Bis(2-methoxyethyl) phthalate	All	0.1 mass% of article	False						
00060	49663-84-5	Pentazinc chromate octahydroxide	All	0.1 mass% of article	False						
00061	11103-86-9	Potassium hydroxyoctaoxodizincatedichromate	All	0.1 mass% of article	False						
00062		Chlorinated Flame Retardants (CFR)	Plastic materials except printed wiring board laminates	0.1 mass% chlorine in plastic materials	False						
00063		Chlorinated Flame Retardants (CFR)	Printed Wiring Board (PWB) Laminates	0.09 mass% total chlorine content in laminate	False						
00064	1163-19-5	Bis(pentabromophenyl) ether (decabromodiphenyl ether) (DecaBDE)	All	0.1 mass% of article	False						
00065	62229-08-7	Sulfurous acid, lead salt, dibasic	All	0.1 mass% of article	False						
00066	112-49-2	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	All	0.1 mass% of article	False						
00067	12141-20-7	Trilead dioxide phosphonate	All	0.1 mass% of article	False						

00068	110-71-4	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	All	0.1 mass% of article	False						
00069	60-09-3	4-aminoazobenzene	All	0.1 mass% of article	False						
00070	12202-17-4	Tetralead trioxide sulphate	All	0.1 mass% of article	False						
00071	1314-41-6	Orange lead (lead tetroxide)	All	0.1 mass% of article	False						
00072	8012-00-8	Pyrochlore, antimony lead yellow	All	0.1 mass% of article	False						
00073	12065-90-6	Pentalead tetraoxide sulphate	All	0.1 mass% of article	False						
00074	629-14-1	1,2-diethoxyethane	All	0.1 mass% of article	False						
00075	1303-86-2	Diboron trioxide	All	0.1 mass% of article	False						
00076	683-18-1	Dibutyltin dichloride (DBTC)	All	0.1 mass% of article	False						
00077	20837-86-9	Lead cyanamidate	All	0.1 mass% of article	False						
00078	68-12-2	N,N-dimethylformamide	All	0.1 mass% of article	False						
00079	68784-75-8	Silicic acid (H <sub>2</sub> SiO <sub>5</sub> ), barium salt (1:1), lead-doped	All	0.1 mass% of article	False						
00080	84777-06-0	1,2-Benzenedicarboxylic acid, dipentyl ester, branched and linear	All	0.1 mass% of article	False						
00081	605-50-5	Diisopentyl phthalate	All	0.1 mass% of article	False						
00082	776297-69-9	N-pentyl-isopentylphthalate	All	0.1 mass% of article	False						
00083	12060-00-3	Lead titanium trioxide	All	0.1 mass% of article	False						
00084	12626-81-2	Lead titanium zirconium oxide	All	0.1 mass% of article	False						
00085	12036-76-9	Lead oxide sulfate	All	0.1 mass% of article	False						
00086	69011-06-9	[Phthalato(2-)]dioxotrilead	All	0.1 mass% of article	False						
00087	12578-12-0	Dioxobis(stearato)trilead	All	0.1 mass% of article	False						
00088	91031-62-8	Fatty acids, C16-18, lead salts	All	0.1 mass% of article	False						
00089	10099-74-8	Lead dinitrate	All	0.1 mass% of article	False						
00090	68515-49-1 ; 26761-40-0	Di-isodecyl phthalate (DIDP)	All	Intentionally added	False						
00091	84-75-3	Di-n-hexyl phthalate (DnHP)	All	Intentionally added or 0.1 mass% of article	False						
00092		Hexahydromethylphthalic anhydride	All	0.1 mass% of article	False						
00093	7440-43-9	Cadmium	All	0.1 mass% of article	False						
00094	1306-19-0	Cadmium oxide	All	0.1 mass% of article	False						
00095	131-18-0	Dipentyl phthalate (DPP)	All	0.1 mass% of article	False						
00096	335-67-1	Pentadecafluorooctanoic acid (PFOA)	All	0.1 mass% of article	False						



