	Material Comp © Copyright 2005. II international and Part	PC, Bannockb	ourn, Illinois. A	All rights reserved untions.	under both	This docume level parts, t	ent is a declarat he declaration e	ion of the sub encompasses a	stances w all lower l	rithin the manufactur level materials for wh	er listed i hich the n	tem. Note: if	the item is an as has engineering	ssembly with lowe responsibility.		
1752-21.1	752-21.1 IPC Web Site for Information on IPC-175 http://www.ipc.org/IPC-175x			ard Form Type * Distribute			Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materia				als and Mfg Information					
Supplier	r Information															
Company	name*		Company un	ique ID			Unique ID Autl	nority			Respons	se Date*				
onsemi											2023-06	-08				
Contact N	ame		Title - Contact				Phone - Contact*				Email - Contact*					
Product-Env-Stewards			Product Enviro Compliance				NA				Product-Env-Stewards@onsemi.com					
Authorized Representative*			Title - Repre	Title - Representative Phone - Representative* Email - Representative*				ive*								
Product-H	Env-Stewards		Product Envi	ro Compliance			NA				Produc	t-Env-Stewa	ards@onsemi.com			
	Requester Item Number	Mfr Item	Number	Mfr Item Name			Effective Date	Version	Ma	anufacturing Site		Weight*	UOM	Unit Type		
		STK5FK	C-CA1D-E	Solar inverter			2023-06-08		VN	N2		49200.03	mg	Each		
/Ianufa	cturing Proccess Informat	tion														
	Terminal Plating / Grid Array Ma	terial T	Cerminal Base	Alloy	J-STD-020 MSI	L Rating	Peak Proc	ess Body Ter	nperature	Max Time at Peak	Temperat	ure Numbe	er of Reflow Cy	cles		
	Matte Tin (Sn) - annealed	C	CU Alloy		NA		0		С	30	secon	ids 3				
omments																
or more i	information regarding material	composition	please refer to	page 3												

RoHS Material Composition Declar	ation			Declaration Type *	Detailed						
Directive 2015/863/EU amending RoHS Directive 2011/65/EU RoHS Definition: Quantity limit of 0.01% by mass (100 PPM) in homogeneous material for Cadmium and quantity limit of 0.1% by mass (1000 PPM) in homogeneous material (Pb), Mercury (Hg), Hexavalent Chromium (Cr6+), Polybrominated Biphenyls (PBB), Polybrominated Diphenyl Ethers (PBDE), and Bis(2-ethylhexyl) phthalate (DEHP), Benzy phthalate (BBP), Dibutyl phthalate (DBP), Diisobutyl phthalate (DIBP).											
cadmium, hexavalentchromium, polyb contains a RoHS restricted substance i encompass all such components.Suppl as of the date that Supplier completes Company acknowledges that Supplier independently verified information pro- certification in this paragraph.If the Co	rominated biphenyls and/or polybror nexcess of an applicable quantity lim ier certifies that it gathered the inforr this form.Supplier acknowledges that may have relied on informationprovi ovided by others, Supplier agrees that ompany and the Supplier enter into a clusivesource of the Supplier's liabili	ninated diphenyl ethers (each a "R it, please indicate below which, if nation it provides in this form usin Company will rely on this certifud ded by others in completing this f , at a minimum, itssuppliers have written agreement with respect to ty and the Company's remedies for	toHS restricted substance") in exce any, RoHS exemption you believe ag appropriate methods to ensure it cation in determining the complian orm, and that Supplier may not hav provided certifications regarding th the identified part,the terms and co or issues that arise regarding inform	ropean Union member states) of the part identifies so of the applicable quantity limit identified about may apply. If the part is an assembly with lows a accuracy and that such information is true and ce of its products with European Union member re independently verified such information. How heir contributions to the part, and those certifica motions 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 restr	icted substances per the definition	above except for selected exempti	ons Supplier Acceptance	* Accepted						
Exemption: 7a: Lead in high melting temperature type solders (i.e. lead based solder alloys containing 85% by weight or more lead). Exemption: 7c-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.											
Exemption List Version	EL-2011/534/EU										
Declaration Signature											
Instructions: Complete all of the required fields on all pages of this form. Select the "Accepted" on the Supplier Acceptance drop-down. This will display the signature area. Digitally sign the declaration (if required by the Requester) and click on Submit Form to have the form returned to the Requester.											
