ASSOCIATION CONNECTING ASSOCIATION CONNECTING ELECTRONICS INDUSTRIES® international and Par	PC. Bannock	burn, Illinois, A	ll rights reserved nations.	under both	This docume level parts, t	ent is a declaration en declaration en	on of the su	bstances w all lower	vithin the manufactu level materials for w	rer listed it which the m	em. Note: i anufacture	if the item is an as r has engineering	sembly with low responsibility.	
I752-21.1 IPC Web Site for Information on IPC-1752 Standard http://www.ipc.org/IPC-175x Form Typ Distribute				*	Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materials and Mfg Information									
upplier Information														
Company name* Company of			que ID	Unio			Unique ID Authority			Respons	Response Date*			
nsemi						2024-05-05								
Contact Name Title - Contact			et		]	Phone - Contact* Email - Contact*								
Product-Env-Stewards Pro			Product Enviro Compliance			NA			Product-Env-Stewards@onsemi.com					
Authorized Representative* Tit			presentative			Phone - Representative*			Email - Representative*					
Product-Env-Stewards Pro			ro Compliance	Compliance NA Product-Env-Stewards@onse				vards@onsemi.co	m					
Requester Item Number Mfr Item		n Number Mfr Item Name			Effective Date	Version	М	Manufacturing Site		Weight*	UOM	Unit Type		
		S0147ATSC00XPS 1MP 1/4 CIS SOC 0-P1-TPBR 1MP 1/4 CIS SOC		С		2024-05-05		М	MY5		213.59	mg	Each	
Ianufacturing Proccess Informa	tion													
Terminal Plating / Grid Array Material Terminal Base Alloy J-STD-020 M			J-STD-020 MSI	L Rating	Peak Proce	ss Body Te	mperature	Max Time at Peak	Temperat	ure Numl	ber of Reflow Cyc	les		
SnAgCu CU Alloy 3						260		С	30	secon	ds 3			
omments														
TTENTION: MSL 3 Rated item require	s Bake and I	Ory Pack (after	electrical test)											
or more information regarding material	composition	please refer to	page 3											

RoHS Material Composition Declaration				Declaration Type *	Detailed
Directive 2015/863/EU amending RoHS Directive 2011/65/EU		nium (Cr6+), Polybro	ominated Biphenyls (PBB), Polybron	dmium and quantity limit of 0.1% by mass (100 minated Diphenyl Ethers (PBDE), and Bis(2-eth	
cadmium, hexavalentchromium, polybrominate contains a RoHS restricted substance inexcess encompass all such components. Supplier certif as of the date that Supplier completes this form Company acknowledges that Supplier may hav independently verified information provided by certification in this paragraph. If the Company a	ed biphenyls and/or polybrominated dip of an applicable quantity limit, please ir ies that it gathered the information it pro- .Supplier acknowledges that Company e relied on informationprovided by othe y others, Supplier agrees that, at a minin and the Supplier enter into a written agre pource of the Supplier's liability and the	henyl ethers (each a " ndicate below which, i ovides in this form us will rely on this certifiers in completing this num, itssuppliers have eement with respect to Company's remedies	RoHS restricted substance") in exce if any, RoHS exemption you believe ing appropriate methods to ensure if ication in determining the complian form, and that Supplier may not have e provided certifications regarding the to the identified part, the terms and cc for issues that arise regarding inform	ce of its products with European Union membe	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 anty rights and/or remedies provided as part of
RoHS Declaration * 1 - Item(s)	does not contain RoHS restricted substa	ances per the definitio	on above	Supplier Acceptance	* Accepted
