ASSOCIATION CONNECTING ELECTRONICS INDUSTRIES® INCLUSTRES®	PC. Bannockt	ourn. Illinois. A	Il rights reserved untions.	under both	This docume level parts, t	ent is a declaration	ion of the su	ubstances s all lowe	within the m r level mater	anufacture ials for wh	er listed iten iich the man	n. Note: i ufacture	if the item is an as r has engineering	sembly with lowe responsibility.	
				Form Type Distribute	* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materi					us Materia	als and Mfg Information				
Supplier Information															
Company name* Con			Company unique ID			Unique ID Authority					Response Date*				
onsemi											2024-05-17				
Contact Name Title - Contact			ct	J			Phone - Contact*					Email - Contact*			
Product-Env-Stewards Produc			oduct Enviro Compliance			NA					Product-Env-Stewards@onsemi.com				
Authorized Representative* Title - I			le - Representative			Phone - Representative*				Email - Representative*					
Product-Env-Stewards Produ			roduct Enviro Compliance			NA				Product-Env-Stewards@onsemi.com					
Requester Item Number	equester Item Number Mfr Item N		Number Mfr Item Name			Effective Date	e Version	N	Manufacturing Site		We	ight*	UOM	Unit Type	
	MM3Z2	1M3Z27VST1G SOD-323 COP		ER PB FREE		2024-05-17		(CN1		4.5	1	mg	Each	
Manufacturing Proccess Informa	tion														
Terminal Plating / Grid Array M	ing / Grid Array Material Terminal Base Alloy			J-STD-020 MSL	Rating	Peak Pro	k Process Body Temperature Max Time at Peak			Temperature Number of Reflow Cycles					
Matte Tin (Sn) - annealed CU Alloy			1		260		С	30		seconds	3				
Comments															
evel 1 - maximum time at peak temperat	ure during so	Idering is 10-3	0 seconds												
or more information regarding material	composition	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 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.

sigma range of distribution unless otherwise noted).										
Homogeneous Material	Weight	Unit of Measure	Level	Substance	CAS	Exempt	Weight	Unit of Measure		
Die	0.49	mg	Supplier	Silicon (Si)	7440-21-3		0.49	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	3.02	mg	Supplier	Boron zinc hydroxide oxide	138265-88-0		0.0906	mg		
			Supplier	Zinc Monoxide (ZnO)	1314-13-2		0.0151	mg		
			Supplier	2,4,6-triamino-s-triazincompd.withs- triazine-triol	37640-57-6		0.0906	mg		
			Supplier	Silica Amorphous (SiO2)	7631-86-9		2.416	mg		
			Supplier	Carbon Black (C)	1333-86-4		0.0302	mg		
			Supplier	Ortho-Cresol Novolac Resin	29690-82-2		0.2416	mg		
			Supplier	Phenolic Resin (Novolac)	9003-35-4		0.1359	mg		
Plating	0.13	mg	Supplier	Tin (Sn)	7440-31-5		0.13	mg		
Wire Bond - Cu	0.01	mg	Supplier	Copper (Cu)	7440-50-8		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).