ASSOCIATION CONNECTING ELECTRONICS INDUSTRIES						This document is a declaration of the substances within the manufacturer listed item. Note: if the item is an assembly with lower level parts, the declaration encompasses all lower level materials for which the manufacturer has engineering responsibility.							
				Form Type * Distribute	* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materials and Mfg Inform					lfg Informat	ion		
Supplier Information													
Company name*	Company unique ID			τ	Unique ID Authority					Response Date*			
onsemi										2023-06-08			
ntact Name Title - Contact				I	Phone - Contact*				Email - Contact*				
Product-Env-Stewards Product			Product Enviro Compliance			NA				Product-Env-Stewards@onsemi.com			
Authorized Representative* Title - H			itle - Representative			Phone - Representative*			Email - Representative*				
Product-Env-Stewards	Product Enviro Compliance				NA				Product-Env-Stewards@onsemi.com				
Requester Item Number	Mfr Item Numb		Jumber Mfr Item Name			Effective Date	Version	Man	Manufacturing Site		Weight*	UOM	Unit Type
	ESD7371	ESD7371HT1G Unidirectional, 7V 323		/ ESD protection in	SOD-	2023-06-08	023-06-08 CN1		1		4.65	mg	Each
Manufacturing Proccess Information	l												
Terminal Plating / Grid Array Materia	Terminal Plating / Grid Array Material Terminal Base Alloy J			-STD-020 MSL Ra	ting	Peak Proce	ss Body Temp	berature	Max Time at Peak	Tempera	ture Numb	per of Reflow Cyd	cles
Matte Tin (Sn) - annealed CU Alloy 1			1		260	С		30	secor	nds 3			
Comments													
level 1 - maximum time at peak temperature d	uring sold	lering is 10-3	0 seconds										
For more information regarding material com	position p	lease 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), Diisobutyl phthalate (DIBP). material (as defined by the RoHS Directive, EU 2011/65/EU and implemented by the laws of the European Union member states) of the part identified on this form contains lead, mercury,											
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	ess of the applicable quantity limit identified about the may apply. If the part is an assembly with low is accuracy and that such information is true and ce of its products with European Union member we independently verified such information. How	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.

sigma range of distribution unless otherwise noted).									
Homogeneous Material	Weight	Unit of Measure	Level	Substance	CAS	Exempt	Weight	Unit of Measure	
Die	0.59	mg	Supplier	Silicon (Si)	7440-21-3		0.59	mg	
Lead Frame	0.86	mg	В	Nickel (Ni)	7440-02-0		0.3122	mg	
			Supplier	Iron (Fe)	7439-89-6		0.4317	mg	
			Supplier	Copper (Cu)	7440-50-8		0.1161	mg	
Mold Compound-Black	3.06	mg	Supplier	Boron zinc hydroxide oxide	138265-88-0		0.0918	mg	
			Supplier	Zinc Monoxide (ZnO)	1314-13-2		0.0153	mg	
			Supplier	2,4,6-triamino-1,3,5-triazine isocyanuric acid	37640-57-6		0.0918	mg	
			Supplier	Silica Amorphous (SiO2)	7631-86-9		2.448	mg	
			Supplier	Carbon Black (C)	1333-86-4		0.0306	mg	
			Supplier	Ortho-Cresol Novolac Resin	29690-82-2		0.2448	mg	
			Supplier	Phenolic Resin (Novolac)	9003-35-4		0.1377	mg	
Plating	0.13	mg	Supplier	Tin (Sn)	7440-31-5		0.13	mg	
Wire Bond - Au	0.01	mg	Supplier	Gold (Au)	7440-57-5		0.01	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 (-) tolerance in percent (Note: percent tolerance values are expected to cover a 3 signa range of distribution unless otherwise noted).