ABSOCIATION CONNECTING ELECTRODUCES INDUSTRIES® INDUSTRIES® INTERNATIONAL AND ADDRESS	IPC, Bannock	burn, Illinois. A	ll rights reserved un ntions.	nder both	This docum level parts, t	ent is a decla the declaration	aration of on encom	f the substan passes all l	nces wi ower le	thin the manufacture evel materials for wh	er listed in hich the m	em. Note: anufactur	: if the ite rer has en	m is an assen gineering resp	bly with lower oonsibility.	
	IPC Web Site for Information on IPC-1752 Standard Form Typ http://www.ipc.org/IPC-175x Distribute				e *	* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materia						als and Mfg Information				
Supplier Information																
Company name*	Company uni	Company unique ID			Unique ID Authority					Response Date*						
onsemi											2024-04-29					
Contact Name	Title - Contac	Title - Contact				Phone - Contact*					Email - Contact*					
Product-Env-Stewards	Product Enviro Compliance				NA					Product-Env-Stewards@onsemi.com						
Authorized Representative*	Title - Representative			Phone - Representative*					Email - Representative*							
Product-Env-Stewards	Product Enviro Compliance				NA					Product-Env-Stewards@onsemi.com						
Requester Item Number	Mfr Iten	n Number	Mfr Item Name			Effective D	Date Ve	ersion	Ma	Manufacturing Site		Weight*	U	ОМ	Unit Type	
	NL27W	NL27WZ04MU1TCG DUAI		DUAL INVERTER		2024-04-29)		PH	РНМ		2.16	m	g	Each	
Manufacturing Proccess Informa	ation								•							
Terminal Plating / Grid Array M	Iaterial	Ferminal Base A	Alloy J	J-STD-020 MSL Rating		Peak Process Body		ody Tempe	emperature Max Time at Peak		Temperature Number		nber of R	eflow Cycles		
Precious metal (e.g. Ag,Au, NiPdAu) (no Sn)		CU Alloy 1				260		С		30 seco		ronds 3				
Comments																
evel 1 - maximum time at peak temperat	ure during so	dering is 10-3	0 seconds													
or more information regarding materia	l composition	please refer to	page 3													

RoHS Material Composition Declaration				Declaration Type *	Detailed					
Directive 2015/863/EU amending RoHS Directive 2011/65/EU		nium (Cr6+), Polybro	ominated Biphenyls (PBB), Polybron	dmium and quantity limit of 0.1% by mass (100 minated Diphenyl Ethers (PBDE), and Bis(2-eth						
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	on above	Supplier Acceptance	* Accepted						
Exemption: If the declared item does not contain RoHS restricted substances per the definition above except for defined RoHS exemptions, then select the corresponding response in the RoHS Declaration above and choose all applicable exemptions.										
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.

	***	TT 1/ 63.6	. .		C L C			TT 1/ 63.6
Homogeneous Material	Weight	Unit of Measure	Level	Substance	CAS	Exempt	Weight	Unit of Measure
Die	0.03	mg	Supplier	Silicon (Si)	7440-21-3		0.03	mg
Die Attach Epoxy	0.01	mg		Epoxy resin	proprietary data		0.0065	mg
			Supplier	Aluminum Trioxide (Al2O3)	1344-28-1		0.0035	mg
Lead Frame	0.87	mg	Supplier	Tin (Sn)	7440-31-5		0.0022	mg
			Supplier	Zinc (Zn)	7440-66-6		0.0019	mg
			Supplier	Chromium (Cr)	7440-47-3		0.0022	mg
			Supplier	Copper (Cu)	7440-50-8		0.8637	mg
Mold Compound-Black	1.22	mg	Supplier	Silica Amorphous (SiO2)	7631-86-9		0.0915	mg
			Supplier	Carbon Black (C)	1333-86-4		0.0061	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		0.9699	mg
			Supplier	EpoxyNovolaCresins (Cresolic)	64425-89-4		0.061	mg
			Supplier	Phenolic Resin (Novolac)	9003-35-4		0.0915	mg
Plating	0.01	mg	Supplier	Palladium (Pd)	7440-05-3		0.0003	mg
			В	Nickel (Ni)	7440-02-0		0.0096	mg
			Supplier	Gold (Au)	7440-57-5		0.0001	mg
Wire Bond	0.02	mg	Supplier	Palladium (Pd)	7440-05-3		0.0002	mg
			Supplier	Copper (Cu)	7440-50-8		0.0198	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).