ACCOCIATION CONNECTING	Material Composit © Copyright 2005. IPC, 1 international and Pan-An	Bannockb	urn, Illinois. A	ll rights reserved untions.	under both	This docume level parts, t	ent is a decla he declaratio	ration of the	e substances sses all lowe	within the r level ma	e manufacture terials for wh	er listed ite hich the m	em. Note anufactu	e: if the it rer has e	tem is an asse ngineering re	mbly with lower sponsibility.
	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 Mater						als and Mfg Information				
Supplier Informat	tion															
Company name*	Company unique ID				Unique ID Authority					Response Date*						
onsemi												2024-05-20				
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					
Requester It	equester Item Number Mfr Iter		Number Mfr Item Name				Effective Date Version Manufacturing Si		ring Site	Weight*		τ	JOM	Unit Type		
	NL17SZ		)8MU3TCG	CG Single 2-Input AND Gate			2024-05-20		1	РНМ		1	.39	r	ng	Each
Manufacturing Pr	occess Information	L							I					<b>I</b>		-
Terminal Pla	Terminal Plating / Grid Array Material		erminal Base A	Base Alloy J-STD-02		L Rating	Peak Pr	rocess Body	cess Body Temperature Max		Max Time at Peak Tempera		ture Number of Reflow Cycles		S	
Precious metal (e.g. Ag,Au, NiPdAu) (no Sn)			U Alloy	lloy 1			260		C	C 30		seconds 3				
Comments																
evel 1 - maximum time	e at peak temperature d	luring sol	dering is 10-3	0 seconds												
for more information	regarding material com	position j	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.

M-4	XX/-:-1-4	The A of Man	Tanal	Seek-demon	CAS	<b>F</b> 4	XX/	II. A of Mo
Homogeneous Material	Weight	Unit of Measure	Level	Substance	CAS	Exempt	Weight	Unit of Measure
Die	0.03	mg	Supplier	Silicon (Si)	7440-21-3		0.03	mg
Die Attach Epoxy	0.01	mg		Epoxy resin	proprietary data		0.0065	mg
			Supplier	Aluminum Trioxide (Al2O3)	1344-28-1		0.0035	mg
Lead Frame	0.49	mg	Supplier	Tin (Sn)	7440-31-5		0.0012	mg
			Supplier	Zinc (Zn)	7440-66-6		0.0011	mg
			Supplier	Chromium (Cr)	7440-47-3		0.0012	mg
			Supplier	Copper (Cu)	7440-50-8		0.4865	mg
Mold Compound-Black	0.84	mg	Supplier	Silica Amorphous (SiO2)	7631-86-9		0.063	mg
			Supplier	Carbon Black (C)	1333-86-4		0.0042	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		0.6678	mg
			Supplier	EpoxyNovolaCresins (Cresolic)	64425-89-4		0.042	mg
			Supplier	Phenolic Resin (Novolac)	9003-35-4		0.063	mg
Plating	0.01	mg	Supplier	Palladium (Pd)	7440-05-3		0.0002	mg
			В	Nickel (Ni)	7440-02-0		0.0088	mg
			Supplier	Gold (Au)	7440-57-5		0.001	mg
Wire Bond	0.01	mg	Supplier	Palladium (Pd)	7440-05-3		0.0001	mg
			Supplier	Copper (Cu)	7440-50-8		0.0099	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).