ABBOCIATION CONNECTING ELECTRONICS INDUSTRIES® INCLUSTRIES®	ockburn, Illinois. A	Il rights reserved u ntions.	under both	This docume level parts, t	ent is a declar he declaratio	ration of th n encompa	he substances asses all lowe	within the manufac or level materials fo	cturer listed	item. No manufact	ote: if the inturer has e	tem is an assongtion of the second seco	embly with lower sponsibility.	
	IPC Web Site for Information on IPC-1752 Standard Form Typ http://www.ipc.org/IPC-175x Distribute				Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materia					ls and Mfg Information				
Supplier Information														
mpany name* Company unique ID				Unique ID Authority					Respo	Response Date*				
onsemi					2023-06-06									
Contact Name	Title - Contact				Phone - Contact*				Email	Email - Contact*				
Product-Env-Stewards Product Enviro Compliance					NA				Produ	Product-Env-Stewards@onsemi.com				
uthorized Representative* Title - Representative				1	Phone - Representative*				Email	Email - Representative*				
Product-Env-Stewards	Product Envi	Product Enviro Compliance			NA				Produ	Product-Env-Stewards@onsemi.com				
Requester Item Number Mfr	fr Item Number Mfr Item N		em Name		Effective Da	ate Vers	ion	Manufacturing Site		Weight*	* U	JOM	Unit Type	
SZE	SD7462N2T5G 16V ESD Protectio		ion		2023-06-06 CN1		CN1	0.929		r	ng	Each		
Manufacturing Proccess Information					1		I				L		-	
Terminal Plating / Grid Array Material	Terminal Base	erminal Base Alloy J		L Rating	Peak Pr	ak Process Body Temperature Max Time at Pe		ak Temper	Temperature Number		Reflow Cycle	s		
Precious metal (e.g. Ag,Au, NiPdAu) (no Sn) CU Alloy		1	1		260		C	30		onds 3				
Comments														
evel 1 - maximum time at peak temperature durin	soldering is 10-3	0 seconds												
for more information regarding material composit	ion 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 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.

Iomogeneous Material Weight Unit of Measu		Unit of Measure	Level	Substance	CAS	Exempt	Weight	Unit of Measure
Die	0.02	mg	Supplier	Silicon (Si)	7440-21-3		0.02	mg
Die Attach	0.008	mg	Supplier	Formaldehyde, polymer with amiline	67784-74-1		0.0002	mg
			Supplier	Bisphenol A, epichlorohydrin polymer	68610-41-3		0.0004	mg
			Supplier	Silver (Ag)	7440-22-4		0.0073	mg
			Supplier	Bisphenol A, Epichlorohydrin polymer	25036-25-3, 25068- 38-6		0.0001	mg
Lead Frame	0.41	mg	Supplier	Magnesium (Mg)	7439-95-4		0.0006	mg
			Supplier	Silicon (Si)	7440-21-3		0.0027	mg
			В	Nickel (Ni)	7440-02-0		0.0123	mg
			Supplier	Copper (Cu)	7440-50-8		0.3944	mg
Mold Compound-Black	0.34	mg		Epoxy resin	proprietary data		0.0272	mg
			Supplier	Silica Amorphous (SiO2)	7631-86-9		0.0102	mg
			Supplier	Carbon Black (C)	1333-86-4		0.0017	mg
			Supplier	Aluminum Hydroxide (Al(OH)3)	21645-51-2		0.0102	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		0.2805	mg
			Supplier	Phenolic Resin (Novolac)	9003-35-4		0.0102	mg
Plating	0.146	mg	Supplier	Palladium (Pd)	7440-05-3		0.0111	mg
			В	Nickel (Ni)	7440-02-0		0.1329	mg
			Supplier	Gold (Au)	7440-57-5		0.002	mg
Wire Bond - Au	0.005	mg	Supplier	Gold (Au)	7440-57-5		0.005	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).