ASSOCIATION CONNECTING ELECTRONICS INDUSTRIES® INDUSTRIES® INTERNATIONALS INDUSTRIES®	IPC, Bannockt	ourn, Illinois. A	All rights reserved untions.	under both	This docum level parts, t	ent is a declar the declaration	ation of the encompas	e substance sses all low	s within the materi	anufacture als for wh	er listed ite hich the ma	em. Note: anufacture	if the item is an as er has engineering	ssembly with lower responsibility.
	IPC Web Site for Information on IPC-1752 Standard Form http://www.ipc.org/IPC-175x Disc				pe * Declaration Class * e Class 6 - RoHS Yes/No, Homogeneous Mater				ıs Materia	ials and Mfg Information				
Supplier Information														
Company name* Co			Company unique ID			Unique ID Authority					Response Date*			
onsemi											2024-05-12			
Contact Name Title			Title - Contact			Phone - Contact*					Email - Contact*			
Product-Env-Stewards Prod			Product Enviro Compliance			NA				Product-Env-Stewards@onsemi.com				
Authorized Representative* Title - H			itle - Representative			Phone - Representative*				Email - Representative*				
Product-Env-Stewards Product			roduct Enviro Compliance			NA				Product-Env-Stewards@onsemi.com				
Requester Item Number	em Number Mfr Item N		Number Mfr Item Name			Effective Da	te Versi	on	Manufacturing Site		W	/eight*	UOM	Unit Type
	NRVUS	110VT3G	NO CONVERSION DESCRIPTION		ION	2024-05-12			VN5		1	14.91	mg	Each
Manufacturing Proccess Inform	nation						·							
Terminal Plating / Grid Array Material Terminal Base		Alloy	J-STD-020 MS	L Rating	Peak Pr	ocess Body	/ Temperat	ure Max Time	e at Peak '	Temperatu	re Num	ber of Reflow Cy	cles	
Matte Tin (Sn) - annealed CU Alloy				1		260		С	30		second	s 3		
Comments														
level 1 - maximum time at peak temper	ature during so	ldering is 10-3	0 seconds											
For more information regarding mater	ial composition	please refer to	o page 3											

RoHS Material Composition Declar	ation			Declaration Type *	Detailed							
Directive 2015/863/EU amending Rol Directive 2011/65/EU	(Pb), Mercury (Hg), Hexav	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, polyb contains a RoHS restricted substance i encompass all such components.Suppl as of the date that Supplier completes Company acknowledges that Supplier independently verified information pro- certification in this paragraph.If the Co	rominated biphenyls and/or polybror nexcess of an applicable quantity lim ier certifies that it gathered the inforr this form.Supplier acknowledges that may have relied on informationprovi ovided by others, Supplier agrees that ompany and the Supplier enter into a clusivesource of the Supplier's liabili	ninated diphenyl ethers (each a "R it, please indicate below which, if nation it provides in this form usin Company will rely on this certifud ded by others in completing this f , at a minimum, itssuppliers have written agreement with respect to ty and the Company's remedies for	toHS restricted substance") in exce any, RoHS exemption you believe ag appropriate methods to ensure it cation in determining the complian orm, and that Supplier may not hav provided certifications regarding th the identified part,the terms and co or issues that arise regarding inform	ropean Union member states) of the part identifies so of the applicable quantity limit identified about may apply. If the part is an assembly with lows a accuracy and that such information is true and ce of its products with European Union member re independently verified such information. How heir contributions to the part, and those certifica motions of that agreement, including any warra nation the Supplier provides in this form. In the	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 inty rights and/or remedies provided as part of							
RoHS Declaration * 4	- Item(s) does not contain RoHS restr	icted substances per the definition	above except for selected exempti	ons Supplier Acceptance	* Accepted							
Exemption: 7a: Lead in high meltin Exemption: 7c-I Electrical and elect	g temperature type solders (i.e. lead ronic components containing lead i	l based solder alloys containing n a glass or ceramic other than	85% by weight or more lead). dielectric ceramic in capacitors, o	e.g. piezoelectronic devices, or in a glass or ce	eramic matrix compound.							
Exemption List Version	EL-2011/534/EU											
Declaration Signature												
Instructions: Complete all of the rec Requester) and click on Submit For			Supplier Acceptance drop-down	. This will display the signature area. Digital	ly sign the declaration (if required by the							
Supplier Digital Signature	Rastislav 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	16.81	mg	Supplier	Zinc (Zn)	7440-66-6		0.0202	mg
			Supplier	Iron (Fe)	7439-89-6		0.395	mg
			Supplier	Copper (Cu)	7440-50-8		16.3897	mg
			Supplier	Phosphorus (P)	7723-14-0		0.005	mg
Die	0.7	mg	Supplier	Silicon (Si)	7440-21-3		0.693	mg
			Supplier	Lead Bisilicate	65997-18-4	7c	0.007	mg
Die Attach Solder	0.52	mg	Supplier	Silver (Ag)	7440-22-4		0.013	mg
			А	Lead (Pb)	7439-92-1	7a	0.481	mg
			Supplier	Tin (Sn)	7440-31-5		0.026	mg
Lead Frame	46.99	mg	Supplier	Zinc (Zn)	7440-66-6		0.0564	mg
			Supplier	Iron (Fe)	7439-89-6		1.1043	mg
			Supplier	Copper (Cu)	7440-50-8		45.8153	mg
			Supplier	Phosphorus (P)	7723-14-0		0.0141	mg
Mold Compound-Black	48.07	mg	Supplier	Ortho Cresol Novolac Resin	29690-82-2		4.807	mg
			Supplier	Carbon Black (C)	1333-86-4		0.2403	mg
			Supplier	Aluminum Hydroxide (Al(OH)3)	21645-51-2		6.9701	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		31.2455	mg
			Supplier	Phenolic Resin (Novolac)	9003-35-4		4.807	mg
Plating	1.82	mg	Supplier	Tin (Sn)	7440-31-5		1.82	mg