© Co	erial Composition pyright 2005. IPC, Ban ational and Pan-Ameri	nockburn, Illinois. A	All rights reserved u ntions.	under both	This docume level parts, t	ent is a declaration e	on of the sub ncompasses	ostances w all lower	vithin the manufactur level materials for wl	er listed in hich the m	em. Note: it anufacturer	f the item is an as has engineering	sembly with lower responsibility.
				Form Type Distribute	* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materi					als and Mfg Information			
Supplier Information													
Company name*	Company un	Company unique ID			Unique ID Authority				Response Date*				
onsemi									2023-06-08				
Contact Name	Title - Conta	Title - Contact			Phone - Contact*				Email - Contact*				
Product-Env-Stewards	Product Env	Product Enviro Compliance			NA				Product-Env-Stewards@onsemi.com				
			Title - Representative			Phone - Representative*			Email - Representative*				
Product-Env-Stewards	Product Env	Product Enviro Compliance			NA				Product-Env-Stewards@onsemi.com				
Requester Item N	Requester Item Number Mfr Item		Number Mfr Item Name			Effective Date	Version	M	anufacturing Site		Weight*	UOM	Unit Type
	FO	DM3023-NF098	4SO RP TRIAC		2023-06-08		CI	CP7		74.91	mg	Each	
Manufacturing Procce	ess Information						1						
Terminal Plating / Grid Array Material Term		Terminal Base	rminal Base Alloy J-STD-020 MSL		Rating	Peak Process Body Temperature		Max Time at Peak	Temperat	ure Numb	er of Reflow Cyc	eles	
Matte Tin (Sn) - annealed CU A		CU Alloy	y 1			<b>260</b> C		С	<b>30</b> sec		ds 3		
Comments													
evel 1 - maximum time at p	eak temperature duri	ng soldering is 10-3	30 seconds										
For more information regar	ding material compos	sition please refer to	o 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), Disobutyl 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	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
Coupling Gel	1.0	mg	Supplier	Titanium Dioxide (TiO2)	13463-67-7		0.45	mg
			Supplier	Dimethyl Cyclosiloxanes	69430-24-6		0.1	mg
			Supplier	Trimethoxy(methyl)silane (C4H12O3Si)	1185-55-3		0.45	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	0.17	mg	Supplier	Silver (Ag)	7440-22-4		0.1326	mg
			Supplier	Phenolic Resin-2	54208-63-8		0.0374	mg
Lead Frame	22.5	mg	Supplier	Silver (Ag)	7440-22-4		0.0022	mg
			Supplier	Zinc (Zn)	7440-66-6		0.027	mg
			Supplier	Iron (Fe)	7439-89-6		0.5175	mg
			Supplier	Copper (Cu)	7440-50-8		21.9465	mg
			Supplier	Phosphorus (P)	7723-14-0		0.0067	mg
Mold Compound-Black	27.9	mg	Supplier	2,6-dibromo-4-[1-(3-bromo-4- hydroxyphenyl)-1-methylethyl]phenol	6386-73-8		1.1149	mg
			Supplier	Ortho Cresol Novolac Resin	29690-82-2		6.4275	mg
			В	Antimony Trioxide (Sb2O3)	1309-64-4		0.8372	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		19.5205	mg
Mold Compound-White	21.1	mg	Supplier	Ortho Cresol Novolac Resin	29690-82-2		4.22	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		14.77	mg
			Supplier	Phenolic Resin (Novolac)	9003-35-4		2.11	mg
lating	1.95	mg	Supplier	Tin (Sn)	7440-31-5		1.95	mg
Wire Bond - Au	0.053	mg	Supplier	Gold (Au)	7440-57-5		0.053	mg