Supplier Digital Signature	Rastislav 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
Ceramic Substrate	12367.3	mg	Supplier	Bisphenol A_Epichlorohydrin Polymer	25068-38-6		154.5912	mg
			Supplier	Aluminum Trioxide (Al2O3)	1344-28-1		609.7079	mg
			В	Nickel (Ni)	7440-02-0		21.0244	mg
			Supplier	Acrylic resins	Proprietary Data		8.6571	mg
			Supplier	Copper (Cu)	7440-50-8		831.0825	mg
			Supplier	Barium Sulfate (BaSO4)	7727-43-7		6.1837	mg
			Supplier	Aluminum (Al)	7429-90-5		10736.0527	mg
Chip Parts	135.86	mg		Brominated epoxy resin	proprietary data		0.1359	mg
			Supplier	Silver (Ag)	7440-22-4		2.0515	mg
			Supplier	Epoxy resins	129915-35-1		3.8584	mg
			Supplier	Bisphenol A, Epichlorohydrin polymer	25036-25-3, 25068- 38-6		0.0272	mg
			Supplier	Tin (Sn)	7440-31-5		4.6736	mg
			Supplier	Organic Phosphorus compound	Proprietary Data		0.0136	mg
			Supplier	Silica Amorphous (SiO2)	7631-86-9		6.3582	mg
			Supplier	Chromium (Cr)	7440-47-3		0.0136	mg
			Supplier	Ceramic	12013-47-7, 12047- 27-7		46.3147	mg
			Supplier	Phenolic resins	Proprietary Data		0.0679	mg
			В	Antimony Trioxide (Sb2O3)	1309-64-4		0.1359	mg
			Supplier	Silicon (Si)	7440-21-3		0.2717	mg
			Supplier	Carbon Black (C)	1333-86-4		0.0408	mg
			Supplier	Aluminum Hydroxide (Al(OH)3)	21645-51-2		1.1548	mg
			Supplier	Aluminum Trioxide (Al2O3)	1344-28-1		34.9296	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		6.2767	mg
			В	Nickel (Ni)	7440-02-0		4.3883	mg
			Supplier	Gold (Au)	7440-57-5		0.2717	mg
			А	Lead Oxide (PbO)	1317-36-8	7c	1.0189	mg
			Supplier	Copper (Cu)	7440-50-8		23.8298	mg
			Supplier	Silica Crystalline (SiO2)	14808-60-7		0.0272	mg
Die	28.49	mg	Supplier	Silicon (Si)	7440-21-3		28.4074	mg
			Supplier	Polyimide	Proprietary Data		0.0826	mg

Die Attach	25.63	mg	Supplier	Silver (Ag)	7440-22-4		1.2815	mg
			Supplier	Other Epoxy resins	Proprietary Data		0.2563	mg
			А	Lead (Pb)	7439-92-1	7a	22.8107	mg
			Supplier	Tin (Sn)	7440-31-5		1.1533	mg
			Supplier	Other Metal Oxide	Proprietary Data		0.1025	mg
			В	Antimony Pentoxide (Sb2O5)	1314-60-9		0.0256	mg
Heat Sink	1821.15	mg	Supplier	Silver (Ag)	7440-22-4		5.0992	mg
			Supplier	Copper (Cu)	7440-50-8		1816.0508	mg
Lead Frame	2330.84	mg	Supplier	Iron (Fe)	7439-89-6		2.3308	mg
			Supplier	Copper (Cu)	7440-50-8		2327.8101	mg
			Supplier	Phosphorus (P)	7723-14-0		0.6993	mg
Mold Compound-Black	31656.3	mg		Brominated epoxy resin	proprietary data		60.147	mg
			Supplier	Phenolic Resin	Proprietary Data		1459.3555	mg
			В	Antimony Trioxide (Sb2O3)	1309-64-4		60.147	mg
			Supplier	Carbon Black (C)	1333-86-4		107.6314	mg
			Supplier	Aluminum Hydroxide (Al(OH)3)	21645-51-2		2048.1626	mg
			Supplier	Aluminum Trioxide (Al2O3)	1344-28-1		5125.1553	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		19493.9512	mg
			Supplier	Ortho-Cresol Novolac Resin	29690-82-2		3118.1458	mg
			Supplier	Silica Crystalline (SiO2)	14808-60-7		183.6026	mg
Plating	62.6	mg	Supplier	Tin (Sn)	7440-31-5		33.2156	mg
			В	Nickel (Ni)	7440-02-0		29.3844	mg
Solder Ball	466.37	mg	Supplier	Silver (Ag)	7440-22-4		14.5974	mg
			Supplier	Tin (Sn)	7440-31-5		448.2748	mg
			В	Antimony (Sb)	7440-36-0		0.0466	mg
			Supplier	Copper (Cu)	7440-50-8		3.4511	mg
Wire Bond - Al	305.49	mg	Supplier	Aluminum (Al)	7429-90-5		305.49	mg