Schema Database Version* IEC 62474 X3.00
Substance Database Version* IEC 62474 D5.00

Supplier Information

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Response Date*	9/15/2014		

Supplier Comments

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Product(s)

Product Family Name: None

Requester Item Number	Mfr Item Number*	Mfr Item Description	Effective Date*	Mass*	UOM*	Comment
R143308	F1UL16RISER	1U PCIE Riser F1UL16RISER (1 Slot), Single	9/15/2014	183	g	

Product Part(s)

ID*	Description	Effective Date*	Units*	Product Mass /g	Comment*
RESISTORS	RESISTORS	9/15/2014	21	0.021 g	
CONNECTOR	CONNECTOR	9/15/2014	1	9.39 g	
	Other Misc Parts	9/15/2014	1	173.589 g	

Declaration

This product is Low Halogen (Components): Applies only to brominated and chlorinated flame retardants (BFRs/CFRs) and PVC in the final product. The replacement of halogenated flame retardants and/or PVC may not be better for the environment. Intel components as well as purchased components on the finished assembly meet the joint JEDEC/ECA JS-709A requirement.		**False**
This product is EU RoHS 2 (Directive 2011/65/EU) compliant.		**True**
This product contains the selected exemptions from IPC EL2010/571/EU list.		**True**
Exemptions	**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

Signature

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

Part ID	Description	# of Units	Part Mass (g)
RESISTORS	**RESISTORS**	**21**	**0.021**

RoHS

Homogeneous Material Name	Material Class ID	HM Mass (g)	Substance Group	Reportable Application	Reporting Threshold	Above Threshold? (T/F)	Substance Mass (g)	Exemption	Comments
			Cadmium/Cadmium compounds	All, except batteries	0.01 mass% of total Cd in homogenous material	False			
			Chromium (VI) Compounds	All	0.1 mass% of total Cr+6 in homogenous material	False			
Glass	M-010	1E-05	Lead/Lead Compounds	All, except for batteries, cables and children's articles/toys	0.1 mass% of total Pb in homogenous material	True	3E-06 g	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	

			Mercury/Mercury Compounds	All, except batteries	Intentionally Added or 0.1 mass% of total Hg in homogenous material	False			
			Polybrominated Biphenyls (PBBs)	All	0.1 mass% in homogenous material	False			
			Polybrominated Diphenylethers (PBDEs)	All	0.1 mass% in homogenous material	False			

Part ID	Description	# of Units	Part Mass (g)
CONNECTOR	CONNECTOR	1	9.39

RoHS

Homogeneous Material Name	Material Class ID	HM Mass (g)	Substance Group	Reportable Application	Reporting Threshold	Above Threshold? (T/F)	Substance Mass (g)	Exemption	Comments
			Cadmium/Cadmium compounds	All, except batteries	0.01 mass% of total Cd in homogenous material	False			
			Chromium (VI) Compounds	All	0.1 mass% of total Cr+6 in homogenous material	False			
			Lead/Lead Compounds	All, except for batteries, cables and children's articles/toys	0.1 mass% of total Pb in homogenous material	False			
			Mercury/Mercury Compounds	All, except batteries	Intentionally Added or 0.1 mass% of total Hg in homogenous material	False			
			Polybrominated Biphenyls (PBBs)	All	0.1 mass% in homogenous material	False			
			Polybrominated Diphenylethers (PBDEs)	All	0.1 mass% in homogenous material	False			

Low Halogen

Homogeneous	Material	Material	Substance Group	Reportable	Reporting	Above	Substance	Comments

Material Name	Class ID	Mass (g)		Application	Threshold	Threshold? (T/F)	Mass (g)	
Plastic material	M-013	7.9815 g	Brominated flame retardants (other than PBBs, PBDEs, or HBCDD)	Plastic materials except printed wiring board laminates	0.1 mass% of bromine	True	0.79815 g	

Part ID	Description	# of Units	Part Mass (g)
	Other Misc Parts	**1**	**173.589**

RoHS

Homogeneous Material Name	Material Class ID	HM Mass (g)	Substance Group	Reportable Application	Reporting Threshold	Above Threshold? (T/F)	Substance Mass (g)	Exemption	Comments
			Cadmium/Cadmium compounds	All, except batteries	0.01 mass% of total Cd in homogenous material	False			
			Chromium (VI) Compounds	All	0.1 mass% of total Cr+6 in homogenous material	False			
			Lead/Lead Compounds	All, except for batteries, cables and children's articles/toys	0.1 mass% of total Pb in homogenous material	False			
			Mercury/Mercury Compounds	All, except batteries	Intentionally Added or 0.1 mass% of total Hg in homogenous material	False			
			Polybrominated Biphenyls (PBBs)	All	0.1 mass% in homogenous material	False			
			Polybrominated Diphenylethers (PBDEs)	All	0.1 mass% in homogenous material	False			

