ASSOCIATION CONNECTIN ELECTRONICS INDUSTRIE	© Copyright 2005. IPC, international and Pan-Ar	Bannockb	urn, Illinois. A	ll rights reserved untions.	under both	This docume level parts, t	ent is a declara he declaration	ion of the s encompasse	ubstances es all lower	within the manufactur r level materials for w	er listed i hich the n	tem. Note: i nanufacturer	f 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				e *	 Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materi 					als and Mfg Information			
Supplier Inforn	nation													
Company name*			Company unique ID			-	Unique ID Authority				Response Date*			
onsemi											2023-06-08			
Contact Name			Title - Contact				Phone - Contact*				Email - Contact*			
Product-Env-Stewards			Product Enviro Compliance				NA				Product-Env-Stewards@onsemi.com			
Authorized Representative*			Title - Representative				Phone - Representative*			Email - Representative*				
Product-Env-Stewards			Product Enviro Compliance				NA				Product-Env-Stewards@onsemi.com			
Request	Requester Item Number Mfr Iter		n Number Mfr Item Name				Effective Dat	e Version	ersion Manufacturing Site			Weight*	UOM	Unit Type
		NLHV18T3244MNT HVLS WG		HVLS			2023-06-08		Р	PH1		144.58	mg	Each
Manufacturing	Proccess Information	n												
Terminal Plating / Grid Array Material			erminal Base Alloy J-STD-020 MSI		L Rating	Peak Process Body Temperature		re Max Time at Peak Tempera		ure Numb	per of Reflow Cyc	eles		
Matte Tin (Sn) - annealed CU A			CU Alloy	Alloy 3			260 C 30		seconds 3					
Comments														
ATTENTION: MSI	2 3 Rated item requires Ba	ake and D	ry Pack (after	electrical test)										
For more informati	on regarding material con	nposition	please refer to	page 3										

RoHS Material Composition Declaration				Declaration Type *	Detailed							
Directive 2015/863/EU amending RoHS Directive 2011/65/EU	(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 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.

sigma range of distribution unless	otherwise noted).							
Homogeneous Material	Weight	Unit of Measure	Level	Substance	CAS	Exempt	Weight	Unit of Measure
Die	3.82	mg	Supplier	Silicon (Si)	7440-21-3		3.82	mg
Die Attach	0.41	mg	Supplier	Epoxized Condensate Of Para- Hydrobenzaldehyde And Alkyl Phenol	129915-35-1		0.2665	mg
			Supplier	Aluminum Trioxide (Al2O3)	1344-28-1		0.1435	mg
Lead Frame	64.83	mg	Supplier	Silver (Ag)	7440-22-4		0.5186	mg
			Supplier	Zinc (Zn)	7440-66-6		0.0648	mg
			Supplier	Iron (Fe)	7439-89-6		1.6856	mg
			Supplier	Copper (Cu)	7440-50-8		62.561	mg
Mold Compound-Black	71.54	mg		Epoxy resin	proprietary data		3.3624	mg
			Supplier	Silica Amorphous (SiO2)	7631-86-9		7.154	mg
			Supplier	Carbon Black (C)	1333-86-4		0.0715	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		57.5897	mg
			Supplier	Phenolic Resin (Novolac)	9003-35-4		3.3624	mg
Plating	3.37	mg	Supplier	Tin (Sn)	7440-31-5		3.37	mg
Wire Bond - Au	0.61	mg	Supplier	Gold (Au)	7440-57-5		0.61	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 signa range of distribution unless otherwise noted).