	Material Composition Declaration © Copyright 2005. IPC, Bannockburn, Illinois. All rights reserved under international and Pan-American copyright conventions.			under both	This document is a declaration of the substances within the manufacturer listed item. Note: if the item is an assembly with lowe level parts, the declaration encompasses all lower level materials for which the manufacturer has engineering 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 Materi					eous Materia	als and Mfg Information				
Supplier	Information														
Company name* Com				Company unique ID			Unique ID Authority					Response Date*			
onsemi												2023-06-08			
Contact Na	ame		Title - Contact]	Phone - Contact*					Email - Contact*			
Product-E	nv-Stewards		Product Enviro Compliance				NA					Product-Env-Stewards@onsemi.com			
uthorized	l Representative*		Title - Representative]	Phone - Representative*				Email - Representative*				
Product-E	nv-Stewards	Product Enviro Compliance				NA				Product-Env-Stewards@onsemi.com					
	Requester Item Number Mfr Iten		n Number Mfr Item Name				Effective Date	te Version Manufacturing Site		ring Site	V	/eight*	UOM	Unit Type	
		LC823425-12G1-LR- H		recorder		2023-06-08 PHM				5	20.0	mg	Each		
Ianufac	cturing Proccess Informa	tion													
r.	Terminal Plating / Grid Array Material		Ferminal Base Alloy J-STD-0201		J-STD-020 MS	L Rating	Peak Process Body Temperat		ure Max Time at Peak Temp		Temperatu	re Nun	nber of Reflow Cy	vcles	
contains Bi		CU Alloy 4		4		260 C		30 sec		second	ls 3				
omments															
or more ii	nformation 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												
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 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.

sigma range of distribution unless	other wise noted).							
Homogeneous Material	Weight	Unit of Measure	Level	Substance	CAS	Exempt	Weight	Unit of Measure
Die	17.38	mg	Supplier	Silicon (Si)	7440-21-3		17.3105	mg
			Supplier	Polyimide	Proprietary Data		0.0695	mg
Die Attach	4.47	mg	Supplier	Epoxized Condensate Of Para- Hydrobenzaldehyde And Alkyl Phenol	129915-35-1		0.9834	mg
			Supplier	Silver (Ag)	7440-22-4		3.4866	mg
Lead Frame	170.76	mg	Supplier	Silver (Ag)	7440-22-4		0.7172	mg
			Supplier	Zinc (Zn)	7440-66-6		0.1878	mg
			Supplier	Iron (Fe)	7439-89-6		3.9787	mg
			Supplier	Copper (Cu)	7440-50-8		165.7738	mg
			Supplier	Phosphorus (P)	7723-14-0		0.1025	mg
Mold Compound-Black	317.96	mg		Phenolic Resin	proprietary data		15.8662	mg
			Supplier	Epoxy Phenol Resin	Proprietary Data		22.3208	mg
			Supplier	Carbon Black (C)	1333-86-4		0.9539	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		278.8191	mg
Plating	7.62	mg	Supplier	Tin (Sn)	7440-31-5		7.62	mg
Wire Bond - Au	1.81	mg	Supplier	Gold (Au)	7440-57-5		1.81	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).