ABSOCIATION CONNECTING ELECTRONICS INDUSTRIES® INC.	Bannockbu	urn, Illinois. A	ll rights reserved un ntions.	nder both	This docume level parts, t	ent is a declarat he declaration	ion of the s encompasse	ubstances es all lower	within the manufactur r level materials for w	rer listed	tem. Note: it nanufacturer	f the item is an as has engineering	sembly with lower responsibility.	
	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 Materia					ials and N	als and Mfg Information			
Supplier Information														
Company name* Company unique ID			ique ID	ID Unique			Jnique ID Authority				Response Date*			
onsemi										2023-06-08				
Contact Name	tact Name Title - Contact				1	Phone - Contact*				Email - Contact*				
Product-Env-Stewards Product Enviro Co			o Compliance			NA				Product-Env-Stewards@onsemi.com				
Authorized Representative* Title - Representative			sentative	tive Ph		Phone - Repre	hone - Representative*			Email - Representative*				
Product-Env-Stewards Product			roduct Enviro Compliance			NA				Product-Env-Stewards@onsemi.com				
Requester Item Number	Mfr Item Number		Mfr Item Name			Effective Date	Version	N	Manufacturing Site		Weight*	UOM	Unit Type	
	LC823432	LC823432TAK-2H DSP for MP3 Au		lio		2023-06-08		F	РНМ		520.0	mg	Each	
Manufacturing Proccess Information	n									· · · ·				
Terminal Plating / Grid Array Mater	Plating / Grid Array Material Terminal Base Alloy		Alloy J.	-STD-020 MSI	ASL Rating Peak		Process Body Temperature Max Time at Peak		Tempera	ture Numb	er of Reflow Cyc	eles		
contains Bi CU Alloy		3			260		С	30	seco	nds 3				
Comments														
ATTENTION: MSL 3 Rated item requires Ba	ake and Dr	ry Pack (after	electrical test)											
For more information regarding material con	nposition p	olease refer to	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 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	otherwise noted).							
Homogeneous Material	Weight	Unit of Measure	Level	Substance	CAS	Exempt	Weight	Unit of Measure
Die	18.89	mg	Supplier	Silicon (Si)	7440-21-3		18.8239	mg
			Supplier	Polyimide	Proprietary Data		0.0661	mg
Die Attach	5.03	mg	Supplier	Epoxized Condensate Of Para- Hydrobenzaldehyde And Alkyl Phenol	129915-35-1		1.1066	mg
			Supplier	Silver (Ag)	7440-22-4		3.9234	mg
Lead Frame 1	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	315.89	mg		Phenolic Resin	proprietary data		15.7629	mg
			Supplier	Epoxy Phenol Resin	Proprietary Data		22.1755	mg
			Supplier	Carbon Black (C)	1333-86-4		0.9477	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		277.004	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 signa range of distribution unless otherwise noted).