ASSOCIATION CONNE	© Copyright 2005. I	Material Composition Declaration © Copyright 2005. IPC, Bannockburn, Illinois. All rights reserved under both international and Pan-American copyright conventions.				This document is a declaration of the substances within the manufacturer listed item. Note: if the item is an assembly with low level parts, the declaration encompasses all lower level materials for which the manufacturer has engineering responsibility.										
752-21.1		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 Mater						als and Mf	g Inforn	nation		
Supplier Info	rmation															
Company name*			Company unique ID			ī	Unique ID Authority					Response Date*				
onsemi													2023-06-08			
Contact Name		Title - Contact]	Phone - Contact*					Email - Contact*					
Product-Env-Sto	ewards	Product Enviro Compliance				NA					Product-Env-Stewards@onsemi.com					
Authorized Repr	resentative*	Title - Representative]	Phone - Representative*				Email - Representative*						
Product-Env-Stewards			Product Enviro Compliance				NA				Product-Env-Stewards@onsemi.com					
Requ	ester Item Number	Mfr Iten	Item Number Mfr Item Name				Effective Da	te Versio	Version Ma		Manufacturing Site		eight*	UOM	Unit Type	
		NLAS5223		23BLMNR2G DUAL SPDT ULTRA-LOW RON			2023-06-08 MY1			5.24		mg	Each			
Ianufacturi i	ng Proccess Informa	tion						<u> </u>								
Termi	nal Plating / Grid Array Ma	terial [Terminal Base Alloy		J-STD-020 MS	020 MSL Rating		Peak Process Body Temperature		re Max Time at Peak Temper		Temperatu	rature Number of Reflow Cycles		Cycles	
Precious metal (e.g. Ag,Au, NiPdAu) (no Sn)		dAu) (no	CU Alloy 1		1		260		C 30			second	s 3			
Comments																
vel 1 - maximu	m time at peak temperatu	re during so	oldering is 10-3	0 seconds												
or more inform	nation regarding material	composition	please refer to	page 3												

RoHS Material Composition Declaration			Declaration Type *	Detail	led						
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), Diisobutyl phthalate (DIBP).											
cadmium, hexavalentchromium, polybromir contains a RoHS restricted substance inexce encompass all such components. Supplier ce as of the date that Supplier completes this fo Company acknowledges that Supplier may l independently verified information provided certification in this paragraph. If the Compan	nated biphenyls and/or polybrominated dipless of an applicable quantity limit, please intifies that it gathered the information it prome. Supplier acknowledges that Company have relied on information provided by other by others, Supplier agrees that, at a mining and the Supplier enter into a written agree esource of the Supplier's liability and the	henyl ethers (each a "RoHS restricted substational substance below which, if any, RoHS exemption by desired in this form using appropriate method will rely on this certification in determining ters in completing this form, and that Supplies have provided certification between the will respect to the identified part, the Company's remedies for issues that arise respects to the identified part, the company's remedies for issues that arise respects to the identified part, the company's remedies for issues that arise respects to the identified part, the company's remedies for issues that arise respects to the identified part, the company's remedies for issues that arise respects to the identified part, the company's remedies for issues that arise respects to the identified part, the company's remedies for issues that arise respects the company is the co	ws of the European Union member states) of the pnce") in excess of the applicable quantity limit iden you believe may apply. If the part is an assemble is to ensure its accuracy and that such information the compliance of its products with European Union may not have independently verified such informs regarding their contributions to the part, and tho terms and conditions of that agreement, including the provides in this formation information the Supplier provides in this formation.	entified above. If a y with lower level is true and correct on member state la nation. However, in se certifications are any warranty rigl	n homogeneous material within the part components, the declaration shall t to the best of its knowledge and belief, aws that implement the RoHS Directive. In situations where Supplier has not the at least as comprehensive as the this and/or remedies provided as part of						
RoHS Declaration * 1 - Item	(s) does not contain RoHS restricted substa	ances per the definition above	Supplier Ac	cceptance *	Accepted						
Exemption: If the declared item does not contain RoHS restricted substances per the definition above except for defined RoHS exemptions, then select the corresponding response in the RoHS Declaration above and choose all applicable exemptions.											
Exemption List Version	EL-2011/534/EU										
Declaration Signature											
Instructional Complete all of the required	fields on all neggs of this form. Calcut th		a duan dawn. This will display the signature on	a Digitally sign	the declaration (if recruired by the						
Instructions: Complete all of the required Requester) and click on Submit Form to			e drop-down. This will display the signature ar	ea. Digitally sign	the declaration (if required by the						

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.

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).

Homogeneous Material	mogeneous Material Weight Unit of M		Level	Substance	CAS	Exempt	Weight	Unit of Measure
Die	0.26	mg	Supplier	Silicon (Si)	7440-21-3		0.26	mg
Die Attach	0.17	mg	Supplier	Epoxized Condensate Of Para- Hydrobenzaldehyde And Alkyl Phenol	129915-35-1		0.0544	mg
			Supplier	Aluminum Trioxide (Al2O3)	1344-28-1		0.1156	mg
Lead Frame	0.89	mg	Supplier	Silver (Ag)	7440-22-4		0.0178	mg
			Supplier	Iron (Fe)	7439-89-6		0.0196	mg
			Supplier	Copper (Cu)	7440-50-8		0.8526	mg
Mold Compound-Black	3.71	mg		Epoxy Phenol Resin	proprietary data		0.3339	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		3.3761	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	0.17	mg	Supplier	Gold (Au)	7440-57-5		0.17	mg