ASSOCIATION CONNECTING	Material Composit © Copyright 2005. IPC, international and Pan-Ar	Bannockb	urn, Illinois. A	ll rights reserved u ntions.	nder both	This docum level parts, t	ent is a declara he declaration	tion of the s encompasse	ubstances es all lower	within the manufactu r level materials for w	rer listed i which the r	tem. Note: i nanufacture	f the item is an as r has engineering	sembly with lower responsibility.	
1752-21.1	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 Materi					als and Mfg Information					
Supplier Inform	ation														
Company name*			Company unique ID				Unique ID Authority				Response Date*				
onsemi											2025-05-13				
Contact Name			Title - Contact				Phone - Contact*				Email -	Email - Contact*			
Product-Env-Stewards			Product Enviro Compliance				NA				Product-Env-Stewards@onsemi.com				
Authorized Representative*			Title - Representative				Phone - Representative*			Email - Representative*					
Product-Env-Stewards			Product Enviro Compliance				NA				Product-Env-Stewards@onsemi.com				
Requeste	Requester Item Number Mfr Item		n Number Mfr Item Name				Effective Dat	e Version	N	Aanufacturing Site		Weight*	UOM	Unit Type	
		FODM291AR2 4SO T		4SO TR T&R			2025-05-13		E	EVERLGFG		51.39	mg	Each	
Manufacturing]	Proccess Information	1													
Terminal Plating / Grid Array Material Term			erminal Base Alloy J-STD-020 MSL		L Rating	Peak Process Body Temperat		emperatur	ture Max Time at Peak Tem		ture Numb	per of Reflow Cyc	eles		
Matte Tin (Sn) - annealed CU Alloy			U Alloy	1	l		260		С	30	secor	nds 3			
Comments															
evel 1 - maximum ti	me at peak temperature o	luring sol	dering is 10-3	0 seconds											
for more informatio	on regarding material con	position]	please refer to	page 3											

RoHS Material Composition Declaration				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 for: Lead (Pb), Mercury (Hg), Hexavalent Chromium (Cr6+), Polybrominated Biphenyls (PBB), Polybrominated Diphenyl Ethers (PBDE), and Bis(2-ethylhexyl) phthalate (DEHP), Benzyl-butyl phthalate (BBP), Dibutyl phthalate (DBP), Diisobutyl phthalate (DIBP).										
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	ous Material Weight Unit of Measure		Level	Substance	CAS	Exempt	Weight	Unit of Measure
Coupling Gel	0.5062	mg	Supplier	Methylhydrogen Siloxane, Trimethylsiloxy-terminated	63148-57-2		0.0253	mg
			Supplier	Filler (SiO2)	68909-20-6		0.0759	mg
			Supplier	Dimethyl Siloxane	68083-19-2		0.405	mg
Die	0.3258	mg	Supplier	GaAs	1303-00-0		0.1841	mg
			Supplier	Silicon (Si)	7440-21-3		0.1417	mg
Die Attach	0.08	mg	Supplier	Silver (Ag)	7440-22-4		0.06	mg
			Supplier	Ortho Cresol Novolac Resin	29690-82-2		0.02	mg
Lead Frame	23.3215	mg	Supplier	Silver (Ag)	7440-22-4		0.0583	mg
			Supplier	Zinc (Zn)	7440-66-6		0.2099	mg
			Supplier	Iron (Fe)	7439-89-6		0.4898	mg
			Supplier	Copper (Cu)	7440-50-8		22.3537	mg
			Supplier	Phosphorus (P)	7723-14-0		0.2099	mg
Mold Compound-Black	17.4473	mg	Supplier	Fiber Glass (SiO2)	65997-17-3		10.4684	mg
			Supplier	Carbon Black (C)	1333-86-4		0.1745	mg
			Supplier	Ortho-Cresol Novolac Resin	29690-82-2		5.2342	mg
			Supplier	Phenolic Resin (Novolac)	9003-35-4		1.5703	mg
Mold Compound-White	9.6027	mg	Supplier	Ortho Cresol Novolac Resin	29690-82-2		1.9205	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		6.7219	mg
			Supplier	Phenolic Resin (Novolac)	9003-35-4		0.9603	mg
Plating	0.0585	mg	Supplier	Tin (Sn)	7440-31-5		0.0585	mg
Wire Bond - Au	0.048	mg	Supplier	Gold (Au)	7440-57-5		0.048	mg

Substance Instructions: [A] select the Level (JIG A, JIG B, Requester or Supplier) [B] select the substance category (JIG or Requester) or enter a value (Supplier). [C] select the substance (JIG) or enter the substance and CAS (Other). [D] select a RoHS exemption, if applicable [E] enter the weight of the substance or the PPM concentration [F] Optionally enter the positive (+) and negative (-) tolerance in percent (Note: percent tolerance values are expected to cover a 3 sigma range of distribution unless otherwise noted).