ABSOCIATION CONNECTING ELECTRONICE INDUSTRIES® INCLUSTRIES®	ckburn, Illinois, A	Ill rights reserved untions.	under both	This docume level parts, t	ent is a declara he declaration	ion of the s encompasse	ubstances es all lowe	within the ma r level materi	anufacture als for whi	r listed item. ich the manu	Note: if facturer	the item is an as has engineering	sembly with lower responsibility.
			Form Type * Distribute	k	Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materials					ls and Mfg Information			
Supplier Information													
Company name* Company unique ID				Unique ID Authority]	Response Date*			
nsemi										2023-06-08			
Contact Name	Title - Contact]	Phone - Contact*				1	Email - Contact*			
roduct-Env-Stewards Product Enviro Compliance				NA					Product-Env-Stewards@onsemi.com				
Authorized Representative* Title - Representative				Phone - Representative*				1	Email - Representative*				
Product-Env-Stewards Product Enviro Compliance				NA				Product-Env-Stewards@onsemi.com					
Requester Item Number Mfr	tem Number	Mfr Item Name			Effective Date	e Version]	Manufacturing Site		Weig	ght*	UOM	Unit Type
SZE	D9C3.3ST5G ESD PROTECTION		ON DIODE 3.3V	7	2023-06-08	3-06-08 CN1			0.442	2	mg	Each	
Manufacturing Proccess Information					·								
Terminal Plating / Grid Array Material	Terminal Base	J-STD-020 MSL	Rating	Peak Pro	Peak Process Body Temperature Max		re Max Time	e at Peak T	Temperature Number of Reflow Cycles		cles		
Matte Tin (Sn) - annealed CU Alloy		1		260		С	30		seconds	3			
Comments													
evel 1 - maximum time at peak temperature during	soldering is 10-3	0 seconds											
For more information regarding material composit	on 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 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.

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	0.03	mg	Supplier	Silicon (Si)	7440-21-3		0.03	mg	
Lead Frame	0.21	mg	Supplier	Silver (Ag)	7440-22-4		0.0374	mg	
			В	Nickel (Ni)	7440-02-0		0.0649	mg	
			Supplier	Iron (Fe)	7439-89-6		0.0897	mg	
			Supplier	Copper (Cu)	7440-50-8		0.0181	mg	
Mold Compound-Black	0.19	mg	Supplier	Ortho Cresol Novolac Resin	29690-82-2		0.019	mg	
			Supplier	Carbon Black (C)	1333-86-4		0.0009	mg	
			Supplier	Aluminum Hydroxide (Al(OH)3)	21645-51-2		0.0275	mg	
			Supplier	Fused Silica (SiO2)	60676-86-0		0.1235	mg	
			Supplier	Phenolic Resin (Novolac)	9003-35-4		0.019	mg	
Plating	0.01	mg	Supplier	Tin (Sn)	7440-31-5		0.01	mg	
Wire Bond - Au	0.002	mg	Supplier	Gold (Au)	7440-57-5		0.002	mg	