ABSOCIATION CONNECTING ELECTRONICS INDUSTRIES® INTERNATIONAL AND PARTY AND P	IPC, Bannock	burn, Illinois. A	Il rights reserved untions.	nder both	This docume level parts, t	ent is a declar the declaration	ration of n encom	the substances passes all low	s within the ser level mate	manufactur erials for wh	er listed ite hich the ma	em. Note: anufacture	if the item is an as r has engineering	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 Materials and					als and Mf	and Mfg Information			
Supplier Information															
Company name*	Company unique ID			Unique ID Authority					Response Date*						
onsemi											2023-06-08				
			Title - Contact			Phone - Contact*					Email - Contact*				
Product-Env-Stewards	Product Envi	Product Enviro Compliance			NA					Product-Env-Stewards@onsemi.com					
Authorized Representative* Title			Title - Representative			Phone - Representative*				Email - Representative*					
Product-Env-Stewards	Product Enviro Compliance				NA				Product-Env-Stewards@onsemi.com						
Requester Item Number	quester Item Number Mfr Iter		n Number Mfr Item Name			Effective Date Version Manufacturing Sit		ing Site	W	veight*	UOM	Unit Type			
	NC7WF	NC7WP00L8X Du		Dual 2-Input NAND Gate		2023-06-08 TH2			3.4562		mg	Each			
Anufacturing Proccess Inform	ation												I	l	
Terminal Plating / Grid Array M	Iaterial [Ferminal Base A	Alloy	J-STD-020 MSL R		Peak Process Body Ter		ody Temperati	erature Max Time at Peak		Temperatu	Cemperature Number of Reflow Cycles		les	
Precious metal (e.g. Ag,Au, NiPdAu) (no Sn)		CU Alloy 1		1		260		С	30 so		second	s 3			
omments															
vel 1 - maximum time at peak tempera	ture 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 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	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	0.1476	mg	Supplier	Silicon (Si)	7440-21-3		0.1476	mg
Die Attach Epoxy	0.0154	mg		Epoxy resin	proprietary data		0.0046	mg
			Supplier	Diethylene glycol monoethyl ether acetate	112-15-2		0.0054	mg
			Supplier	Aluminum Trioxide (Al2O3)	1344-28-1		0.0054	mg
Lead Frame	1.0344	mg	Supplier	Magnesium (Mg)	7439-95-4		0.0018	mg
			Supplier	Silicon (Si)	7440-21-3		0.0077	mg
			В	Nickel (Ni)	7440-02-0		0.0336	mg
			Supplier	Copper (Cu)	7440-50-8		0.9914	mg
Mold Compound-Black	2.225	mg	Supplier	Carbon Black (C)	1333-86-4		0.0111	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		1.958	mg
			Supplier	Ortho-Cresol Novolac Resin	29690-82-2		0.1446	mg
			Supplier	Phenolic Resin (Novolac)	9003-35-4		0.1112	mg
Plating	0.0146	mg	Supplier	Palladium (Pd)	7440-05-3		0.0011	mg
			В	Nickel (Ni)	7440-02-0		0.0133	mg
			Supplier	Gold (Au)	7440-57-5		0.0002	mg
Wire Bond - Au	0.0192	mg	Supplier	Gold (Au)	7440-57-5		0.0192	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).