Other Declarable Substances

Substance Group	Substance	CAS #	Reportable Application	Reporting Threshold	Above Threshold? (T/F)	Substance Mass /g	Comments

4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]			All	0.1 mass%	False	0 g	
Asbestos			All	Intentionally added	False	0 g	
Azocolourants and azodyes which form certain aromatic amines			Textiles and Leather	0.003% by weight of the finished textile/leather product	False	0 g	
Cadmium/Cadmium compounds			Batteries	0.001% by weight of battery	False	0 g	
Dibutyltin (DBT) compounds			All	0.1 mass% of tin in the part	False	0 g	
Dibutyltin (DBT) compounds	Dibutyltin dichloride (DBTC)	683-18-1	All	0.1 mass%	False	0 g	
Dioctyltin (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	0 g	
Disodium tetraborates			All	0.1 mass%	False	0 g	
Fluorinated Greenhouse Gases (PFC, SF6, HFC)			All	Intentionally Added	False	0 g	
Hexabromocyclododecane (HBCDD) and all major diastereoisomers			All	0.1 mass%	False	0 g	

Hexahydromethylphthalic anhydride	Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4]	25550-51-0 19438-60-9 48122-14-1 57110-29-9	All	0.1 mass%	False	0 g	
Lead/Lead Compounds			Consumer products designed or intended primarily for children 12 years of age or younger	0.01 mass%	False	0 g	
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	0 g	
Lead/Lead Compounds			Cables/cords with thermoset or thermoplastic coatings	0.03 mass% of surface coating material	False	0 g	
Lead/Lead Compounds			Batteries	0.004 mass% of battery	False	0 g	
Mercury/Mercury Compounds			Batteries	Intentionally added or 0.0001 mass% of battery	False	0 g	
Ozone Depleting Substances (CFC, Halon, HBFC, HCFC & others)			All	Intentionally Added	False	0 g	
Perchlorates			All	6 x 10 ^-7 mass% of battery or product part	False	0 g	
Perfluorooctane sulfonates (PFOS)			All	Intentionally added or 0.1mass% in material	False	0 g	
Phthalates, Selected Group 1 (BBP, DBP, DEHP)			Children's toy or child care article	0.1 mass% as the sum of the phthalate concentrations in plasticized material	False	0 g	
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	0 g	
Polychlorinated Biphenyls (PCBs) and specific substitutes			All	Intentionally added	False	0 g	

Polychlorinated Naphthalenes (PCNs)			All	Intentionally added	False	0 g	
Polychlorinated Terphenyls (PCTs)			All	0.005 mass% in material	False	0 g	
Radioactive substances			All	Intentionally added	False	0 g	
Refractory Ceramic Fibres (RCF), Aluminosilicate			All	0.1 mass %	False	0 g	
Refractory Ceramic Fibres (RCF), Zirconia Aluminosilicate			All	0.1 mass %	False	0 g	
Shortchain Chlorinated Paraffins (C10 – C13)			All	0.1 mass%	False	0 g	
Tri-substituted organostannic compounds			All	Intentionally added or 0.1 mass% of tin in the part	False	0 g	
	[Phthalato(2-)]dioxotrilead	69011-06-9	All	0.1 mass%	False	0 g	
	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	71888-89-6	All	0.1 mass%	False	0 g	
	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	68515-42-4	All	0.1 mass%	False	0 g	
	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	All	0.1 mass%	False	0 g	
	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2	All	0.1 mass%	False	0 g	
	1,2-Diethoxyethane	629-14-1	All	0.1 mass%	False	0 g	
	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	All	0.1 mass%	False	0 g	
	4-(1,1,3,3-tetramethylbutyl)phenol, (4-tert-Octylphenol)	140-66-9	All	0.1 mass%	False	0 g	

