ABSOCIATION CONNECTING ELECTRONICE INDUSTRIES® INCLUSTRIES® INTERNATIONAL ADDRESS INCLUSTRIES®	nockburn, Illinois, A	Il rights reserved untions.	under both	This docume evel parts, t	ent is a declarat he declaration of	ion of the su	ubstances s all lower	within the manufact	urer listed which the	item. Note: manufacture	if the item is an as er has engineering	sembly with lower responsibility.	
	21.1 IPC Web Site for Information on IPC-1752 Standard Form 7 http://www.ipc.org/IPC-175x Distrib			* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materia					erials and I	als and Mfg Information			
Supplier Information													
Company name* Company unique ID			D Uniqu			Jnique ID Authority				Response Date*			
nsemi									2024-0	2024-04-16			
Contact Name	Tame Title - Contact]	Phone - Contact*				Email	Email - Contact*			
roduct-Env-Stewards Product Enviro Compliance				NA				Produ	Product-Env-Stewards@onsemi.com				
Authorized Representative* Title - Representative				Phone - Representative*				Email	Email - Representative*				
Product-Env-Stewards Product Enviro Complia			ompliance		NA			Produ	Product-Env-Stewards@onsemi.com				
Requester Item Number M	fr Item Number	Mfr Item Name			Effective Date	Version	N	anufacturing Site		Weight*	UOM	Unit Type	
TI	LV431BSN1T1G	BIBSNITIG ANA 1.24V PROG			2024-04-16 MY1		4 Y1	8.		mg	Each		
Manufacturing Proccess Information					·		İ						
Terminal Plating / Grid Array Material	Terminal Base Alloy J-S		J-STD-020 MSL	Rating	Peak Process Body Temperat		emperatur	ure Max Time at Peak Temper		ature Num	ber of Reflow Cy	cles	
Matte Tin (Sn) - annealed CU Alloy 1		1		260		С	30	seco	onds 3				
Comments													
evel 1 - maximum time at peak temperature dur	ing soldering is 10-3	0 seconds											
or more information regarding material compo	sition please 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), Disobutyl 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	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	iterial Weight Unit of Measure Level Substance		Substance	CAS	Exempt	Weight	Unit of Measure	
Die	0.16	mg	Supplier	Silicon (Si)	7440-21-3		0.16	mg
Die Attach	0.18	mg		Epoxy resin	proprietary data		0.054	mg
			Supplier	Fatty acids, C18-unsatd., dimers, polymers with epichlorhydrin	68475-94-5		0.054	mg
			Supplier	2,2'-[[2-(oxiranylmethoxy)-1,3- phenylene]bis(methylene)]bisoxirane	13561-08-5		0.054	mg
			Supplier	4-Methyl-2-Phenyl-1H-Imidazole	827-43-0		0.0162	mg
			Supplier	Phenolic Resin (Novolac)	9003-35-4		0.0018	mg
Lead Frame	2.75	mg	Supplier	Silver (Ag)	7440-22-4		0.0038	mg
			Supplier	Zinc (Zn)	7440-66-6		0.0028	mg
			Supplier	Iron (Fe)	7439-89-6		0.0577	mg
			Supplier	Copper (Cu)	7440-50-8		2.6829	mg
			Supplier	Phosphorus (P)	7723-14-0		0.0028	mg
Mold Compound-Black	4.9	mg		Epoxy resin	proprietary data		0.245	mg
			Supplier	Phenolic Resin	Proprietary Data		0.245	mg
			Supplier	Ortho Cresol Novolac Resin	29690-82-2		0.098	mg
			Supplier	Carbon Black (C)	1333-86-4		0.0245	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		4.2875	mg
Plating	0.14	mg	Supplier	Tin (Sn)	7440-31-5		0.14	mg
Wire Bond - Au	0.01	mg	Supplier	Gold (Au)	7440-57-5		0.01	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).