ABSOCIATION CONNECTING ELECTRONICS INDUSTRIES® international and P	IPC, Bannock	burn, Illinois. A	All rights reserved untions.	under both	This docume level parts, t	ent is a declar the declaration	ration of n encon	f the substance npasses all low	es within ver level r	he manufact naterials for	turer listed in which the m	em. No anufac	ote: if the it turer has e	tem is an as ngineering i	sembly with low responsibility.	
	IPC Web Site for Information on IPC-1752 Standard Form Typ http://www.ipc.org/IPC-175x Distribute				e *	Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Mater					erials and M	ials and Mfg Information				
upplier Information																
Company name*	Company un	Company unique ID			Unique ID Authority					Respons	Response Date*					
onsemi										2023-06-08						
Contact Name	Title - Conta	Title - Contact			Phone - Contact*					Email -	Email - Contact*					
Product-Env-Stewards	Product Envi	Product Enviro Compliance			NA					Produc	Product-Env-Stewards@onsemi.com					
uthorized Representative*	Title - Repre	Title - Representative			Phone - Representative*				Email -	Email - Representative*						
Product-Env-Stewards	Product Enviro Compliance				NA					Produc	Product-Env-Stewards@onsemi.com					
Requester Item Number	Requester Item Number Mfr Iter		m Number Mfr Item Name			Effective Da	ate Ve	ersion	Manufacturing Site CNS		,	Weight	* U	JOM	Unit Type	
	NC7SP	NC7SP00P5X UL		ULP 2-Input NAND Gate		2023-06-08					4	5.9997		ng	Each	
Ianufacturing Proccess Inform	ation														I	
Terminal Plating / Grid Array M	Iaterial	Terminal Base	Alloy	J-STD-020 MSL Rating		Peak Process B		ody Temperature Max Time at Peal		ak Temperat	Temperature Number		Reflow Cyc	les		
Precious metal (e.g. Ag,Au, NiPdAu) (no Sn)		CU Alloy 1		1		260		С	30		secon	seconds 3				
omments																
vel 1 - maximum time at peak tempera	ture during so	oldering 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), Diisobutyl 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 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.

Homogeneous Material	Weight	Unit of Measure	Level	Substance	CAS	Exempt	Weight	Unit of Measure
Die	0.2027	mg	Supplier	Silicon (Si)	7440-21-3		0.2027	mg
Die Attach	0.0202	mg	Supplier	Silver (Ag)	7440-22-4		0.0162	mg
			Supplier	Ortho-Cresol Novolac Resin	29690-82-2		0.004	mg
Lead Frame	3.2956	mg	Supplier	Zinc (Zn)	7440-66-6		0.0042	mg
			Supplier	Iron (Fe)	7439-89-6		0.0781	mg
			Supplier	Copper (Cu)	7440-50-8		3.2106	mg
			Supplier	Phosphorus (P)	7723-14-0		0.0027	mg
Mold Compound-Black	2.4264	mg		Epoxy resin	proprietary data		0.1213	mg
			Supplier	Phenolic Resin	Proprietary Data		0.0485	mg
			Supplier	Ortho Cresol Novolac Resin	29690-82-2		0.0607	mg
			Supplier	Carbon Black (C)	1333-86-4		0.0121	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		2.1838	mg
Plating	0.0244	mg	Supplier	Palladium (Pd)	7440-05-3		0.001	mg
			В	Nickel (Ni)	7440-02-0		0.0232	mg
			Supplier	Gold (Au)	7440-57-5		0.0002	mg
Wire Bond - Au	0.0304	mg	Supplier	Gold (Au)	7440-57-5		0.0304	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).