	Material Compo © Copyright 2005. If international and Pan	PC, Bannockb	ourn, Illinois. A	All rights reserved u ntions.	nder both	This docume level parts, t	ent is a declaration	tion of t encomp	he substances basses 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 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					us Materia	als and Mfg Information					
Supplie	r Information															
Company name* Company unique I				ique ID	ue ID Uniqu			Jnique ID Authority					Response Date*			
onsemi												2024-04-13				
Contact N	lame		Title - Contact				Phone - Contact*					Email - Contact*				
Product-l	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   QEE122		n Number Mfr Item Name				Effective Date	e Vers	sion	Manufacturing Site		v	Veight*	UOM	Unit Type	
				LED S-LOOK ALGAAS			2024-04-13 LITEONFG			1	44.017	mg	Each			
/Ianufa	cturing Proccess Informat	tion														
	Terminal Plating / Grid Array Material		Ferminal Base Alloy J-STD-020 M		J-STD-020 MS	L Rating	Peak Process Body Temperat		ure Max Time at Peak Temp		Temperatu	are Num	ber of Reflow Cyc	cles		
Matte Tin (Sn) - annealed		U Alloy NA			0 C		<b>30</b> se		second	is 3						
omments	3															
or more	information regarding material	composition	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		
1			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).