ASSOCIATION CONNECTINI	Material Composi © Copyright 2005. IPC, international and Pan-Ar	Bannockb	urn, Illinois. A	Il rights reserved untions.	under both	This docum level parts, t	ent is a declara the declaration	tion of the encompass	substance es all low	s within the m er level mater	anufacture ials for wh	er listed it hich the m	em. Note: anufacture	if the item is an as r has engineering	sembly with lower responsibility.
1752-21.1	IPC Web Site for Information on IPC-1752 Standard Form Type http://www.ipc.org/IPC-175x Distribute				*	 * Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materi 					als and Mfg Information				
Supplier Inform	ation														
Company name*			Company unique ID				Unique ID Authority					Response Date*			
onsemi												2023-06-12			
Contact Name			Title - Contact				Phone - Contact*					Email - Contact*			
Product-Env-Stewards			Product Enviro Compliance				NA				Product-Env-Stewards@onsemi.com				
Authorized Represe	ntative*		Title - Representative				Phone - Representative*				Email - Representative*				
Product-Env-Stewards			Product Enviro Compliance				NA				Product-Env-Stewards@onsemi.com				
Requeste	Requester Item Number Mfr Iten		n Number Mfr Item Name				Effective Dat	e Versio	1	Manufacturing Site		N N	Veight*	UOM	Unit Type
		SESD9L5.0ST5G SO		SOD-923 EUT SNGL CPR PBF			2023-06-12					0).443	mg	Each
Manufacturing	Proccess Information	n													
Terminal Plating / Grid Array Material Termina			erminal Base A	inal Base Alloy J-STD-020 MSL Ra			Peak Process Body Temperature Max Time at Peak				e at Peak '	Temperature Number of Reflow Cycles			
Matte Tin (Sn) - annealed CU Alloy			U Alloy		1		260		C	30		secon	ds 3		
Comments															
evel 1 - maximum ti	me at peak temperature o	during sol	dering is 10-3	0 seconds											
for more information	on regarding material con	position	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	ances per the definitio	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	0.03	mg	Supplier	Silicon (Si)	7440-21-3		0.03	mg
Lead Frame	0.21	mg	Supplier	Silver (Ag)	7440-22-4		0.0374	mg
			В	Nickel (Ni)	7440-02-0		0.0649	mg
			Supplier	Iron (Fe)	7439-89-6		0.0897	mg
			Supplier	Copper (Cu)	7440-50-8		0.0181	mg
Mold Compound-Black	0.19	mg	Supplier	Boron zinc hydroxide oxide	138265-88-0		0.0057	mg
			Supplier	Zinc Monoxide (ZnO)	1314-13-2		0.0009	mg
			Supplier	2,4,6-triamino-1,3,5-triazine isocyanuric acid	37640-57-6		0.0057	mg
			Supplier	Silica Amorphous (SiO2)	7631-86-9		0.152	mg
			Supplier	Carbon Black (C)	1333-86-4		0.0019	mg
			Supplier	Ortho-Cresol Novolac Resin	29690-82-2		0.0152	mg
			Supplier	Phenolic Resin (Novolac)	9003-35-4		0.0086	mg
Plating	0.01	mg	Supplier	Tin (Sn)	7440-31-5		0.01	mg
Wire Bond - Cu	0.003	mg	Supplier	Copper (Cu)	7440-50-8		0.003	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).