ABSOCIATION CONNECTING ELECTRONICS INDUSTRIES® INFORMATION CONNECTING	PC, Bannock	burn, Illinois. A	ll rights reserved u ntions.	nder both	This docum level parts, t	ent is a decla the declaratio	ration on enco	of the subsompasses a	stances 11 lower	vithin the r level mate	nanufactur rials for w	rer listed it which the m	em. Not anufacti	te: if the i urer has e	tem is an ass engineering i	sembly with low responsibility.
	IPC Web Site for Information on IPC-1752 Standard Form Typ http://www.ipc.org/IPC-175x Distribute				* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Mat					ous Materi	rials and Mfg Information					
Supplier Information																
Company name* Com			Company unique ID			Unique ID Authority					Response Date*					
onsemi											2023-06-08					
Contact Name	Title - Conta	itle - Contact			Phone - Contact*					Email - Contact*						
Product-Env-Stewards	Product Enviro Compliance			NA					Product-Env-Stewards@onsemi.com							
authorized Representative*	Title - Repres	Title - Representative			Phone - Representative*				Email - Representative*							
Product-Env-Stewards	Product Enviro Compliance				NA					Product-Env-Stewards@onsemi.com						
Requester Item Number	Item Number Mfr Item Nur		Number Mfr Item Name			Effective D	Effective Date Version Manufacturing Site		ng Site	,	Weight*	1	UOM	Unit Type		
	NLU1G	U1G32AMUTCG SINGLE 2-INI		PUT OR GATE		2023-06-08						2	22.08		mg	Each
Aanufacturing Proccess Informa	tion															I
Terminal Plating / Grid Array M	aterial	Terminal Base A	Alloy	J-STD-020 MSL Rating		Peak Process Body		Body Tem	emperature Max Time at Peak		Temperature Number		umber of	Reflow Cyc	les	
Precious metal (e.g. Ag,Au, NiPdAu) (no Sn)		CU Alloy 1		l		260		С		30		secon	ds 3			
Comments																
vel 1 - maximum time at peak temperat	are during so	ldering is 10-3	0 seconds													
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		nium (Cr6+), Polybro	ominated Biphenyls (PBB), Polybron	dmium and quantity limit of 0.1% by mass (100 minated Diphenyl Ethers (PBDE), and Bis(2-eth	
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	0.2	mg	Supplier	Silicon (Si)	7440-21-3		0.2	mg
Die Attach	0.45	mg	Supplier	Epoxized Condensate Of Para- Hydrobenzaldehyde And Alkyl Phenol	129915-35-1		0.144	mg
			Supplier	Aluminum Trioxide (Al2O3)	1344-28-1		0.306	mg
Lead Frame	6.97	mg	Supplier	Silver (Ag)	7440-22-4		1.9446	mg
			Supplier	Iron (Fe)	7439-89-6		0.0767	mg
			Supplier	Copper (Cu)	7440-50-8		4.9487	mg
Mold Compound-Black	12.08	mg		Epoxy resin	proprietary data		0.8456	mg
			Supplier	Phenolic Resin	Proprietary Data		0.8456	mg
			Supplier	Silica Amorphous (SiO2)	7631-86-9		1.812	mg
			Supplier	Carbon Black (C)	1333-86-4		0.0604	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		8.5164	mg
Plating	0.71	mg	Supplier	Palladium (Pd)	7440-05-3		0.0227	mg
			В	Nickel (Ni)	7440-02-0		0.6795	mg
			Supplier	Gold (Au)	7440-57-5		0.0078	mg
Wire Bond - Au	1.67	mg	Supplier	Gold (Au)	7440-57-5		1.67	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).