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.												
	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 Mater					erials and M	ials and Mfg Information						
Supplier Information																	
Company name*			Company unique ID			1	Unique ID Authority					Respons	Response Date*				
nsemi												2023-06	2023-06-08				
Contact Name			Title - Contact]	Phone - Contact*					Email -	Email - Contact*				
Product-Env-Stewards			Product Enviro Compliance				NA					Produc	Product-Env-Stewards@onsemi.com				
Authorized Representative*			Title - Representative]	Phone - Representative*				Email -	Email - Representative*					
Product-Env-Stewards			Product Enviro Compliance				NA				Produc	Product-Env-Stewards@onsemi.com					
Requester Item N	Requester Item Number Mfr Iten		m Number Mfr Item Name				Effective Date Version Manufacturity		facturing Site	Weight*		t*	UOM	Unit Type			
	7	74LVX541MTC OCTAL B		OCTAL BUF/LI	ΓAL BUF/LINE DVR 3-St		2023-06-08				PH4		73.596		mg	Each	
Anufacturing Proce	ess Information							1				I			1	1	
Terminal Plating	Terminal Plating / Grid Array Material		erminal Base Alloy J-STD-020		J-STD-020 MS	L Rating	Peak Proce		ess Body Temperature Max Time at Peal		ak Temperat	Temperature Numbe		of Reflow Cyc	eles		
Precious metal (e.g. Ag,Au, NiPdAu) (no Sn)		(no CU	CU Alloy 1		1		260		С		30		ds 3	3			
omments																	
vel 1 - maximum time at p	oeak temperature du	ring sold	lering is 10-3	0 seconds													
or more information rega	rding material comp	osition p	lease 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 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	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.

sigma range of distribution unless otherwise noted).									
Homogeneous Material	Weight	Unit of Measure	Level	Substance	CAS	Exempt	Weight	Unit of Measure	
Die	1.25	mg	Supplier	Silicon (Si)	7440-21-3		1.25	mg	
Die Attach	0.136	mg	Supplier	Silver (Ag)	7440-22-4		0.109	mg	
			Supplier	Phenolic Resin-2	54208-63-8		0.027	mg	
Lead Frame	30.624	mg	Supplier	Magnesium (Mg)	7439-95-4		0.046	mg	
			Supplier	Silicon (Si)	7440-21-3		0.199	mg	
			В	Nickel (Ni)	7440-02-0		0.979	mg	
			Supplier	Copper (Cu)	7440-50-8		29.4	mg	
Mold Compound-Black	40.867	mg	Supplier	Ortho Cresol Novolac Resin	29690-82-2		8.173	mg	
			Supplier	Carbon Black (C)	1333-86-4		0.409	mg	
			Supplier	Fused Silica (SiO2)	60676-86-0		32.285	mg	
Plating	0.223	mg	Supplier	Palladium (Pd)	7440-05-3		0.006	mg	
			В	Nickel (Ni)	7440-02-0		0.213	mg	
			Supplier	Gold (Au)	7440-57-5		0.004	mg	
Wire Bond - Au	0.496	mg	Supplier	Gold (Au)	7440-57-5		0.496	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)