ABSOCIATION CONNECTING LECTROMICS INDUSTRIES® International and Pan-Ameri	nockburn, Illinois, A	Il rights reserved untions.	under both	This docume level parts, t	ent is a declaration en declaration	on of the su compasses	bstances v all lower	within the manufactu level materials for w	rer listed i which the r	tem. Note: nanufacture	if the item is an as or has engineering	sembly with low responsibility.	
			Form Type * Distribute	* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materials and Mfg Information					tion				
upplier Information													
Company name* Company unique ID			Unique II			que ID Authority				Response Date*			
semi									2023-06-08				
Contact Name	Title - Contact			]	Phone - Contact*				Email -	Email - Contact*			
oduct-Env-Stewards Product Enviro Compliance					NA				Product-Env-Stewards@onsemi.com				
uthorized Representative* Title - Representative				]	Phone - Representative*				Email - Representative*				
Product-Env-Stewards Product Enviro Comp			Compliance		NA			Product-Env-Stewards@onsemi.com					
Requester Item Number Mf	r Item Number	Mfr Item Name			Effective Date	Version	Manufacturing Site			Weight*	UOM	Unit Type	
NL	27WZ16DTT1G	Z16DTT1G LOG CMOS DUAL B			2023-06-08		М	IY1		14.2	mg	Each	
Ianufacturing Proccess Information											·		
Terminal Plating / Grid Array Material	Terminal Base Alloy J-ST		J-STD-020 MSL	Rating	Peak Process Body Temperat		emperature	ure Max Time at Peak Temper		ture Num	ber of Reflow Cyc	les	
Matte Tin (Sn) - annealed CU Alloy			1		260		С	30	secor	nds 3			
omments													
vel 1 - maximum time at peak temperature duri	ng soldering is 10-3	0 seconds											
or more information regarding material compos	ition 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), Dibutyl phthalate (DBP), Dibutyl phthalate (DBP).										
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	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	ial Weight Unit of Measure Level Substance		Substance	CAS	Exempt	Weight	Unit of Measure	
Die	0.42	mg	Supplier	Silicon (Si)	7440-21-3		0.42	mg
Die Attach	0.07	mg		Epoxy resin	proprietary data		0.021	mg
			Supplier	Fatty acids, C18-unsatd., dimers, polymers with epichlorhydrin	68475-94-5		0.021	mg
			Supplier	2,2'-[[2-(oxiranylmethoxy)-1,3- phenylene]bis(methylene)]bisoxirane	13561-08-5		0.021	mg
			Supplier	4-Methyl-2-Phenyl-1H-Imidazole	827-43-0		0.0063	mg
			Supplier	Phenolic Resin (Novolac)	9003-35-4		0.0007	mg
Lead Frame	5.84	mg	Supplier	Silver (Ag)	7440-22-4		0.0712	mg
			Supplier	Zinc (Zn)	7440-66-6		0.007	mg
			Supplier	Iron (Fe)	7439-89-6		0.1372	mg
			Supplier	Copper (Cu)	7440-50-8		5.6228	mg
			Supplier	Phosphorus (P)	7723-14-0		0.0018	mg
Mold Compound-Black	7.33	mg		Epoxy resin	proprietary data		0.3665	mg
			Supplier	Phenolic Resin	Proprietary Data		0.3665	mg
			Supplier	Ortho Cresol Novolac Resin	29690-82-2		0.1466	mg
			Supplier	Carbon Black (C)	1333-86-4		0.0366	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		6.4137	mg
Plating	0.47	mg	Supplier	Tin (Sn)	7440-31-5		0.47	mg
Wire Bond - Au	0.07	mg	Supplier	Gold (Au)	7440-57-5		0.07	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).