ASSOCIATION CONNECTING ELECTRONICS INDUSTRIES INDUSTRIES INDUSTRIES	C. Bannockb	ourn. Illinois. A	Ill rights reserved untions.	under both	This docume level parts, t	ent is a declarat	ion of the spencompasse	ubstances s all lowe	within the r r level mate	manufacture rials for wh	er listed ite hich the ma	m. Note: nufacture	if the item is an as r has engineering	sembly with lowe responsibility.
				Form Type Distribute	* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materials					uls and Mfg	s and Mfg Information			
Supplier Information														
Company name* Comp			Company unique ID			Unique ID Authority					Response Date*			
onsemi											2024-04-24			
Contact Name	ntact Name Title - Contact					Phone - Contact*					Email - Contact*			
Product-Env-Stewards Product Envir			nviro Compliance			NA				Product-Env-Stewards@onsemi.com				
Authorized Representative* Title - Repr			presentative			Phone - Representative*				Email - Representative*				
Product-Env-Stewards Produ			Product Enviro Compliance			NA				Product-Env-Stewards@onsemi.com				
Requester Item Number	Mfr Item Number		er Mfr Item Name			Effective Date	Version	]	Manufacturing Site		W	eight*	UOM	Unit Type
	ESD1014	ESD1014MUTAG LOW CAP		TVS ARRAY		2024-04-24		1	MY1		11	.4	mg	Each
Manufacturing Proccess Informati	on					·					·			·
Terminal Plating / Grid Array Mate	erial Terminal Base Alloy		Alloy	J-STD-020 MS	L Rating	Peak Proc	ak Process Body Temperature Max Time at Peak		ne at Peak T	Temperature Number of Reflow Cycles		les		
Matte Tin (Sn) - annealed CU Alloy			1		260		С	30		second	3			
Comments														
evel 1 - maximum time at peak temperatur	e during sol	dering is 10-3	0 seconds											
For more information regarding material c	omposition	please refer to	page 3											

RoHS Material Composition Declaration				Declaration Type *	Detailed				
Directive 2015/863/EU amending RoHS Directive 2011/65/EU		nium (Cr6+), Polybro	ominated Biphenyls (PBB), Polybron	dmium and quantity limit of 0.1% by mass (100 minated Diphenyl Ethers (PBDE), and Bis(2-eth					
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 fields on all pages of this form. Select the "Accepted" on the Supplier Acceptance drop-down. This will display the signature area. Digitally sign the declaration (if required by the Requester) and click on Submit Form to have the form returned to the Requester.									
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	0.98	mg	Supplier	Silicon (Si)	7440-21-3		0.98	mg	
Die Attach Epoxy	0.18	mg		Epoxy resin	proprietary data		0.018	mg	
			Supplier	Cumene hydroperoxide	80-15-9		0.0009	mg	
			Supplier	Diethylene glycol monoethyl ether acetate	112-15-2		0.0081	mg	
			Supplier	Silver (Ag)	7440-22-4		0.153	mg	
Lead Frame	3.03	mg	Supplier	Silver (Ag)	7440-22-4		0.0606	mg	
			Supplier	Iron (Fe)	7439-89-6		0.0667	mg	
			Supplier	Copper (Cu)	7440-50-8		2.9027	mg	
Mold Compound-Black	6.08	mg	Supplier	Epoxy and Phenolic Resin	40216-08-8		0.4864	mg	
			Supplier	Carbon Black (C)	1333-86-4		0.0304	mg	
			Supplier	Aluminum Hydroxide (Al(OH)3)	21645-51-2		0.1216	mg	
			Supplier	Fused Silica (SiO2)	60676-86-0		5.2592	mg	
			Supplier	Phenolic Resin (Novolac)	9003-35-4		0.1824	mg	
Plating	0.99	mg	Supplier	Tin (Sn)	7440-31-5		0.99	mg	
Wire Bond - Au	0.14	mg	Supplier	Gold (Au)	7440-57-5		0.14	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 signa range of distribution unless otherwise noted).