ABSOCIATION CONNECTING ELECTRONICS (NOUSTRIES+) international and Pan-American	kburn. Illinois. A	All rights reserved untions.	under both	This docume evel parts, th	ent is a declarat he declaration e	on of the suncompasses	ubstances s all lowe	within the manu r level materials	facturer liste for which th	d item. Not e manufactu	e: if the item is an a arrest the item is an a second second second second second second second second second s	assembly with lower g responsibility.	
IPC Web Site for Information on http://www.ipc.org/IPC-175x	21.1 IPC Web Site for Information on IPC-1752 Standard Form T http://www.ipc.org/IPC-175x Distribution			* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materia					Aaterials and	als and Mfg Information			
Supplier Information													
Company name* Company unique ID				Unique ID Authority					Resp	Response Date*			
onsemi	asemi									2023-06-08			
Contact Name	Title - Contact			]]	Phone - Contact*				Emai	Email - Contact*			
Product-Env-Stewards	uct-Env-Stewards Product Enviro Compliance			NA				Prod	Product-Env-Stewards@onsemi.com				
Authorized Representative* Title - Representative				Phone - Representative*				Emai	Email - Representative*				
Product-Env-Stewards Product Enviro Compliance			xe J		NA			Prod	Product-Env-Stewards@onsemi.com				
Requester Item Number Mfr It	em Number	Mfr Item Name			Effective Date	Version	1	Manufacturing Site		Weight*	UOM	Unit Type	
SZM	ZMMBZ4252T3G ZEN SOT23 DUAL		AL .225W 27V		2023-06-08		CN1		8.02	mg	Each		
Manufacturing Proccess Information													
Terminal Plating / Grid Array Material	Terminal Base Alloy J-STD-02			Rating	Peak Process Body Temperature Max Time at Peal			Peak Tempe	Temperature Number of Reflow Cycles				
Matte Tin (Sn) - annealed CU Alloy		1		260		С	30	sec	conds 3				
Comments													
level 1 - maximum time at peak temperature during	soldering is 10-3	0 seconds											
For more information regarding material composition	n please refer to	o 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 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 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.

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).							
Homogeneous Material	Weight	Unit of Measure	Level	Substance	CAS	Exempt	Weight	Unit of Measure
Die	0.05	mg	Supplier	Silicon (Si)	7440-21-3		0.05	mg
Lead Frame 2.9	2.92	mg	В	Nickel (Ni)	7440-02-0		1.06	mg
			Supplier	Iron (Fe)	7439-89-6		1.4658	mg
			Supplier	Copper (Cu)	7440-50-8		0.3942	mg
Mold Compound-Black	4.9	mg	Supplier	Ortho Cresol Novolac Resin	29690-82-2		0.49	mg
			Supplier	Carbon Black (C)	1333-86-4		0.0245	mg
			Supplier	Aluminum Hydroxide (Al(OH)3)	21645-51-2		0.7105	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		3.185	mg
			Supplier	Phenolic Resin (Novolac)	9003-35-4		0.49	mg
Plating	0.14	mg	Supplier	Tin (Sn)	7440-31-5		0.14	mg
Wire Bond - Cu	0.01	mg	Supplier	Copper (Cu)	7440-50-8		0.01	mg