	BOCINTION CONNECTING CTRONICS INDUSTRIES*				This document is a declaration of the substances within the manufacturer listed item. Note: if the item is an assembly with lower level parts, the declaration encompasses all lower level materials for which the manufacturer has engineering responsibility.										
752-21.1	IPC Web Site for Information on IPC-1752 Standard Form Type http://www.ipc.org/IPC-175x Distribute					*	Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Mater					als and Mfg Information			
upplie	r Information														
Company name* Company unique ID					1	Unique ID Authority Resp					Response	esponse Date*			
nsemi												2024-05-	20		
ontact N	Jame		Title - Contact]	Phone - Contact*					Email - Contact*			
Product-l	Env-Stewards		Product Enviro Compliance				NA				Product-Env-Stewards@onsemi.com				
uthorize	ed Representative*		Title - Repre	Title - Representative			Phone - Representative*			Email - Representative*					
roduct-l	Env-Stewards		Product Envi	ro Compliance		NA Product-Env-Stewards@onsemi.com					om				
	Requester Item Number Mfr Item		Number	Mfr Item Name			Effective Date	e Vers	sion	Manufactu	ing Site	Site Weight* UOM Un			Unit Type
		NFCS10	60L3TT	PFC+3 phase INV	/ combo IPM		2024-05-20			VN5		1	8475.07	mg	Each
Ianufa	ecturing Proccess Informat	ion					•					<u>,</u>			
Terminal Plating / Grid Array Material Ter			erminal Base	Alloy J	J-STD-020 MSL Rating Peak Process Body Temperature Max Time at Peak Temperature		Temperatu	ire Numbe	er of Reflow Cy	cles					
Matte Tin (Sn) - annealed CU Alloy			Γ	NA		0		С	30		second	ls 3			
omments	8														
or more	information regarding material of	composition	please refer to	page 3											

RoHS Material Composition Declaration				Declaration Type *	Detailed
Directive 2015/863/EU amending RoHS Directive 2011/65/EU		mium (Cr6+), Polybrominated Biphenyls (dmium and quantity limit of 0.1% by mass (100 minated Diphenyl Ethers (PBDE), and Bis(2-ethers)	
cadmium, hexavalentchromium, polybromina contains a RoHS restricted substance inexcess encompass all such components.Supplier cert as of the date that Supplier completes this for Company acknowledges that Supplier may ha independently verified information provided certification in this paragraph.If the Company	ted biphenyls and/or polybrominated dip of an applicable quantity limit, please in ifies that it gathered the information it pr m.Supplier acknowledges that Company ve relied on informationprovided by oth by others, Supplier agrees that, at a minir and the Supplier enter into a written agr source of the Supplier's liability and the	henyl ethers (each a "RoHS restricted subs ndicate below which, if any, RoHS exempt ovides in this form using appropriate meth will rely on this certification in determinin ers in completing this form, and that Suppl num, itssuppliers have provided certificatio eement with respect to the identified part,t Company's remedies for issues that arise r	stance") in exce ion you believe ods to ensure i g the compliar ier may not ha ons regarding t he terms and co	ropean Union member states) of the part identifiess of the applicable quantity limit identified able may apply. If the part is an assembly with low is accuracy and that such information is true and ce of its products with European Union member independently verified such information. How heir contributions to the part, and those certifica onditions of that agreement, including any warra nation the Supplier provides in this form. In the	ove. If a homogeneous material within the part er level components, the declaration shall l correct to the best of its knowledge and belief, r state laws that implement the RoHS Directive. wever, in situations where Supplier has not tions are at least as comprehensive as the inty rights and/or remedies provided as part of
RoHS Declaration * 4 - Item(s) does not contain RoHS restricted subst	ances per the definition above except for se	elected exempt	ions Supplier Acceptance	* Accepted
Exemption: 7c-I Electrical and electronic c	omponents containing lead in a glass o	r ceramic other than dielectric ceramic	in capacitors,	e.g. piezoelectronic devices, or in a glass or c	eramic matrix compound.
Exemption List Version	EL-2011/534/EU				
Declaration Signature					
Instructions: Complete all of the required Requester) and click on Submit Form to ha			ice drop-dowi	a. This will display the signature area. Digital	ly sign the declaration (if required by the
Supplier Digital Signature R	astislav Drska	Le			

Homogeneous Material Composition Declaration for Electronic Products

SubItem Instructions: The presence of any JIG Level A or B substances must be declared. [1] indicate the subpart in which the substance is located, [2] provide a description of the homogeneous material [3], enter the weight of the homogeneous material.

