	CONNECTING CONNECTING CS INDUSTRIES International and Par	Material Composition Declaration © Copyright 2005. IPC, Bannockburn, Illinois. All rights reserved under both international and Pan-American copyright conventions.				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.										
752-21.1	IPC Web Site for Information on IPC-1752 Standard Form Type http://www.ipc.org/IPC-175x Distribute				e * Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Mater					neous Materi	ials and Mfg Information					
Supplier	r Information															
Company name* Co				Company unique ID			Unique ID Authority					Response Date*				
nsemi											2023-06-08					
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			1	Phone - Representative*				Email - Representative*						
Product-I	Env-Stewards	Product Enviro Compliance				NA				Product-Env-Stewards@onsemi.com						
	Requester Item Number Mfr Item		n Number Mfr Item Name				Effective Dat	ctive Date Version Manufacturing Site		uring Site	Weight*		UC	ЭM	Unit Type	
		LC87FBG08AUJA- TLM-H 8-bit Microcontrol		ller		2023-06-08				80.0		mg	5	Each		
Ianufa	cturing Proccess Informa	tion														
	Ferminal Plating / Grid Array Material		Ferminal Base Alloy J-STD-020 MS		L Rating	Peak Process Body Temper		Body Temperatu	ture Max Time at Peak T		Temperature Number of		umber of Re	flow Cycle	s	
contains Bi		CU Alloy 4			260 C		30		second	seconds 3						
omments	3															
or more	information regarding material	composition	please refer to	o 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 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.

Homogeneous Material	Weight	Unit of Measure	Level	Substance	CAS	Exempt	Weight	Unit of Measure
Die	1.95	mg	Supplier	Silicon (Si)	7440-21-3		1.9379	mg
			Supplier	Polyimide	Proprietary Data		0.0121	mg
Die Attach	0.47	mg	Supplier	Silver (Ag)	7440-22-4		0.3337	mg
			Supplier	Epoxy resins	129915-35-1		0.1363	mg
Lead Frame	24.67	mg	Supplier	Silver (Ag)	7440-22-4		0.676	mg
			Supplier	Zinc (Zn)	7440-66-6		0.0469	mg
			Supplier	Iron (Fe)	7439-89-6		0.6217	mg
			Supplier	Copper (Cu)	7440-50-8		23.2909	mg
			Supplier	Phosphorus (P)	7723-14-0		0.0345	mg
Mold Compound-Black	51.35	mg		Phenolic Resin	proprietary data		2.5675	mg
			Supplier	Epoxy Phenol Resin	Proprietary Data		1.4378	mg
			Supplier	Carbon Black (C)	1333-86-4		0.5135	mg
			Supplier	Aluminum Hydroxide (Al(OH)3)	21645-51-2		1.5405	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		41.08	mg
			Supplier	Ortho-Cresol Novolac Resin	29690-82-2		4.108	mg
			Supplier	Silica Crystalline (SiO2)	14808-60-7		0.1027	mg
Plating	1.1	mg	В	Bismuth (Bi)	7440-69-9		0.0066	mg
			Supplier	Tin (Sn)	7440-31-5		1.0934	mg
Wire Bond - Au	0.46	mg	Supplier	Gold (Au)	7440-57-5		0.46	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).