ABSOCIATION CONNECTING ELECTRONICS INDUSTRIES® International and Par	PC, Bannock	burn, Illinois. A	Il rights reserved untions.	under both	This docume level parts, t	ent is a declar he declaration	ration of n encon	f the substance npasses all low	es within ver level 1	the manufact naterials for	urer listed it which the m	em. Note anufactur	: if the item is an as rer has engineering	ssembly with low responsibility.		
	IPC Web Site for Information on IPC-1752 Standard Form Typ http://www.ipc.org/IPC-175x Distribute				e *	Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Mater					erials and Mi	ials and Mfg Information				
upplier Information																
'ompany name*	Company un	Company unique ID			Unique ID Authority					Respons	Response Date*					
nsemi											2023-06-08					
Contact Name Title - Contact			ct		Phone - Contact*				Email -	Email - Contact*						
Product-Env-Stewards	Product Envi	luct Enviro Compliance			NA					Product	Product-Env-Stewards@onsemi.com					
Authorized Representative* Title - Representati			sentative	ntative Pl			Phone - Representative*				Email - I	Email - Representative*				
Product-Env-Stewards	Product Enviro Compliance				NA				Product	Product-Env-Stewards@onsemi.com						
Requester Item Number	Requester Item Number Mfr Iter		m Number Mfr Item Name			Effective Date Version Manufac		cturing Site	Weight*		UOM	Unit Type				
	74LVT1	74LVT16374MTDX LV		LV 16 BIT D FLIP-FLOP		2023-06-08		PH4		1	191.762 mg		Each			
Ianufacturing Proccess Informa	tion					• •							1			
Terminal Plating / Grid Array Ma	terial	Ferminal Base A	Alloy	J-STD-020 MSL Rating		Peak Process Body Tem		Body Temperat	rature Max Time at Peak		ık Temperat	emperature Number of Reflow Cycles		cles		
Precious metal (e.g. Ag,Au, NiPdAu) (no Sn)		CU Alloy 2		2		260		С	30		secon	ls 3				
omments																
TTENTION: MSL 2 Rated item require	s Dry Pack (after electrical	test)													
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 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 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	2.3	mg	Supplier	Silicon (Si)	7440-21-3		2.3	mg
Die Attach	0.272	mg	Supplier	Ethylene glycol dicyclopentenyl ether methacrylate	68586-19-6		0.0095	mg
			Supplier	Bis(a,a-dimethylbenzyl) Peroxide	80-43-3		0.0018	mg
			Supplier	Silver (Ag)	7440-22-4		0.2607	mg
Lead Frame	70.195	mg	Supplier	Zinc (Zn)	7440-66-6		0.0842	mg
			Supplier	Iron (Fe)	7439-89-6		1.6496	mg
			Supplier	Copper (Cu)	7440-50-8		68.4401	mg
			Supplier	Phosphorus (P)	7723-14-0		0.0211	mg
Mold Compound-Black	111.1	mg		Epoxy resin	proprietary data		11.11	mg
			Supplier	Phenol Resin	Proprietary Data		5.2217	mg
			Supplier	Carbon Black (C)	1333-86-4		0.3333	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		94.435	mg
Plating	6.705	mg	Supplier	Palladium (Pd)	7440-05-3		0.2286	mg
		-	В	Nickel (Ni)	7440-02-0		6.3999	mg
			Supplier	Gold (Au)	7440-57-5		0.0764	mg
Wire Bond - Au	1.19	mg	Supplier	Gold (Au)	7440-57-5		1.19	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).