ASSOCIATION CONNECTING ELECTRONICS INDUSTRIES	Material Composition Declaration © Copyright 2005. IPC, Bannockburn, Illinois. All rights reserved under both international and Pan-American copyright conventions.					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.											
752-21.1	IPC Web Site for Information on IPC-1752 Standard Form Type Distribute				* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Mater						als and Mfg Information						
Supplier Informa	ation																
Company name*	Company unique ID			Unique ID Authority						Response Date*							
nsemi												2025-06-04					
Contact Name	Title - Contact			Phone - Contact*					Email - Contact*								
Product-Env-Stewar	ds	Product Enviro Compliance			NA					Product-Env-Stewards@onsemi.com							
uthorized Represent	tative*	Title - Representative			Phone - Representative*					Email - Representative*							
Product-Env-Stewards			Product Enviro Compliance			NA					Product-Env-Stewards@onsemi.com						
Requester	Requester Item Number Mfr Item I ESD55811								Version	on Manufacturing Site		ing Site	Weight*		nt*	UOM	Unit Type
						n SOD-882				0.824			mg	Each			
Ianufacturing P	Proccess Information	l						I								•	1
Terminal Pl	Terminal Plating / Grid Array Material		erminal Base A	minal Base Alloy J-STD-020 M		L Rating	Peak P	rocess	ocess Body Temperature		re Max Time at Peak Temper		Temperat	ure	Number	of Reflow Cyc	cles
Precious metal (e.g. Ag,Au, NiPdAu) (no Sn)			CU Alloy 1		1		260		С		30		seconds 3		3		
omments																	
vel 1 - maximum tin	ne at peak temperature d	uring sol	dering is 10-3	0 seconds													
or more information	n regarding material com	position p	please refer to	page 3													

RoHS Material Composition Declaration				Declaration Type *	Detailed								
Directive 2015/863/EU amending RoHS Directive 2011/65/EU													
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 co 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 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	0.015	mg	Supplier	Silicon (Si)	7440-21-3		0.015	mg
Die Attach	0.008	mg	Supplier	Silver (Ag)	7440-22-4		0.006	mg
			Supplier	Epoxy resins	129915-35-1		0.002	mg
Lead Frame	0.45	mg	Supplier	Magnesium (Mg)	7439-95-4		0.0007	mg
			Supplier	Silicon (Si)	7440-21-3		0.0029	mg
			В	Nickel (Ni)	7440-02-0		0.0135	mg
			Supplier	Copper (Cu)	7440-50-8		0.4329	mg
Mold Compound-Black	0.34	mg	Supplier	Epoxy and Phenolic Resin	40216-08-8		0.0272	mg
			Supplier	Carbon Black (C)	1333-86-4		0.0017	mg
			Supplier	Aluminum Hydroxide (Al(OH)3)	21645-51-2		0.0068	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		0.2941	mg
			Supplier	Phenolic Resin (Novolac)	9003-35-4		0.0102	mg
Plating	0.008	mg	Supplier	Palladium (Pd)	7440-05-3		0.0007	mg
			В	Nickel (Ni)	7440-02-0		0.0072	mg
			Supplier	Gold (Au)	7440-57-5		0.0001	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).