© C	terial Composit opyright 2005. IPC, I rnational and Pan-Am	Bannockb	urn, Illinois. A	ll rights reserved utions.	under both	This docume level parts, t	ent is a declarati he declaration e	on of the su	ibstances v s all lower	within the manufactu level materials for w	rer listed i which the n	tem. Note: nanufacture	if the item is an as or has engineering	ssembly with low responsibility.	
					Form Type Distribute	*	Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materi					als and Mfg Information			
upplier Information	I														
Company name*			Company uni	Company unique ID			Unique ID Authority				Response Date*				
onsemi											2023-06-08				
Contact Name T			Title - Contact				Phone - Contact*				Email - Contact*				
Product-Env-Stewards			Product Enviro Compliance				NA				Product-Env-Stewards@onsemi.com				
Authorized Representative* Ti			Title - Representative			Phone - Representative*				Email - Representative*					
Product-Env-Stewards Pr			Product Enviro Compliance				NA				Product-Env-Stewards@onsemi.com				
Requester Item	uester Item Number Mfr Item		m Number Mfr Item Name				Effective Date Vers		M	Manufacturing Site		Weight*	UOM	Unit Type	
		FODM452V		SO5 1MB TR VDE			2023-06-08		L	LITEONFG		97.594	mg	Each	
Anufacturing Proce	cess Information	ı													
Terminal Plating / Grid Array Material Termina		erminal Base A	l Base Alloy J-STD-020 MSL		L Rating	Peak Proc	Peak Process Body Temperat		ure Max Time at Peak Temper		ture Num	ber of Reflow Cy	cles		
Matte Tin (Sn) - annealed CU		U Alloy	oy 1			<b>260</b> C		C	30 seco		seconds 3				
omments															
vel 1 - maximum time at	peak temperature d	uring sol	dering is 10-3	0 seconds											
or more information rega	arding material com	position 1	please refer to	page 3											

RoHS Material Composition Declaration				Declaration Type *	Detailed							
Directive 2015/863/EU amending RoHS Directive 2011/65/EU	(Pb), Mercury (Hg), Hexavalent Chror	oHS 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 b), Mercury (Hg), Hexavalent Chromium (Cr6+), Polybrominated Biphenyls (PBB), Polybrominated Diphenyl Ethers (PBDE), and Bis(2-ethylhexyl) phthalate (DEHP), Benzyl-butyl thalate (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 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	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 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