ASSOCIATION CONNECTING	© Convright 2005 IPC Bannockburn Illinois All rights reserved under both				This document is a declaration of the substances within the manufacturer listed item. Note: if the item is an assembly with lower level parts, the declaration encompasses all lower level materials for which the manufacturer has engineering responsibility.										
1752-21.1	IPC Web Site for Information on IPC-1752 Standard Form Type http://www.ipc.org/IPC-175x Distribute				e *	* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materi					als and Mfg Information				
Supplier Inform	ation														
Company name*			Company unique ID				Unique ID Authority					Response Date*			
onsemi											202	2023-06-08			
Contact Name			Title - Contact				Phone - Contact*				En	Email - Contact*			
Product-Env-Stewards			Product Enviro Compliance				NA				Pr	Product-Env-Stewards@onsemi.com			
Authorized Representative*			Title - Representative				Phone - Representative*				En	Email - Representative*			
Product-Env-Stewards			Product Enviro Compliance				NA				Pr	Product-Env-Stewards@onsemi.com			
Requeste	Requester Item Number Mfr Item		n Number Mfr Item Name				Effective Date	Version		Manufacturing Site		Weight*	UOM	Unit Type	
		NL17SH02P5T5G Single		Single 2-Input NO	ingle 2-Input NOR Gate		2023-06-08	2023-06-08				1.19	mg	Each	
Manufacturing ]	Proccess Information	1													
Terminal Plating / Grid Array Material Terr			erminal Base Alloy J-STD-020 MSL F		L Rating	Peak Process Body Temperature Ma		re Max Time at	Peak Tem	perature Num	ber of Reflow Cy	cles			
Matte Tin (Sn) - annealed CU			U Alloy	Alloy 1			260 C 30		30	5	seconds 3				
Comments															
evel 1 - maximum ti	me at peak temperature o	luring sol	dering is 10-3	0 seconds											
For more informatio	on regarding material con	position 1	please refer to	page 3											

RoHS Material Composition Declaration				Declaration Type *	Detailed					
Directive 2015/863/EU amending RoHS Directive 2011/65/EU		nium (Cr6+), Polybro	ominated Biphenyls (PBB), Polybron	dmium and quantity limit of 0.1% by mass (100 minated Diphenyl Ethers (PBDE), and Bis(2-eth						
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	on above	Supplier Acceptance	* Accepted						
Exemption: If the declared item does not contain RoHS restricted substances per the definition above except for defined RoHS exemptions, then select the corresponding response in the RoHS Declaration above and choose all applicable exemptions.										
Exemption List Version	EL-2011/534/EU									
Declaration Signature										
Instructions: Complete all of the required fields on all pages of this form. Select the "Accepted" on the Supplier Acceptance drop-down. This will display the signature area. Digitally sign the declaration (if required by the Requester) and click on Submit Form to have the form returned to the Requester.										
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.

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).				-			
Homogeneous Material	Weight	Unit of Measure	Level	Substance	CAS	Exempt	Weight	Unit of Measure
Die	0.03	mg	Supplier	Silicon (Si)	7440-21-3		0.03	mg
Lead Frame	0.52	mg	Supplier	Silver (Ag)	7440-22-4		0.0926	mg
			В	Nickel (Ni)	7440-02-0		0.1607	mg
			Supplier	Iron (Fe)	7439-89-6		0.222	mg
			Supplier	Copper (Cu)	7440-50-8		0.0447	mg
Mold Compound-Black	0.6	mg	Supplier	Ortho Cresol Novolac Resin	29690-82-2		0.06	mg
			Supplier	Carbon Black (C)	1333-86-4		0.003	mg
			Supplier	Aluminum Hydroxide (Al(OH)3)	21645-51-2		0.087	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		0.39	mg
			Supplier	Phenolic Resin (Novolac)	9003-35-4		0.06	mg
Plating	0.02	mg	Supplier	Tin (Sn)	7440-31-5		0.02	mg
Wire Bond - Au	0.02	mg	Supplier	Gold (Au)	7440-57-5		0.02	mg