	Material Compo © Copyright 2005. IP International and Pan-	C, Bannockb	urn, Illinois. A	All rights reserved untions.	under both	This docume level parts, t	ent is a declarat	tion of encom	the substances the substances all lowe	within the m er level materi	anufactur als for wl	er listed it hich the m	em. Note: i anufacture	f the item is an as r has engineering	ssembly with lowe responsibility.
1752-21.1	IPC Web Site for Information on IPC-1752 Standard Form Typ http://www.ipc.org/IPC-175x Distribute				* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Mater					is Materia	als and Mfg Information				
Supplier	r Information														
Company name* Company				any unique ID			Unique ID Authority					Response Date*			
onsemi												2023-06-06			
Contact N	lame		Title - Contact]	Phone - Contact*					Email - Contact*			
Product-I	Env-Stewards		Product Enviro Compliance				NA					Product-Env-Stewards@onsemi.com			
uthorize	ed Representative*		Title - Representative]	Phone - Representative*				Email - Representative*				
Product-Env-Stewards			Product Enviro Compliance				NA				Product-Env-Stewards@onsemi.com				
	Requester Item Number Mfr Item QSE122		Number Mfr Item Name				Effective Date	e Ve	ersion	Manufacturing Site		1	Weight*	UOM	Unit Type
				PHOTOTR S-LOOK			2023-06-06 LITEONFG			1	44.017	mg	Each		
/Ianufa	cturing Proccess Informat	ion													
	Terminal Plating / Grid Array Material		Cerminal Base Alloy J-STD-020 MS		L Rating	Peak Process Body Temperat		ure Max Time at Peak Temp		Temperat	ure Numb	per of Reflow Cyc	cles		
Matte Tin (Sn) - annealed		CU Alloy	J Alloy NA			0 C		30 sec.		secon	ds 3				
omments	8														
or more	information regarding material c	omposition	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	ominated Biphenyls (PBB), Polybron	dmium and quantity limit of 0.1% by mass (100 minated Diphenyl Ethers (PBDE), and Bis(2-eth	
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 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	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.

sigma range of distribution unless otherwise noted).										
Homogeneous Material	Weight	Unit of Measure	Level	Substance	CAS	Exempt	Weight	Unit of Measure		
Die	0.65	mg	Supplier	Silicon (Si)	7440-21-3		0.65	mg		
Die Attach	0.611	mg	Supplier	Silver (Ag)	7440-22-4		0.427	mg		
			Supplier	Phenolic Resin-2	54208-63-8		0.092	mg		
			Supplier	Fused Silica (SiO2)	60676-86-0		0.092	mg		
Lead Frame	90.816	mg	Supplier	Sulfur (S)	7704-34-9		0.725	mg		
			Supplier	Carbon (C)	7440-44-0		3.624	mg		
			Supplier	Silver (Ag)	7440-22-4		0.453	mg		
			Supplier	Manganese (Mn)	7439-96-5		2.084	mg		
			Supplier	Iron (Fe)	7439-89-6		82.174	mg		
			Supplier	Copper (Cu)	7440-50-8		0.216	mg		
			Supplier	Phosphorus (P)	7723-14-0		1.54	mg		
Mold Compound-Black	20.0	mg	Supplier	Phenolic Resin-2	54208-63-8		10	mg		
			Supplier	Ortho Cresol Novolac Resin	29690-82-2		10	mg		
Plating	29.8	mg	Supplier	Tin (Sn)	7440-31-5		29.8	mg		
Wire Bond - Au	2.14	mg	Supplier	Gold (Au)	7440-57-5		2.14	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 signa range of distribution unless otherwise noted).