ASSOCIATION CONNECTIN	Material Composit © Copyright 2005. IPC, international and Pan-Ar	Bannockb	urn, Illinois. A	ll rights reserved untions.	nder both	This docum level parts,	ent is a declara the declaration	tion of the sencompasse	ubstances es all lowe	within the manufactu r level materials for v	vhich the	item. Note: i manufacturer	f the item is an as r has engineering	ssembly with lower responsibility.	
1752-21.1					Form Type Distribute	* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materi					ials and N	als and Mfg Information			
Supplier Inform	ation														
Company name* C			Company unique ID			Unique ID Authority				Respor	Response Date*				
onsemi											2024-0	2024-05-16			
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	Email - Representative*				
Product-Env-Stewards			Product Enviro Compliance				NA				Product-Env-Stewards@onsemi.com				
Requeste	Requester Item Number Mfr Iten		n Number Mfr Item Name				Effective Dat	e Version	1	Manufacturing Site		Weight*	UOM	Unit Type	
		FODM453		SO5 1MB TR			2024-05-16		1	ТНН		97.594	mg	Each	
Manufacturing	Proccess Information	1													
Terminal Plating / Grid Array Material Termi			erminal Base A	minal Base Alloy J-STD-020 MSL		L Rating	Peak Process Body Temperat		emperatu	ture Max Time at Peak Tempe		ature Numb	per of Reflow Cy	cles	
Matte Tin (Sn) - annealed CU Alloy			U Alloy		1		260		C	30	seco	nds 3			
Comments															
evel 1 - maximum t	ime at peak temperature o	luring sol	dering is 10-3	0 seconds											
or more informati	on regarding material con	position j	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	% by mass (100 PPM) in homogeneous material for Cadmium and quantity limit of 0.1% by mass (1000 PPM) in homogeneous material for: Lead fum (Cr6+), Polybrominated Biphenyls (PBB), Polybrominated Diphenyl Ethers (PBDE), and Bis(2-ethylhexyl) phthalate (DEHP), Benzyl-butyl P), Diisobutyl phthalate (DIBP). EU 2011/65/EU and implemented by the laws of the European Union member states) of the part identified on this form contains lead, mercury,									
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 v 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	ess of the applicable quantity limit identified about the 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 we independently verified such information. How	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	on above	Supplier Acceptance	* Accepted								
Exemption: If the declared item does not contain RoHS restricted substances per the definition above except for defined RoHS exemptions, then select the corresponding response in the RoHS Declaration above and choose all applicable exemptions.												
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 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 Measur
Coupling Gel	8.8	mg	Supplier	Titanium Dioxide (TiO2)	13463-67-7		3.96	mg
			Supplier	Dimethyl Cyclosiloxanes	69430-24-6		0.88	mg
			Supplier	Trimethoxy(methyl)silane (C4H12O3Si)	1185-55-3		3.96	mg
Die	0.237	mg	В	Gallium Arsenide (AsGa)	1303-00-0		0.077	mg
			Supplier	Silicon (Si)	7440-21-3		0.16	mg
Die Attach	0.009	mg	Supplier	Silver (Ag)	7440-22-4		0.007	mg
			Supplier	Phenolic Resin-2	54208-63-8		0.002	mg
Lead Frame	17.018	mg	Supplier	Silver (Ag)	7440-22-4		0.002	mg
			Supplier	Zinc (Zn)	7440-66-6		0.02	mg
			Supplier	Iron (Fe)	7439-89-6		0.391	mg
			Supplier	Copper (Cu)	7440-50-8		16.6	mg
			Supplier	Phosphorus (P)	7723-14-0		0.005	mg
Mold Compound-Black	70.32	mg	Supplier	2,6-dibromo-4-[1-(3-bromo-4- hydroxyphenyl)-1-methylethyl]phenol	6386-73-8		2.81	mg
			Supplier	Ortho Cresol Novolac Resin	29690-82-2		16.2	mg
			В	Antimony Trioxide (Sb2O3)	1309-64-4		2.11	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		49.2	mg
Plating	1.16	mg	Supplier	Tin (Sn)	7440-31-5		1.16	mg
Wire Bond - Au	0.05	mg	Supplier	Gold (Au)	7440-57-5		0.05	mg