	Material Composit © Copyright 2005. IPC, international and Pan-An	Bannockb	urn, Illinois. A	ll rights reserved untions.	under both	This docume level parts, t	ent is a declarati	aration on enc	of the sub ompasses	ostances v all lower	vithin the level mat	manufacture erials for wh	er listed it nich the m	em. Not anufactu	te: if the urer has	item is an ass engineering r	embly with lower esponsibility.
1752-21.1	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					eous Materia	als and Mfg Information						
Supplier Informa	tion																
Company name*	Company unique ID			Unique ID Authority						Response Date*							
onsemi											2023-06-08						
Contact Name	Title - Contact				Phone - Contact*					Email - Contact*							
Product-Env-Steward	Product Enviro Compliance			NA					Product-Env-Stewards@onsemi.com								
Authorized Represent	Title - Representative			Phone - Representative*					Email - Representative*								
Product-Env-Stewards			Product Enviro Compliance			NA					Product-Env-Stewards@onsemi.com						
Requester	Requester Item Number Mfr Item			Number Mfr Item Name			Effective I	ective Date Version Manufacturing Site		ring Site	Weight*			UOM	Unit Type		
	NLAS38		99BMNTBG	BMNTBG DUAL DPDT LOW RON SWITCH			2023-06-0	8		MY1			9	.94		mg	Each
Manufacturing P	roccess Information	L															
Terminal Pl	Terminal Plating / Grid Array Material		erminal Base Alloy J-S		J-STD-020 MS) MSL Rating		Peak Process Body Tempera		mperature	ture Max Time at Peak T		Temperature Number		umber of	mber of Reflow Cycles	
Precious metal (e.g. Ag,Au, NiPdAu) (no Sn)			CU Alloy 1		1		260		С		30		seconds 3				
Comments									•								
evel 1 - maximum tim	ie at peak temperature d	luring sol	dering is 10-3	0 seconds													
or more information	regarding material com	position	olease refer to	page 3													

RoHS Material Composition Declaration				Declaration Type *	Detailed								
Directive 2015/863/EU amending RoHS Directive 2011/65/EU	11/65/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), Dibutyl phthalate (DBP).												
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 co 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	0.79	mg	Supplier	Silicon (Si)	7440-21-3		0.79	mg
Die Attach Epoxy	0.11	mg		Epoxy resin	proprietary data		0.033	mg
			Supplier	Diethylene glycol monoethyl ether acetate	112-15-2		0.0385	mg
			Supplier	Aluminum Trioxide (Al2O3)	1344-28-1		0.0385	mg
Lead Frame	2.05	mg	Supplier	Silver (Ag)	7440-22-4		0.041	mg
			Supplier	Iron (Fe)	7439-89-6		0.0451	mg
			Supplier	Copper (Cu)	7440-50-8		1.9639	mg
Mold Compound-Black	6.91	mg		Epoxy resin	proprietary data		0.3248	mg
			Supplier	Silica Amorphous (SiO2)	7631-86-9		0.691	mg
			Supplier	Carbon Black (C)	1333-86-4		0.0069	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		5.5626	mg
			Supplier	Phenolic Resin (Novolac)	9003-35-4		0.3248	mg
Plating	0.04	mg	Supplier	Palladium (Pd)	7440-05-3		0.0013	mg
			В	Nickel (Ni)	7440-02-0		0.0383	mg
			Supplier	Gold (Au)	7440-57-5		0.0004	mg
Wire Bond - Au	0.04	mg	Supplier	Gold (Au)	7440-57-5		0.04	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).