ASSOCIATION CONNECTING ELECTRONICS INDUSTRIES*	Material Composit © Copyright 2005. IPC, international and Pan-Ar	Bannockb	urn, Illinois. A	ll rights reserved untions.	nder both	This docum level parts, t	ent is a declara	tion of the encompass	substances ses all lowe	within the manufact or level materials for	urer listed which the	item. Note: if manufacturer	f the item is an as has engineering	ssembly with lower responsibility.	
1752-21.1					Form Type Distribute	* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materi				erials and l	als and Mfg Information				
Supplier Informa	tion														
Company name*			Company unique ID				Unique ID Authority				Respo	Response Date*			
onsemi											2024-0	2024-04-30			
Contact Name			Title - Contact				Phone - Contact*				Email	Email - Contact*			
Product-Env-Stewards			Product Enviro Compliance				NA				Produ	Product-Env-Stewards@onsemi.com			
Authorized Representative*			Title - Representative				Phone - Representative*				Email	Email - Representative*			
Product-Env-Steward	Product Enviro Compliance				NA				Produ	Product-Env-Stewards@onsemi.com					
Requester	equester Item Number Mfr Iten		n Number Mfr Item Name				Effective Dat	Date Version Manufacturing Site			Weight*	UOM	Unit Type		
		NRVBA160T3G		SBN REC SMA 1A 60V SHTKY		Y	2024-04-30			VN5		76.66	mg	Each	
Manufacturing P	roccess Information	1													
Terminal Plating / Grid Array Material Terr			erminal Base Alloy J-STD-020 MSL R			L Rating	Peak Process Body Temperature Max Time at Pea			k Temperature Number of Reflow Cycles					
Matte Tin (Sn) - annealed CU Alloy			U Alloy		l		260		C	30	seco	onds 3			
Comments															
evel 1 - maximum tim	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		mium (Cr6+), Polybrominated Biphenyls (Pl		dmium and quantity limit of 0.1% by mass (10 minated Diphenyl Ethers (PBDE), and Bis(2-et	
cadmium, hexavalentchromium, polybromina contains a RoHS restricted substance inexces encompass all such components. Supplier cer as of the date that Supplier completes this for Company acknowledges that Supplier may h independently verified information provided certification in this paragraph. If the Company	ated biphenyls and/or polybrominated dip s of an applicable quantity limit, please in iffies that it gathered the information it pr m.Supplier acknowledges that Company ave relied on informationprovided by oth by others, Supplier agrees that, at a minir and the Supplier enter into a written agr esource of the Supplier's liability and the	henyl ethers (each a "RoHS restricted substa ndicate below which, if any, RoHS exemption ovides in this form using appropriate methoo will rely on this certification in determining ers in completing this form, and that Supplie num, itssuppliers have provided certification eement with respect to the identified part, the Company's remedies for issues that arise reg	nce") in exco n you believe ls to ensure i the compliar r may not ha s regarding t terms and co	e may apply. If the part is an assembly with low s accuracy and that such information is true an ce of its products with European Union member de independently verified such information. Ho neir contributions to the part, and those certifica	ove. If a homogeneous material within the part er level components, the declaration shall d correct to the best of its knowledge and belief, er state laws that implement the RoHS Directive. wever, in situations where Supplier has not ations are at least as comprehensive as the anty rights and/or remedies provided as part of
RoHS Declaration * 4 - Item(s) does not contain RoHS restricted subst	ances per the definition above except for sele	ected exempt	ions Supplier Acceptance	* Accepted
Exemption: 7a: Lead in high melting temp	erature type solders (i.e. lead based sol	der alloys containing 85% by weight or m	ore lead).		
Exemption List Version	EL-2011/534/EU				
Declaration Signature					
Instructions: Complete all of the required Requester) and click on Submit Form to h			e drop-dowi	a. This will display the signature area. Digita	lly sign the declaration (if required by the
Supplier Digital Signature	astislav 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
Clip	7.0	mg	Supplier	Zinc (Zn)	7440-66-6		0.014	mg
			В	Nickel (Ni)	7440-02-0		0.0252	mg
			Supplier	Iron (Fe)	7439-89-6		0.1778	mg
			Supplier	Copper (Cu)	7440-50-8		6.7725	mg
			Supplier	Phosphorus (P)	7723-14-0		0.0105	mg
Die	1.12	mg	Supplier	Silicon (Si)	7440-21-3		1.12	mg
Die Attach Solder	3.45	mg	Supplier	Silver (Ag)	7440-22-4		0.0862	mg
			А	Lead (Pb)	7439-92-1	7a	3.1913	mg
			Supplier	Tin (Sn)	7440-31-5		0.1725	mg
Lead Frame	28.84	mg	Supplier	Zinc (Zn)	7440-66-6		0.0346	mg
			Supplier	Iron (Fe)	7439-89-6		0.6922	mg
			Supplier	Copper (Cu)	7440-50-8		28.0902	mg
			Supplier	Phosphorus (P)	7723-14-0		0.0231	mg
Mold Compound-Black	34.87	mg	Supplier	Ortho Cresol Novolac Resin	29690-82-2		3.487	mg
			Supplier	Carbon Black (C)	1333-86-4		0.1743	mg
			Supplier	Aluminum Hydroxide (Al(OH)3)	21645-51-2		5.0561	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		22.6655	mg
			Supplier	Phenolic Resin (Novolac)	9003-35-4		3.487	mg
Plating	1.38	mg	Supplier	Tin (Sn)	7440-31-5		1.38	mg