ASSOCIATION CONNECTING ELECTRONICS INDUSTRIES® INCLUSTRES®	IPC. Bannockl	ourn. Illinois. A	Il rights reserved untions.	under both	This docume level parts, t	ent is a declaration	ion of the spencompasse	ubstances s all lowe	within the r level mat	manufacture erials for wh	er listed iten nich the ma	m. Note: nufacture	if the item is an as r has engineering	sembly with lowe responsibility.	
				Form Type Distribute	*	* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Material					als and Mfg	ls and Mfg Information			
Supplier Information															
Company name* Com			Company unique ID			Unique ID Authority					Response Date*				
onsemi Contact Name Title - Contact					Phone - Contact*					2023-06-08 Email - Contact*					
Product-Env-Stewards Product Enviro C						NA				Product-Env-Stewards@onsemi.com					
Authorized Representative* Title - Re			- Representative			Phone - Representative*				Email - Representative*					
Product-Env-Stewards Product			duct Enviro Compliance			NA					Product-Env-Stewards@onsemi.com				
Requester Item Number	uester Item Number Mfr Item Num		Number Mfr Item Name			Effective Date	Version	I	Manufacturing Site		W	eight*	UOM	Unit Type	
	NCV331	NCV33164D-5R2G ANA UNDE		5V SENSE CRKT		2023-06-08		1	PH1		72	.0	mg	Each	
Anufacturing Proccess Informa	ntion										L				
Terminal Plating / Grid Array M	ninal Plating / Grid Array Material Terminal Base Alloy		Alloy	J-STD-020 MSI	-020 MSL Rating Pea		Peak Process Body Temperature Max Time at Peak		Temperature Number of Reflow Cycles						
Matte Tin (Sn) - annealed CU Alloy			1		260		С	30		seconds	3				
omments															
vel 1 - maximum time at peak temperat	ure during so	ldering is 10-3	0 seconds												
or more information regarding materia	l composition	please refer to	page 3												

RoHS Material Composition Declaration				Declaration Type *	Detailed							
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), Disobutyl phthalate (DIBP).											
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 v 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 co 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.

				ance category (JIG or Requester) or enter a [F] Optionally enter the positive (+) and n				
sigma range of distribution unless	s otherwise noted).	it of the substance of the f		[1] Optionally enter the positive (1) and h	egative () toterance in per	cent (110te: percer	n tolerance varies are	
Homogeneous Material	Weight	Unit of Measure	Level	Substance	CAS	Exempt	Weight	Unit of Measure
Die	1.33	mg	Supplier	Silicon (Si)	7440-21-3		1.33	mg
Die Attach	2.4	mg	Supplier	Silver (Ag)	7440-22-4		1.8	mg
			Supplier	Epoxy resins	129915-35-1		0.6	mg
Lead Frame	37.61	mg	Supplier	Silver (Ag)	7440-22-4		0.7898	mg
			Supplier	Zinc (Zn)	7440-66-6		0.0752	mg
			Supplier	Iron (Fe)	7439-89-6		0.9403	mg
			Supplier	Copper (Cu)	7440-50-8		35.8047	mg
Mold Compound-Black	28.58	mg		Epoxy resin	proprietary data		1.429	mg
			Supplier	Phenolic Resin	Proprietary Data		1.429	mg
			Supplier	Ortho Cresol Novolac Resin	29690-82-2		0.5716	mg
			Supplier	Carbon Black (C)	1333-86-4		0.1429	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		25.0075	mg
Plating	1.89	mg	Supplier	Tin (Sn)	7440-31-5		1.89	mg
Wire Bond - Au	0.19	mg	Supplier	Gold (Au)	7440-57-5		0.19	mg