	CONNECTING CS INDUSTRIES	PC, Bannockt	ourn, Illinois. A	All rights reserved untions.	nder both	This docume level parts, t	ent is a declara he declaration	tion of encom	the substances the substances all lowe	within the m er level mater	anufacture ials for wh	er listed it hich the m	em. Note: i anufacture	if the item is an as r has engineering	ssembly with low responsibility.	
752-21.1	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 Mater					us Materia	als and Mfg Information					
upplie	r Information															
Company name* Company unique IE				ique ID	D Unic			Unique ID Authority					Response Date*			
nsemi											2023-06-08					
ontact N	Jame		Title - Contact			]	Phone - Contact*					Email - Contact*				
roduct-	Env-Stewards		Product Enviro Compliance				NA					Product-Env-Stewards@onsemi.com				
uthorize	ed Representative*		Title - Representative			]	Phone - Representative*				Email - Representative*					
roduct-	Env-Stewards		Product Enviro Compliance				NA				Product-Env-Stewards@onsemi.com					
	Requester Item Number Mfr Item		Number Mfr Item Name   331TVM 8PW 1MB 2-CH WL DIP VDE				Effective Date	ate Version Manufacturing Site		g Site	1	Weight*	UOM	Unit Type		
						2023-06-08 LITEONFG			473.871		mg	Each				
Ianufa	ecturing Proccess Informa	tion												I	L	
	Terminal Plating / Grid Array Material		Terminal Base Alloy J-STD-020 M		J-STD-020 MS	L Rating	Peak Process Body Temperat		ure Max Time at Peak Tem		Temperat	ure Num	ber of Reflow Cyc	cles		
	Matte Tin (Sn) - annealed		CU Alloy NA			0 C		С	30		secon	ds 3				
omments	8															
or more	information regarding material	composition	please refer to	o page 3												

RoHS Material Composition Declaration				Declaration Type *	Detailed							
Directive 2015/863/EU amending RoHS Directive 2011/65/EU												
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 Weight		Unit of Measure	Level	Substance	CAS	Exempt	Weight	Unit of Measure
Coupling Gel	4.37	mg	Supplier	Dimethyl Cyclosiloxanes	69430-24-6		0.437	mg
			Supplier	Trimethoxy(methyl)silane (C4H12O3Si)	1185-55-3		3.933	mg
Die	3.753	mg	В	Gallium Arsenide (AsGa)	1303-00-0		0.263	mg
			Supplier	Silicon (Si)	7440-21-3		3.49	mg
Die Attach	0.423	mg	Supplier	Silver (Ag)	7440-22-4		0.3173	mg
			Supplier	Phenolic Resin-2	54208-63-8		0.1058	mg
Lead Frame	117.616	mg	Supplier	Silver (Ag)	7440-22-4		0.74	mg
			Supplier	Zinc (Zn)	7440-66-6		0.141	mg
			Supplier	Iron (Fe)	7439-89-6		2.7	mg
			Supplier	Copper (Cu)	7440-50-8		114	mg
			Supplier	Phosphorus (P)	7723-14-0		0.035	mg
Mold Compound-Black	343.7	mg	Supplier	2,6-dibromo-4-[1-(3-bromo-4- hydroxyphenyl)-1-methylethyl]phenol	6386-73-8		13.7	mg
			Supplier	Ortho Cresol Novolac Resin	29690-82-2		68.7001	mg
			В	Antimony Trioxide (Sb2O3)	1309-64-4		10.3	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		250.9999	mg
Plating	3.81	mg	Supplier	Tin (Sn)	7440-31-5		3.81	mg
Wire Bond - Au	0.199	mg	Supplier	Gold (Au)	7440-57-5		0.199	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).