ASSOCIATION CONNECTING LEGETRONICS INDUSTRIES® International and Pa	IPC, Bannock	burn, Illinois. A	Il rights reserved untions.	under both	This docume level parts, t	ent is a declar he declaration	ration of t n encomp	the substances basses all lowe	within the r er level mate	manufacture erials for wh	er listed ite	m. Note: i nufacture	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 Mater					ials and Mfg Information				
upplier Information															
ompany name*	Company uni	Company unique ID			Unique ID Authority					Response Date*					
nsemi											2023-06-08				
Contact Name Title - Contact				Pho			Phone - Contact*				Email - Contact*				
Product-Env-Stewards	Product Envi	Product Enviro Compliance			NA					Product-Env-Stewards@onsemi.com					
Authorized Representative* Title - Representative			entative P			Phone - Representative*				Email - Representative*					
Product-Env-Stewards	Product Enviro Compliance				NA				Product-Env-Stewards@onsemi.com						
Requester Item Number	Mfr Iten	n Number	Number Mfr Item Name			Effective Da	ate Ver	sion	Manufacturing Site		W	eight*	UOM	Unit Type	
	NC7SV	NC7SV00L6X ULP-A		LP-A 2-Input NAND Gate		2023-06-08 T		TH2		2.	0707	mg	Each		
Ianufacturing Proccess Informa	ition						1	1			Letter and the second sec		I	1	
Terminal Plating / Grid Array M	aterial	Ferminal Base A	Alloy	J-STD-020 MSL Rating		Peak Process Body 7		dy Temperatu	mperature Max Time at Peak		Temperature Number of Reflow Cycles		eles		
Precious metal (e.g. Ag,Au, NiPdAu) (no Sn)		CU Alloy 1		1		260		C	30 so		second	s 3			
omments															
vel 1 - maximum time at peak temperat	ure during so	ldering is 10-3	0 seconds												
or more information regarding materia	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), Dibutyl											
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	0.1165	mg	Supplier	Silicon (Si)	7440-21-3		0.1165	mg
Die Attach	0.0146	mg	Supplier	Diethylene glycol monoethyl ether acetate			0.0037	mg
		U	Supplier	Ortho Cresol Novolac Resin	29690-82-2		0.0037	mg
			Supplier	Aluminum Trioxide (Al2O3)	1344-28-1		0.0072	mg
Lead Frame	0.7075	mg	Supplier	Magnesium (Mg)	7439-95-4		0.0013	mg
		-	Supplier	Silicon (Si)	7440-21-3		0.0052	mg
			В	Nickel (Ni)	7440-02-0		0.023	mg
			Supplier	Copper (Cu)	7440-50-8		0.678	mg
Mold Compound-Black	1.21	mg	Supplier	Ortho Cresol Novolac Resin	29690-82-2		0.0786	mg
			Supplier	Carbon Black (C)	1333-86-4		0.006	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		1.0648	mg
			Supplier	Phenolic Resin (Novolac)	9003-35-4		0.0605	mg
Plating	0.0099	mg	Supplier	Palladium (Pd)	7440-05-3		0.0007	mg
			В	Nickel (Ni)	7440-02-0		0.0091	mg
			Supplier	Gold (Au)	7440-57-5		0.0001	mg
Wire Bond	0.0122	mg	Supplier	Palladium (Pd)	7440-05-3		0.0001	mg
			Supplier	Gold (Au)	7440-57-5		0.0121	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).