ASSOCIATION CONNECTING ELECTRONICS INDUSTRIESS International and Pa	IPC. Bannockt	ourn. Illinois. A	Il rights reserved un ntions.	nder both	This docume level parts, t	ent is a declaratio he declaration en	n of the substanc compasses all lo	es within the manufactur wer level materials for w	rer listed it hich the m	em. Note: if anufacturer	the item is an as has engineering	sembly with low responsibility.	
	21.1 IPC Web Site for Information on IPC-1752 Standard Form T http://www.ipc.org/IPC-175x Distribution				* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materials and Mfg Information					on			
Supplier Information													
Company name* Comp			Company unique ID			Unique ID Authority				Response Date*			
onsemi									2023-06-12				
Contact Name Title - Contact					Phone - Contact*			Email - Contact*					
Product-Env-Stewards Product Enviro Co			o Compliance		NA			Product-Env-Stewards@onsemi.com					
Authorized Representative* Title - Representative			sentative	/e J		Phone - Representative*			Email - Representative*				
Product-Env-Stewards Product En			act Enviro Compliance		NA			Product-Env-Stewards@onsemi.com					
Requester Item Number	Mfr Item Number		mber Mfr Item Name			Effective Date	Version	Manufacturing Site		Weight*	UOM	Unit Type	
	LC82345	C823450TA-2H Portable Sound Sol		olutions		2023-06-12	РНМ		7	51.681	mg	Each	
Ianufacturing Proccess Informa	ation					•							
Terminal Plating / Grid Array M	Terminal Plating / Grid Array Material Terminal Base A		Alloy J	-STD-020 MSI	L Rating	Peak Proces	s Body Tempera	ture Max Time at Peak	Temperat	ure Numb	er of Reflow Cyc	cles	
Matte Tin (Sn) - annealed CU Alloy		3	3		260	С	30	secon	ds 3				
omments													
ITENTION: MSL 3 Rated item requir	es Bake and D	ry Pack (after	electrical test)										
or more information regarding materia	l composition	please refer to	o page 3										

RoHS Material Composition Declaration				Declaration Type *	Detailed					
Directive 2015/863/EU amending RoHS Directive 2011/65/EU	RoHS 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 (Pb), Mercury (Hg), Hexavalent Chromium (Cr6+), Polybrominated Biphenyls (PBB), Polybrominated Diphenyl Ethers (PBDE), and Bis(2-ethylhexyl) phthalate (DEHP), Benzyl-butyl phthalate (BBP), Dibutyl phthalate (DBP), Diisobutyl 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 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
Die	16.03	mg	Supplier	Silicon (Si)	7440-21-3		15.9034	mg
			Supplier	Polyimide	Proprietary Data		0.1266	mg
Die Attach	2.65	mg	Supplier	Silver (Ag)	7440-22-4		2.0273	mg
			Supplier	Epoxy resins	129915-35-1		0.6228	mg
Lead Frame	339.54	mg	Supplier	Silver (Ag)	7440-22-4		8.4885	mg
			Supplier	Magnesium (Mg)	7439-95-4		0.5093	mg
			Supplier	Silicon (Si)	7440-21-3		2.1391	mg
			В	Nickel (Ni)	7440-02-0		9.9146	mg
			Supplier	Copper (Cu)	7440-50-8		318.4885	mg
Mold Compound-Black	390.04	mg		Epoxy Phenol Resin	proprietary data		50.7052	mg
			Supplier	Carbon Black (C)	1333-86-4		0.5851	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		337.7747	mg
			Supplier	Silica Crystalline (SiO2)	14808-60-7		0.9751	mg
Plating	3.42	mg	Supplier	Tin (Sn)	7440-31-5		3.42	mg
Wire Bond - Au	0.001	mg	Supplier	Gold (Au)	7440-57-5		0.001	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).