Homogeneous Material	Weight	Unit of Measure	Level	Substance	CAS	Exempt	Weight	Unit of Measure
Capacitors Ceramic	11.2	mg	Supplier	Titanium Dioxide (TiO2)	13463-67-7		2.2365	mg
			Supplier	Tin (Sn)	7440-31-5		0.3291	mg
			Supplier	Misc.	Proprietary Data		0.879	mg
			Supplier	Barium Monoxide (BaO)	1304-28-5		4.4731	mg
			В	Nickel (Ni)	7440-02-0		2.0791	mg
			Supplier	Copper (Cu)	7440-50-8		1.2033	mg
Die	40.79	mg	Supplier	Silicon (Si)	7440-21-3		40.79	mg
Die Attach	104.65	mg	Supplier	Silver (Ag)	7440-22-4		3.1395	mg
			Supplier	Tin (Sn)	7440-31-5		100.9873	mg
			Supplier	Copper (Cu)	7440-50-8		0.5232	mg
Die SiC	1.49	mg	Supplier	Silicon Carbide	409-21-2		1.49	mg
Heat Sink	1438.13	mg	Supplier	Silver (Ag)	7440-22-4		5.7525	mg
			Supplier	Copper (Cu)	7440-50-8		1432.3774	mg
Lead Frame	988.61	mg	Supplier	Tin (Sn)	7440-31-5		0.3954	mg
			Supplier	Copper (Cu)	7440-50-8		988.2145	mg
Iold Compound-Black	10300.7	mg	Supplier	Phenol, polymer with 1,4- bis(methoxymethyl)benzene	26834-02-6		133.9091	mg
			Supplier	Polymer(phenyl glycidil ether)-co- dicyclopentadiene	119345-05-0		515.035	mg
			В	Brominated Bisphenol A Diglycidyl Ether	40039-93-8		206.014	mg
			В	Antimony Trioxide (Sb2O3)	1309-64-4		206.014	mg
			Supplier	Carbon Black (C)	1333-86-4		51.5035	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		6695.4551	mg
			Supplier	Ortho-Cresol Novolac Resin	29690-82-2		515.035	mg
			В	Antimony Pentoxide (Sb2O5)	1314-60-9		20.6014	mg
			Supplier	Phenolic Resin (Novolac)	9003-35-4		515.035	mg
			Supplier	Silica Crystalline (SiO2)	14808-60-7		1442.098	mg
lating	26.39	mg	Supplier	Tin (Sn)	7440-31-5		16.2404	mg
			В	Nickel (Ni)	7440-02-0		10.1496	mg
lesistor	26.96	mg		Epoxy resin	proprietary data		0.2189	mg
			Supplier	Silicon Dioxide	7631-86-9		0.595	mg
			Supplier	Glass Frit	65997-18-4	7c	0.1957	mg

			Supplier	Silver (Ag)	7440-22-4	0.5338	mg
			Supplier	Tin (Sn)	7440-22-4 7440-31-5	0.9538	
				· · · · · ·	7440-31-3	0.9338	mg
			Supplier	Chromium (Cr)			mg
			Supplier	Other Metal Oxide	Proprietary Data	0.4265	mg
			Supplier	Aluminum Trioxide (Al2O3)	1344-28-1	22.8508	mg
			В	Nickel (Ni)	7440-02-0	1.138	mg
Resistor 1	5.13	mg		Epoxy resin	proprietary data	0.1015	mg
			Supplier	Silicon Dioxide	7631-86-9	0.1134	mg
			Supplier	Glass Frit	65997-18-4	0.0409	mg
			Supplier	Silver (Ag)	7440-22-4	0.4818	mg
			Supplier	Tin (Sn)	7440-31-5	0.1249	mg
			Supplier	Misc.	Proprietary Data	0.0092	mg
			Supplier	Other Metal Oxide	Proprietary Data	0.1113	mg
			Supplier	Aluminum Trioxide (Al2O3)	1344-28-1	3.9971	mg
			В	Nickel (Ni)	7440-02-0	0.1499	mg
Solder Wire	16.69	mg	Supplier	Tin (Sn)	7440-31-5	15.2714	mg
		-	В	Antimony (Sb)	7440-36-0	1.4187	mg
Substrate	5458.18	mg		Epoxy resin	proprietary data	54.5818	mg
		-	Supplier	Aluminum Trioxide (Al2O3)	1344-28-1	327.4908	mg
			Supplier	Copper (Cu)	7440-50-8	382.0726	mg
			Supplier	Aluminum (Al)	7429-90-5	4694.0347	mg
Thermistor	1.15	mg	Supplier	Silver (Ag)	7440-22-4	0.0915	mg
		-	Supplier	Tin (Sn)	7440-31-5	0.03	mg
			Supplier	Nickel Oxide (NiO)	1313-99-1	0.1979	mg
			Supplier	Misc.	Proprietary Data	0.1034	mg
			Supplier	Other Metal Oxide	Proprietary Data	0.0057	mg
			Supplier	Palladium (Pd)	7440-05-3	0.0154	mg
			В	Nickel (Ni)	7440-02-0	0.0133	mg
			Supplier	Manganese Tetraoxide (Mn3O4)	1317-35-7	0.6927	mg
Wire Bond	14.6	mg	Supplier	Silicon (Si)	7440-21-3	0.146	mg
			Supplier	Aluminum (Al)	7429-90-5	14.454	mg
Wire Bond - Al	40.4	mg	Supplier	Aluminum (Al)	7429-90-5	40.4	mg