00097	3825-26-1	Ammonium pentadecafluorooctanoate (APFO)	All	0.1 mass% of article	False						
00098		4-Nonylphenol, branched and linear, ethoxylated	All	0.1 mass% of article	False						
00099	1306-23-6	Cadmium sulphide	All	0.1 mass% of article	False						
00100	25155-23-1	Trixylyl phosphate	All	0.1 mass% of article	False						
00102	573-58-0	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	All	0.1 mass% of article	False						
00103		Perfluorooctanoic acid (PFOA) and individual salts and esters of PFOA	Textiles, photographic coatings applied to films, paper or printing plates and other coated consumer products.	1 microgram/m2 (as the sum of PFOA)	False						
00104		Perfluorooctanoic acid (PFOA) and individual salts and esters of PFOA	All except textiles, photographic coatings applied to films, paper or printing plates and other coated consumer products.	0.1 mass% of the part (as the sum of PFOA)	False						
00105	96-45-7	Imidazolidine-2-thione (2-imidazoline-2-thiol)	All	0.1 mass% of article	False						
00106	68515-50-4	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	All	0.1 mass% of article	False						
00107	28553-12-0 ; 68515-48-0	Diisononyl phthalate (DINP)	All	Intentionally added	False						
00108	50-32-8	Benzo[a]pyrene (BaP)	Rubber or plastic parts that come into direct, prolonged or repetitive skin or oral cavity contact except those for toys or childcare articles	0.0001 mass% of the plastic or rubber part	False						
00109	192-97-2	Benzo[e]pyrene (BeP)	Rubber or plastic parts that come into direct, prolonged or repetitive skin or oral cavity contact except those for toys or childcare articles	0.0001 mass% of the plastic or rubber part	False						

00110	56-55-3	Benzo[a]anthracene (BaA)	Rubber or plastic parts that come into direct, prolonged or repetitive skin or oral cavity contact except those for toys or childcare articles	0.0001 mass% of the plastic or rubber part	False						
00111	218-01-9	Chrysen (CHR)	Rubber or plastic parts that come into direct, prolonged or repetitive skin or oral cavity contact except those for toys or childcare articles	0.0001 mass% of the plastic or rubber part	False						
00112	205-99-2	Benzo[b]fluoranthene (BbFA)	Rubber or plastic parts that come into direct, prolonged or repetitive skin or oral cavity contact except those for toys or childcare articles	0.0001 mass% of the plastic or rubber part	False						
00113	205-82-3	Benzo[j]fluoranthene (BjFA)	Rubber or plastic parts that come into direct, prolonged or repetitive skin or oral cavity contact except those for toys or childcare articles	0.0001 mass% of the plastic or rubber part	False						
00114	207-08-9	Benzo[k]fluoranthene (BkFA)	Rubber or plastic parts that come into direct, prolonged or repetitive skin or oral cavity contact except those for toys or childcare articles	0.0001 mass% of the plastic or rubber part	False						
00115	53-70-3	Dibenzo[a,h]anthracene (DBA <sub>h</sub> A)	Rubber or plastic parts that come into direct, prolonged or repetitive skin or oral cavity contact except those for toys or childcare articles	0.0001 mass% of the plastic or rubber part	False						
00116	50-32-8	Benzo[a]pyrene (BaP)	Rubber or plastic parts of toys and childcare articles that come into direct, prolonged or repetitive skin or oral cavity contact	0.00005 mass% of the plastic or rubber part	False						

00117	192-97-2	Benzo[e]pyrene (BeP)	Rubber or plastic parts of toys and childcare articles that come into direct, prolonged or repetitive skin or oral cavity contact	0.00005 mass% of the plastic or rubber part	False						
00118	56-55-3	Benzo[a]anthracene (BaA)	Rubber or plastic parts of toys and childcare articles that come into direct, prolonged or repetitive skin or oral cavity contact	0.00005 mass% of the plastic or rubber part	False						
00119	218-01-9	Chrysen (CHR)	Rubber or plastic parts of toys and childcare articles that come into direct, prolonged or repetitive skin or oral cavity contact	0.00005 mass% of the plastic or rubber part	False						
00120	205-99-2	Benzo[b]fluoranthene (BbFA)	Rubber or plastic parts of toys and childcare articles that come into direct, prolonged or repetitive skin or oral cavity contact	0.00005 mass% of the plastic or rubber part	False						
00121	205-82-3	Benzo[j]fluoranthene (BjFA)	Rubber or plastic parts of toys and childcare articles that come into direct, prolonged or repetitive skin or oral cavity contact	0.00005 mass% of the plastic or rubber part	False						
00122	207-08-9	Benzo[k]fluoranthene (BkFA)	Rubber or plastic parts of toys and childcare articles that come into direct, prolonged or repetitive skin or oral cavity contact	0.00005 mass% of the plastic or rubber part	False						
00123	53-70-3	Dibenzo[a,h]anthracene (DBA <sub>h</sub> A)	Rubber or plastic parts of toys and childcare articles that come into direct, prolonged or repetitive skin or oral cavity contact	0.00005 mass% of the plastic or rubber part	False						
00124		Perfluorooctane sulfonates (PFOS)	Textiles or other coated materials.	Intentionally added or 1 microgram/m <sup>2</sup> of coated material	False						

