© O	<b>Aterial Composit</b> Copyright 2005. IPC, 1 ernational and Pan-An	Bannockb	urn, Illinois. A	ll rights reserved utions.	under both	This docume level parts, t	ent is a declarat	ion of the succession of the s	ubstances v s all lower	within the manufacture level materials for w	urer listed i which the n	tem. Note: nanufacture	if the item is an as er has engineering	ssembly with low responsibility.	
	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 Materials and Mfg Information									
Supplier Informatio	n														
Company name* Comp			Company uni	mpany unique ID			Unique ID Authority				Respons	Response Date*			
onsemi												2025-07-02			
Contact Name			Title - Contact				Phone - Contact*			Email -	Email - Contact*				
Product-Env-Stewards			Product Enviro Compliance				NA			Produc	Product-Env-Stewards@onsemi.com				
Authorized Representative*			Title - Repres	Title - Representative			Phone - Representative*			Email -	Email - Representative*				
roduct-Env-Stewards			Product Envir	oduct Enviro Compliance NA Product-Env-Stewar				tewards@onsemi.com							
Requester Item Number Mfr Item		Number Mfr Item Name			Effective Date	Version	N	Ianufacturing Site		Weight*	UOM	Unit Type			
			AR0147ATSC00XUE 1MP 1/4 CIS SO 55-DRBR				2025-07-02		MY5			129.034	mg	Each	
Ianufacturing Proc	ccess Information	1													
Terminal Plating / Grid Array Material Terminal Base			erminal Base A	Alloy	J-STD-020 MS	L Rating	Peak Proc	ess Body T	emperature	e Max Time at Peal	k Temperat	ure Num	ber of Reflow Cy	cles	
SnAgCu CU Alloy 3			3		260		С	30	secon	ds 3					
omments															
TTENTION: MSL 3 Ra	ated item requires Ba	ke and D	ry Pack (after	electrical test)											
or more information reg	garding material com	position	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 co 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	18.171	mg		Misc.	proprietary data		0.069	mg
			Supplier	Silicon (Si)	7440-21-3		17.9221	mg
			Supplier	Aluminum (Al)	7429-90-5		0.1799	mg
Die Attach	1.315	mg	Supplier	Siloxanes and Silicones, di-Me, hydroxy- terminated, reaction products with Me hydrogen siloxanes and trimethoxy(3- (oxiranylmethoxy)propyl)silane	153890-18-7		0.263	mg
			Supplier	1,1'-(Methylenedi-p- phenylene)bismaleimide	13676-54-5		0.5918	mg
			Supplier	2,2-Bis(4-hydroxyphenyl)propane- epichlorohydrin copolymer acrylate	55818-57-0		0.1315	mg
			Supplier	2,2-dimethyl-1,3-propanediyl dimethacrylate	1985-51-9		0.1315	mg
			Supplier	2-phenoxy ethyl acrylate	48145-04-6		0.1315	mg
			Supplier	Epoxy Phenol Novolak Resin	28064-14-4		0.0658	mg
Epoxy	1.214	mg	Supplier	Imidazole Addition	68490-66-4		0.3642	mg
			Supplier	Bisphenol A_Epichlorohydrin Polymer	25068-38-6		0.1214	mg
			Supplier	Zirconium Dioxide (ZrO2)	1314-23-4		0.1214	mg
			Supplier	Silica Amorphous (SiO2)	7631-86-9		0.1214	mg
			Supplier	Formaldehyde Polymer	9003-36-5		0.4856	mg
Imaging Lens	17.649	mg	Supplier	Titanium Dioxide (TiO2)	13463-67-7		0.9289	mg
			Supplier	Sodium Monoxide (Na2O)	1313-59-3		0.9289	mg
			Supplier	Boron Trioxide (B2O3)	1303-86-2		0.093	mg
			Supplier	Zinc Monoxide (ZnO)	1314-13-2		0.9289	mg
			Supplier	Aluminum Trioxide (Al2O3)	1344-28-1		0.9289	mg
			Supplier	Potassium Monoxide (K2O)	12136-45-7		0.9289	mg
			Supplier	Silica Crystalline (SiO2)	14808-60-7		12.9117	mg
Iold Compound	5.236	mg	Supplier	Triphenylphosphine	603-35-0		0.0262	mg
-			Supplier	Trimethoxysilylpropanethiol	4420-74-0		0.0262	mg
			Supplier	Oxirane	39817-09-9		1.0472	mg
			Supplier	Silica Amorphous (SiO2)	7631-86-9		1.0472	mg
			Supplier	Misc.	Proprietary Data		0.2618	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		2.5656	mg
			Supplier	Silica Crystalline (SiO2)	14808-60-7		0.2618	mg

Solder Ball	42.7	mg	Supplier	Silver (Ag)	7440-22-4	1.281	mg
			Supplier	Tin (Sn)	7440-31-5	41.2055	mg
			Supplier	Copper (Cu)	7440-50-8	0.2135	mg
Solder Mask	11.75	mg		Epoxy resin	proprietary data	6.4508	mg
			Supplier	Talc	14807-96-6	0.4112	mg
			Supplier	Misc.	Proprietary Data	0.2467	mg
			Supplier	Carbon Black (C)	1333-86-4	0.0587	mg
			Supplier	Silica Crystalline (SiO2)	14808-60-7	0.235	mg
			Supplier	Barium Sulfate (BaSO4)	7727-43-7	4.3475	mg
Substrate Copper Foil	5.91	mg	Supplier	Copper (Cu)	7440-50-8	5.91	mg
Substrate - Core Material	13.35	mg		Epoxy resin	proprietary data	2.8929	mg
			Supplier	Fiber Glass (SiO2)	65997-17-3	10.4571	mg
Substrate Plating-Au	3.43	mg	Supplier	Gold (Au)	7440-57-5	3.43	mg
Substrate Plating-Cu	1.94	mg	Supplier	Copper (Cu)	7440-50-8	1.94	mg
Substrate Plating-Ni	5.6	mg	В	Nickel (Ni)	7440-02-0	5.6	mg
Wire Bond - Au	0.769	mg	Supplier	Gold (Au)	7440-57-5	0.769	mg