Exemption: If the declared item does not con applicable exemptions.	ntain RoHS restricted substances per	the definition above	except for defined RoHS exempti	ons, then select the corresponding response i	n the RoHS Declaration above and choose all
Exemption List Version	EL-2011/534/EU				
Declaration Signature					
Instructions: Complete all of the required fin Requester) and click on Submit Form to have	elds on all pages of this form. Select the form returned to the Requester	he "Accepted" on th	e Supplier Acceptance drop-down	. This will display the signature area. Digital	lly sign the declaration (if required by the
Supplier Digital Signature Ra	stislav 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
Die	18.17	mg	Supplier	Silicon (Si)	7440-21-3		18.17	mg
Die Attach	3.54	mg		Epoxy resin	proprietary data		0.177	mg
			Supplier	4-Methylhexahydrophthalsureanhydrid	19438-60-9		0.0177	mg
			Supplier	Titanium triisostearoylisopropoxide	61417-49-0		0.177	mg
			Supplier	2,2-dimethyl-1,3-propanediyl dimethacrylate	1985-51-9		0.177	mg
			Supplier	2-(3,4- Epoxycyclohexyl)ethyltrimethoxysilane	3388-04-3		0.177	mg
			Supplier	Bisphenol A_Epichlorohydrin Polymer	25068-38-6		0.0177	mg
			Supplier	1,4-Bis(2,3-epoxypropoxy)butane	2425-79-8		0.177	mg
			Supplier	Isobornyl Acrylate	5888-33-5		0.177	mg
			Supplier	Aluminum Trioxide (Al2O3)	1344-28-1		2.4426	mg
Ероху 2.9	2.96	mg	Supplier	Imidazole Addition	68490-66-4		0.888	mg
			Supplier	Bisphenol A_Epichlorohydrin Polymer	25068-38-6		0.296	mg
			Supplier	Zirconium Dioxide (ZrO2)	1314-23-4		0.296	mg
			Supplier	Silica Amorphous (SiO2)	7631-86-9		0.296	mg
			Supplier	Formaldehyde Polymer	9003-36-5		1.184	mg
Imaging Lens	17.65	mg	Supplier	Sulfur (S)	7704-34-9		0.0882	mg
			Supplier	Titanium Dioxide (TiO2)	13463-67-7		0.9531	mg
			Supplier	Sodium Monoxide (Na2O)	1313-59-3		0.9707	mg
			Supplier	Boron Trioxide (B2O3)	1303-86-2		0.9531	mg
			Supplier	Zinc Monoxide (ZnO)	1314-13-2		0.9531	mg
			Supplier	Aluminum Trioxide (Al2O3)	1344-28-1		0.9531	mg
			Supplier	Calcium Monoxide (CaO)	1305-78-8		0.0882	mg
			Supplier	Potassium Monoxide (K2O)	12136-45-7		0.9531	mg
			Supplier	Silica Crystalline (SiO2)	14808-60-7		11.7372	mg
Mold Compound	7.33	mg	Supplier	Triphenylphosphine	603-35-0		0.0366	mg
			Supplier	Trimethoxysilylpropanethiol	4420-74-0		0.0366	mg
			Supplier	Oxirane	39817-09-9		1.466	mg
			Supplier	Silica Amorphous (SiO2)	7631-86-9		1.466	mg
			Supplier	Misc.	Proprietary Data		0.3665	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		3.5917	mg

			Supplier	Silica Crystalline (SiO2)	14808-60-7	0.3665	mg
Solder Ball	50.54	mg	Supplier	Silver (Ag)	7440-22-4	1.5162	mg
			Supplier	Tin (Sn)	7440-31-5	48.7711	mg
			Supplier	Copper (Cu)	7440-50-8	0.2527	mg
Substrate Copper Foil	5.26	mg	Supplier	Copper (Cu)	7440-50-8	5.26	mg
Substrate - Core Material	57.05	mg		Epoxy resin	proprietary data	12.3627	mg
			Supplier	Fiber Glass (SiO2)	65997-17-3	44.6873	mg
Substrate Plating-Cu	30.89	mg	Supplier	Copper (Cu)	7440-50-8	30.89	mg
Substrate - Solder Mask	19.47	mg	Supplier	Dipentaerythritol hexaacrylate	29570-58-9	0.5841	mg
			Supplier	Dipentaerythritol pentaacrylate	60506-81-2	0.5841	mg
			Supplier	Diphenyl(2,4,6- trimethylbenzoyl)phosphine oxide	75980-60-8	0.9735	mg
			Supplier	Bisphenol A, formaldehyde, epichlorohydrin polymer	28906-96-9	0.9735	mg
			Supplier	Talc	14807-96-6	0.4089	mg
			Supplier	Misc.	Proprietary Data	0.1752	mg
			Supplier	Acrylic resins	Proprietary Data	15.7707	mg
Wire Bond - Au	0.73	mg	Supplier	Gold (Au)	7440-57-5	0.73	mg