ASSOCIATION CONNECTING ELECTRONICS INDUSTRIES® International and Par	PC. Bannockl	burn, Illinois, A	Il rights reserved untions.	under both	This docume level parts, t	ent is a declaration entities the declaration entities and the declaration entities and the declaration entities and the declaration entities are an entities and the declaration entities are an entities and the declaration entities are an entite are an entities are an entities are an entite are	on of the su	bstances v all lower	within the manufactule level materials for w	urer listed which the	item. Note: manufacture	if the item is an as er has engineering	ssembly with low responsibility.	
				Form Type Distribute					rials and N	ials and Mfg Information				
upplier Information														
Company name* Comp			ompany unique ID			Unique ID Authority				Respor	Response Date*			
nsemi										2023-0	2023-06-08			
ntact Name Title - Contact			ct		Phone - Contact*				Email	Email - Contact*				
Product-Env-Stewards Product Envi			viro Compliance			NA				Produ	Product-Env-Stewards@onsemi.com			
Authorized Representative* Title - Repre			presentative			Phone - Representative*			Email	Email - Representative*				
Product-Env-Stewards Product			roduct Enviro Compliance			NA				Produ	Product-Env-Stewards@onsemi.com			
Requester Item Number	Mfr Iten	n Number	Mfr Item Name			Effective Date	te Version Manufacturing Site			Weight*	UOM	Unit Type		
	NC7SV8	NC7SV86P5X ULP-A		JLP-A 2-Input XOR Gate		2023-06-08		C	CNS		5.842	mg	Each	
Ianufacturing Proccess Informa	tion					•								
Terminal Plating / Grid Array M	aterial T	Ferminal Base	lloy J-STD-020 MSL Rat		L Rating	Peak Proce	ak Process Body Temperatur		are Max Time at Peak Tempera		ture Num	ber of Reflow Cy	cles	
Matte Tin (Sn) - annealed CU Alloy		CU Alloy	1			260 C		30 seco		seconds 3				
omments														
vel 1 - maximum time at peak temperatu	ure during so	Idering is 10-3	0 seconds											
or more information regarding material	composition	please refer to	page 3											

RoHS Material Composition Declaration				Declaration Type *	Detailed					
Directive 2015/863/EU amending RoHS Directive 2011/65/EU	coHS 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 hthalate (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 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	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	0.147	mg	Supplier	Silicon (Si)	7440-21-3		0.147	mg
Die Attach Epoxy	0.04	mg	Supplier	Silver (Ag)	7440-22-4		0.0368	mg
			Supplier	Phenolic Resin-2	54208-63-8		0.0032	mg
Lead Frame	2.213	mg	Supplier	Silver (Ag)	7440-22-4		0.0066	mg
			Supplier	Zinc (Zn)	7440-66-6		0.0027	mg
			Supplier	Iron (Fe)	7439-89-6		0.052	mg
			Supplier	Copper (Cu)	7440-50-8		2.151	mg
			Supplier	Phosphorus (P)	7723-14-0		0.0007	mg
Mold Compound-Black	3.182	mg	Supplier	Ortho Cresol Novolac Resin	29690-82-2		0.9228	mg
			Supplier	Carbon Black (C)	1333-86-4		0.0318	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		2.2274	mg
Plating	0.23	mg	Supplier	Tin (Sn)	7440-31-5		0.23	mg
Wire Bond - Au	0.03	mg	Supplier	Gold (Au)	7440-57-5		0.03	mg