00125		Perfluorooctane sulfonates (PFOS)	All except textiles or other coated materials.	Intentionally added or 0.1 mass% of the part (as the sum of PFOS)	False						
00126	1937-37-7	Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	All	0.1 mass% of article	False						
00128	15571-58-1	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	All	0.1 mass% of article	False						
00129		Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	All	0.1 mass% of article	False						
00130	25973-55-1	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	All	0.1 mass% of article	False						
00131	68515-51-5 ; 68648-93-1	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters or mixed decyl and hexyl and octyl diesters	All	0.1 mass% of article	False						
00132		Mercury/Mercury Compounds	Batteries	0.0005 mass% of total Hg in homogenous material	False						
00133	1120-71-4	1,3-propanesultone	All	0.1 mass% of article	False						
00134	3864-99-1	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	All	0.1 mass% of article	False						
00135	36437-37-3	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	All	0.1 mass% of article	False						

00138	50-32-8	Benzo[def]chrysene (Benzo[a]pyrene)	All	0.1 mass% of article	False						
00139	84-61-7	Dicyclohexyl phthalate	All	0.1 mass% of article	False						
00140		Perfluorononan-1-oic-acid and its sodium and ammonium salts	All	0.1 mass% of article	False						
00141	80-05-7	4,4'-isopropylidenediphenol	All	Intentionally added or 0.1 mass% of article	False						
00142		Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	All	0.1 mass% of article	False						
00143		Perfluorohexane-1-sulphonic acid and its salts	All	0.1 mass% of article	False						
00144	218-01-9	Chrysene	All	0.1 mass% of article	False						
00145	56-55-3	Benz[a]anthracene	All	0.1 mass% of article	False						
00146	21041-95-2	Cadmium hydroxide	All	0.1 mass% of article	False						
00147		1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™)	All	0.1 mass% of article	False						
00148	191-24-2	Benzo[ghi]perylene	All	0.1 mass% of article	False						
00149	556-67-2	Octamethylcyclotetrasiloxane	All	0.1 mass% of article	False						
00150	541-02-6	Decamethylcyclopentasiloxane	All	0.1 mass% of article	False						
00151	540-97-6	Dodecamethylcyclohexasiloxane	All	0.1 mass% of article	False						
00152	12008-41-2	Disodium octaborate	All	0.1 mass% of article	False						
00153	61788-32-7	Terphenyl, hydrogenated	All	0.1 mass% of article	False						
00154	7439-92-1	Lead	All	0.1 mass% of article	False						
00155	6807-17-6	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	All	0.1 mass% of article	False						
00156	207-08-9	Benzo[k]fluoranthene	All	0.1 mass% of article	False						
00157	206-44-0	Fluoranthene	All	0.1 mass% of article	False						
00158	85-01-8	Phenanthrene	All	0.1 mass% of article	False						
00159	129-00-0	Pyrene	All	0.1 mass% of article	False						
00160		Perfluorooctanoic acid and its salts	All	0.0000025 mass% of PFOA including its salts in article or mixture	False						
00161		PFOA-related substances	All	0.0001 mass% of one or a combination of PFOA-related substances, in article or mixture	False						

00162		Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with $\geq 0.1\%$ w/w of 4-nonylphenol, branched and linear (4-NP)	All	0.1 mass% of article	False						
00163	12267-73-1	Tetraboron disodium heptaoxide, hydrate	All	0.1 mass% of article	False						
00164	71850-09-4	Diisohexyl phthalate	All	0.1 mass% of article	False						
00165		Perfluorobutane sulfonic acid (PFBS) and its salts	All	0.1 mass% of article	False						