ASSOCIATION CONNECTING	Material Composit © Copyright 2005. IPC, international and Pan-Ar	Bannockb	urn, Illinois. A	ll rights reserved untions.	under both	This docum level parts, t	ent is a declarat	ion of the s encompasse	ubstances es all lower	within the manufactur r level materials for w	rer listed i hich the r	tem. Note: i nanufacturer	f the item is an as has engineering	sembly with lower responsibility.	
1752-21.1					Form Type Distribute	* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materi					als and Mfg Information				
Supplier Informa	ation														
Company name*			Company unique ID				Unique ID Authority					Response Date*			
onsemi											2023-06-08				
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	Requester Item Number Mfr Item		n Number Mfr Item Name				Effective Date	version	Ν	Anufacturing Site		Weight*	UOM	Unit Type	
		NCV7321MW2R2G		ESD IMPROVED LIN TRANSC.		С.	2023-06-08		F	PHG		26.83	mg	Each	
Manufacturing P	Proccess Information	n													
Terminal Plating / Grid Array Material Term			rminal Base Alloy J-STD-020 MSL		L Rating	Peak Process Body Temperature		e Max Time at Peak	Tempera	ture Numb	er of Reflow Cyc	eles			
Matte Tin (Sn) - annealed CU Alloy			U Alloy		1		260		С	30	secor	nds 3			
Comments															
level 1 - maximum tir	me at peak temperature o	during sol	dering is 10-3	0 seconds											
For more information	n regarding material con	position	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	on above	Supplier Acceptance	* 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									
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.

omogeneous Material Weight Unit of Measure		Level	Substance	CAS	Exempt	Weight	Unit of Measure	
Die	0.3	mg	Supplier	Silicon (Si)	7440-21-3		0.3	mg
Die Attach	0.79	mg	Supplier	Isobornyl Methacrylate	7534-94-3		0.0474	mg
			Supplier	Silver (Ag)	7440-22-4		0.6439	mg
			Supplier	Isobornyl Acrylate	5888-33-5		0.0474	mg
			Supplier	Misc.	Proprietary Data		0.0039	mg
			Supplier	Tricyclo[5.2.1.02,6]decanedimethanol Diacrylate (C18H24O4)	42594-17-2		0.0474	mg
Lead Frame	10.18	mg	Supplier	Silver (Ag)	7440-22-4		0.2036	mg
			Supplier	Zinc (Zn)	7440-66-6		0.0122	mg
			Supplier	Iron (Fe)	7439-89-6		0.2392	mg
			Supplier	Copper (Cu)	7440-50-8		9.7219	mg
			Supplier	Phosphorus (P)	7723-14-0		0.0031	mg
Mold Compound-Black	15.0	mg	Supplier	Silica Amorphous (SiO2)	7631-86-9		1.2	mg
			Supplier	Carbon Black (C)	1333-86-4		0.075	mg
			Supplier	Aluminum Hydroxide (Al(OH)3)	21645-51-2		0.3	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		11.775	mg
			Supplier	Ortho-Cresol Novolac Resin	29690-82-2		1.2	mg
			Supplier	Phenolic Resin (Novolac)	9003-35-4		0.45	mg
Plating	0.49	mg	Supplier	Tin (Sn)	7440-31-5		0.49	mg
Wire Bond - Au	0.07	mg	Supplier	Gold (Au)	7440-57-5		0.07	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).