© Copy	rial Composition yright 2005. IPC, Bani tional and Pan-Americ	nockburn, Illinois. A	All rights reserved untions.	under both	This docume level parts, th	ent is a declar he declaration	ation of the nencompa	ne substances asses all lowe	within the r r level mate	manufactur erials for wl	er listed ite hich the m	em. Note anufactu	e: if the item is an a rer has engineering	assembly with lowe g responsibility.	
	IPC Web Site for Information on IPC-1752 Standard Form T http://www.ipc.org/IPC-175x Distribution				e *	Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Mater					ials and Mfg Information				
Supplier Information															
Company name*	Company un	Company unique ID			Unique ID Authority					Response Date*					
onsemi												2023-06-08			
Contact Name	Title - Conta	Title - Contact			Phone - Contact*					Email - Contact*					
Product-Env-Stewards	Product Env	Product Enviro Compliance			NA					Product-Env-Stewards@onsemi.com					
Authorized Representative*	Title - Repre	Title - Representative			Phone - Representative*				Email - Representative*						
Product-Env-Stewards	Product Env	Product Enviro Compliance			NA				Product-Env-Stewards@onsemi.com						
Requester Item Nu	uester Item Number Mfr Iter		n Number Mfr Item Name			Effective Da	ate Vers	ion	Manufacturing Site		V	Veight*	UOM	Unit Type	
	NL3S22SMUTAG		USB 2.0 + Audio Switch with MHL Capability		IHL	2023-06-08			MY1		3	.54	mg	Each	
Manufacturing Procces	s Information														
Terminal Plating / C	al Plating / Grid Array Material Ter		se Alloy J-STD-020 MSL		L Rating	Peak Process Body Te		y Temperatu	perature Max Time at Peak		Temperature Number of Reflow Cyc		cles		
Precious metal (e.g. Ag,Au, NiPdAu) (no Sn)		o CU Alloy	U Alloy 1			260		C	30		second	seconds 3			
Comments						-			·						
evel 1 - maximum time at pe	ak temperature durii	ng soldering is 10-3	30 seconds												
or more information regard	ing material composi	ition please refer to	o 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 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								
Homogeneous Material	Weight	Unit of Measure	Level	Substance	CAS	Exempt	Weight	Unit of Measure
Die	0.24	mg	Supplier	Silicon (Si)	7440-21-3		0.24	mg
Die Attach	0.1	mg	Supplier	Epoxized Condensate Of Para- Hydrobenzaldehyde And Alkyl Phenol	129915-35-1		0.032	mg
			Supplier	Aluminum Trioxide (Al2O3)	1344-28-1		0.068	mg
Lead Frame	0.59	mg	Supplier	Silver (Ag)	7440-22-4		0.0118	mg
			Supplier	Iron (Fe)	7439-89-6		0.013	mg
			Supplier	Copper (Cu)	7440-50-8		0.5652	mg
Mold Compound-Black	2.49	mg		Epoxy Phenol Resin	proprietary data		0.2241	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		2.2659	mg
Plating	0.01	mg	Supplier	Palladium (Pd)	7440-05-3		0.0003	mg
			В	Nickel (Ni)	7440-02-0		0.0096	mg
			Supplier	Gold (Au)	7440-57-5		0.0001	mg
Wire Bond - Au	0.11	mg	Supplier	Gold (Au)	7440-57-5		0.11	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).