© Copyright	Composition De 2005. IPC, Bannockt and Pan-American co	ourn, Illinois. A	Il rights reserved untions.	under both	This docume level parts, t	ent is a declara he declaration	tion of the encompass	substance es all low	s within the manufac er level materials for	turer listed which the	item. Note: manufacture	if the item is an as r has engineering	ssembly with lower responsibility.	
	IPC Web Site for Information on IPC-1752 Standard Form http://www.ipc.org/IPC-175x Distri									erials and I	ials and Mfg Information			
Supplier Information														
Company name*			Company unique ID			Unique ID Authority				Respo	Response Date*			
onsemi										2024-0	2024-05-18			
Contact Name Title -			Fitle - Contact			Phone - Contact*				Email	Email - Contact*			
Product-Env-Stewards Produ			Product Enviro Compliance			NA				Produ	Product-Env-Stewards@onsemi.com			
Authorized Representative* Title - I			tle - Representative			Phone - Representative*			Email	Email - Representative*				
Product-Env-Stewards Product			roduct Enviro Compliance			NA				Produ	Product-Env-Stewards@onsemi.com			
Requester Item Number	aester Item Number Mfr Item		Number Mfr Item Name			Effective Da	e Versio	1	Manufacturing Site		Weight*	UOM	Unit Type	
	MMSZ4	698T1G	ZEN SOD123 REG 0.5W 11V			2024-05-18 CN1			11.525	mg	Each			
Manufacturing Proccess Inf	formation						-						·	
Terminal Plating / Grid A	Terminal Plating / Grid Array Material Terminal Base		Alloy	J-STD-020 MSI	L Rating	Peak Pro	cess Body '	Temperatu	are Max Time at Pe	ak Temper	ature Num	ber of Reflow Cy	cles	
Matte Tin (Sn) - annealed CU Alloy		CU Alloy		1		260		С	30	seco	onds 3			
Comments														
level 1 - maximum time at peak ter	nperature during so	dering is 10-3	0 seconds											
For more information regarding m	naterial composition	please refer to	page 3											

RoHS Material Composition Declaration				Declaration Type *	Detailed					
Directive 2015/863/EU amending RoHS Directive 2011/65/EU	oHS 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 hthalate (BBP), Dibutyl phthalate (DBP), Diisobutyl 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.

Homogeneous Material	Weight	Unit of Measure	Level	Substance	CAS	Exempt	Weight	Unit of Measure	
Die	0.88	mg	Supplier	Silicon (Si)	7440-21-3		0.88	mg	
Lead Frame	3.19	mg	В	Nickel (Ni)	7440-02-0		1.158	mg	
			Supplier	Iron (Fe)	7439-89-6		1.6014	mg	
			Supplier	Copper (Cu)	7440-50-8		0.4306	mg	
Mold Compound-Black	6.51	mg	Supplier	Boron zinc hydroxide oxide	138265-88-0		0.1953	mg	
			Supplier	Zinc Monoxide (ZnO)	1314-13-2		0.0325	mg	
			Supplier	2,4,6-triamino-s-triazincompd.withs- triazine-triol	37640-57-6		0.1953	mg	
			Supplier	Silica Amorphous (SiO2)	7631-86-9		5.208	mg	
			Supplier	Carbon Black (C)	1333-86-4		0.0651	mg	
			Supplier	Ortho-Cresol Novolac Resin	29690-82-2		0.5208	mg	
			Supplier	Phenolic Resin (Novolac)	9003-35-4		0.2929	mg	
Plating	0.8	mg	Supplier	Tin (Sn)	7440-31-5		0.8	mg	
Wire Bond	0.145	mg	Supplier	Palladium (Pd)	7440-05-3		0.0019	mg	
			Supplier	Copper (Cu)	7440-50-8		0.1431	mg	