ASSOCIATION CONNECTING ELECTRONICS (NOUSTRIES®) International and Pan-American	burn, Illinois, All	rights reserved un	nder both le	This docume evel parts, th	ent is a declaration	ion of the s encompasse	ubstances es all lowe	within the r level mat	manufacture erials for wh	er listed item ich the man	. Note: if ufacturer	the item is an as the engineering	sembly with lowe responsibility.	
IPC Web Site for Information on http://www.ipc.org/IPC-175x	.1 IPC Web Site for Information on IPC-1752 Standard Form Ty http://www.ipc.org/IPC-175x Distribution				* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materi					als and Mfg Information				
Supplier Information														
Company name* Company unique ID				Unique ID Authority						Response Date*				
onsemi	mi									2023-06-08				
Contact Name	Title - Contact]	Phone - Contact*					Email - Contact*				
oduct-Env-Stewards Product Enviro Compliance				NA						Product-Env-Stewards@onsemi.com				
Authorized Representative* Title - Representative				Phone - Representative*						Email - Representative*				
Product-Env-Stewards Product Enviro Compliance				NA					Product-Env-Stewards@onsemi.com					
Requester Item Number Mfr Ite	n Number N	Mfr Item Name			Effective Date	fective Date Version Manufacturing S		ing Site	We	ight*	UOM	Unit Type		
MC74A	MC74AC652DWR2G LOG CMOS BU		INTRFCE OCTL		2023-06-08]	PH1		661	.78	mg	Each	
Manufacturing Proccess Information							·							
Terminal Plating / Grid Array Material	Terminal Base Alloy J		-STD-020 MSL	Rating	Peak Pro	rocess Body Temperature Max Time at Peak		me at Peak T	Temperature Number of Refle		er of Reflow Cyc	les		
Matte Tin (Sn) - annealed CU Alloy		3	3		260		С	30		seconds	3			
omments														
TTENTION: MSL 3 Rated item requires Bake and	Dry Pack (after e	lectrical test)												
or more information regarding material composition	please refer to n	age 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 phthalate (DBP), Dibutyl phthalate (DBP), Dibutyl 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	3.79	mg	Supplier	Silicon (Si)	7440-21-3		3.79	mg
Die Attach 24	24.58	mg	Supplier	Silver (Ag)	7440-22-4		18.435	mg
			Supplier	Epoxy resins	129915-35-1		6.145	mg
Lead Frame 385.08	385.08	mg	Supplier	Silver (Ag)	7440-22-4		2.6956	mg
			Supplier	Zinc (Zn)	7440-66-6		0.4621	mg
			Supplier	Iron (Fe)	7439-89-6		9.0494	mg
			Supplier	Copper (Cu)	7440-50-8		372.7574	mg
			Supplier	Phosphorus (P)	7723-14-0		0.1155	mg
Mold Compound-Black	242.16	mg		Epoxy Phenol Resin	proprietary data		25.4268	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		216.7332	mg
Plating	5.6	mg	Supplier	Tin (Sn)	7440-31-5		5.6	mg
Wire Bond - Au	0.57	mg	Supplier	Gold (Au)	7440-57-5		0.57	mg