ABBOCIATION CONNECTING ELECTRONICS INDUSTRIES® MAterial Composition © Copyright 2005. IPC, Bar international and Pan-Ameri	nockburn, Illinois. A	Il rights reserved un ntions.	nder both	This docume level parts, t	ent is a declar he declaration	ation of the n encompass	substances ses all lowe	within the m er level mater	anufacturer ials for whic	listed item. the manu	Note: if t facturer h	the item is an as has engineering	sembly with lower responsibility.	
	IPC Web Site for Information on IPC-1752 Standard Form Type http://www.ipc.org/IPC-175x Distribute				Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materia					als and Mfg Information				
Supplier Information														
ompany name* Company unique ID				Unique ID Authority					R	Response Date*				
onsemi	semi				2023-06-08									
Contact Name	act Name Title - Contact				Phone - Contact*					Email - Contact*				
roduct-Env-Stewards Product Enviro Compliance					NA					Product-Env-Stewards@onsemi.com				
Authorized Representative*	horized Representative* Title - Representative			1	Phone - Representative*				E	Email - Representative*				
Product-Env-Stewards	oduct-Env-Stewards Product Enviro Compliance			NA				I	Product-Env-Stewards@onsemi.com					
Requester Item Number Mf	r Item Number	Mfr Item Name	>		Effective Da	ate Versio	n :	Manufacturing Site		Wei	ght*	UOM	Unit Type	
NI G	V74HC273ADTR2	4HC273ADTR2 OCTAL D-TYPE F			2023-06-08)23-06-08 PH1			69.2	8	mg	Each		
Manufacturing Proccess Information						·				·				
Terminal Plating / Grid Array Material	Terminal Base	erminal Base Alloy J-STD-02		L Rating	Peak Process F		ody Temperature Max Time at Peak		e at Peak Te	Temperature Number of Reflow Cycles		eles		
Precious metal (e.g. Ag,Au, NiPdAu) (n Sn)	Precious metal (e.g. Ag,Au, NiPdAu) (no Sn) CU Alloy		l		260		C	C 30		seconds	nds 3			
Comments					•		·			-	•			
evel 1 - maximum time at peak temperature duri	ng soldering is 10-3	0 seconds												
or more information regarding material composition	ition 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 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.

	cable [E] enter the weigh			ance category (JIG or Requester) or enter [F] Optionally enter the positive (+) ar				
Homogeneous Material	Weight	Unit of Measure	Level	Substance	CAS	Exempt	Weight	Unit of Measure
Die	0.29	mg	Supplier	Silicon (Si)	7440-21-3		0.29	mg
Die Attach	2.46	mg	Supplier	Silver (Ag)	7440-22-4		1.845	mg
			Supplier	Epoxy resins	129915-35-1		0.615	mg
Lead Frame	38.58	mg	Supplier	Iron (Fe)	7439-89-6		0.733	mg
			Supplier	Copper (Cu)	7440-50-8		37.847	mg
Mold Compound-Black	24.35	mg		Epoxy Phenol Resin	proprietary data		2.5568	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		21.7932	mg
Plating	3.44	mg	Supplier	Palladium (Pd)	7440-05-3		0.2614	mg
			В	Nickel (Ni)	7440-02-0		3.1304	mg
			Supplier	Gold (Au)	7440-57-5		0.0482	mg
Wire Bond - Cu	0.16	mg	Supplier	Copper (Cu)	7440-50-8		0.16	mg