	4-[4,4'-bis(dimethylamino) benzhydrylidene] cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Violet 3)	548-62-9	All	0.1 mass%	False	0 g	
	4-Aminoazobenzene	60-09-3	All	0.1 mass%	False	0 g	
	Ammonium pentadecafluorooctanoate (APFO)	3825-26-1	All	0.1 mass%	False	0 g	
	Benzylbutylphthalate (BBP)	85-68-7	All	0.1 mass%	False	0 g	
	Beryllium Oxide	1304-56-9	All	0.1 mass%	False	0 g	
	Bis(2-methoxyethyl) ether	111-96-6	All	0.1 mass%	False	0 g	
	Bis(2-methoxyethyl) phthalate	117-82-8	All	0.1 mass%	False	0 g	
	Boric acid		All	0.1 mass%	False	0 g	
	Cadmium	7440-43-9	All	0.1 mass%	False	0 g	
	Cadmium oxide	1306-19-0	All	0.1 mass%	False	0 g	
	Cobalt Dichloride	7646-79-9	All	0.1 mass%	False	0 g	
	Decabromodiphenyl ether	1163-19-5	All	0.1 mass%	False	0 g	
	Di(2-ethylhexyl)phthalate (DEHP)	117-81-7	All	0.1 mass%	False	0 g	
	Diarsenic pentoxide	1303-28-2	All	0.1 mass%	False	0 g	
	Diarsenic trioxide	1327-53-3	All	0.1 mass%	False	0 g	
	Diboron trioxide	1303-86-2	All	0.1 mass%	False	0 g	
	Dibutylphthalate (DBP)	84-74-2	All	0.1 mass%	False	0 g	
	Diisobutyl phthalate (DIBP)	84-69-5	All	0.1 mass%	False	0 g	
	Di-isodecyl phthalate (DIDP)	68515-49-1 26761-40-0	All	Intentionally added	False	0 g	
	Diisopentylphthalate (DIPP)	605-50-5	All	0.1 mass%	False	0 g	
	Dimethyl Fumarate (DMF)	624-49-7	All	0.00001 mass% of the part	False	0 g	
	Di-n-hexyl Phthalate (DnHP)	84-75-3	All	Intentionally added	False	0 g	

	Dioxobis(stearato)trilead	12578-12-0	All	0.1 mass%	False	0 g	
	Dipentyl phthalate (DPP)	131-18-0	All	0.1 mass%	False	0 g	
	Fatty acids, C16-18, lead salts	91031-62-8	All	0.1 mass%	False	0 g	
	Formaldehyde	50-00-0	Textiles	0.0075 mass % of textile	False	0 g	
	Lead (II) chromate	7758-97-6	All	0.1 mass%	False	0 g	
	Lead chromate molybdate sulphate red	12656-85-8	All	0.1 mass%	False	0 g	
	Lead cynamidate	20837-86-9	All	0.1 mass%	False	0 g	
	Lead dinitrate	10099-74-8	All	0.1 mass%	False	0 g	
	Lead oxide sulfate	12036-76-9	All	0.1 mass%	False	0 g	
	Lead sulfochromate yellow	1344-37-2	All	0.1 mass%	False	0 g	
	Lead titanium trioxide	12060-00-3	All	0.1 mass%	False	0 g	
	Lead titanium zirconium oxide	12626-81-2	All	0.1 mass%	False	0 g	
	N,N-dimethylformamide	68-12-2	All	0.1 mass%	False	0 g	
	Nickel	7440-02-0	All, where prolonged skin contact is expected	Intentionally Added	False	0 g	
	N-pentyl-isopentylphthalate	776297-69-9	All	0.1 mass%	False	0 g	
	Orange lead (lead tetroxide)	1314-41-6	All	0.1 mass%	False	0 g	
	Pentadecafluorooctanoic Acid (PFOA)	335-67-1	All	0.1 mass%	False	0 g	
	Pentalead tetraoxide sulphate	12065-90-6	All	0.1 mass%	False	0 g	
	Pentazinc chromate octahydroxide	49663-84-5	All	0.1 mass%	False	0 g	
	Phenol, 2-(2H-benzotriazol-2-yl)-4,6-bis(1,1-dimethlethyl)-	3846-71-7	All	Intentionally added	False	0 g	
	Potassium hydroxyoctaoxodizincate dichromate	11103-86-9	All	0.1 mass%	False	0 g	
	Pyrochlore, antimony lead yellow	8012-00-8	All	0.1 mass%	False	0 g	

	Silicic acid (H2Si2O5), barium salt (1:1), lead-doped	68784-75-8	All	0.1 mass%	False	0 g	
	Strontium chromate	7789-06-2	All	0.1 mass%	False	0 g	
	Sulfurous acid, lead salt, dibasic	62229-08-7	All	0.1 mass%	False	0 g	
	Tetralead trioxide sulfate	12202-17-4	All	0.1 mass%	False	0 g	
	Tributyl Tin Oxide (TBTO)	56-35-9	All	Intentionally added or 0.1 mass%	False	0 g	
	Trilead dioxide phosphonate	12141-20-7	All	0.1 mass%	False	0 g	
	Tris (2-chloroethyl) phosphate (TCEP)	115-96-8	All	0.1 mass%	False	0 g	