ASSOCIATION CONNECTING ELECTROMICS INDUSTRIES* International and Pan-American Co	burn, Illinois, All rights reser	ved under both	This docume level parts, t	ent is a declaration the declaration end	n of the substance compasses all lov	es within the manufactur ver level materials for wl	er listed item. No	ote: if the item is an a cturer has engineering	ssembly with lower responsibility.		
IPC Web Site for Information on Interp://www.ipc.org/IPC-175x	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 Materials and Mfg Information							
Supplier Information											
mpany name* Company unique ID				Unique ID Authority			Response Date*				
onsemi								2023-06-08			
Contact Name	Title - Contact			Phone - Contact*			Email - Contact*				
Product-Env-Stewards	Product Enviro Compliance			NA			Product-Env-Stewards@onsemi.com				
thorized Representative* Title - Representative				Phone - Representative*			Email - Representative*				
Product-Env-Stewards Product Enviro Compliance				NA				Product-Env-Stewards@onsemi.com			
Requester Item Number Mfr Iten	n Number Mfr Item Na	fr Item Name		Effective Date	Version	Manufacturing Site	Weight	UOM	Unit Type		
MC74A	C74AC646DWR2G LOG CMOS TRANS		AGE	2023-06-08		PH1	661.78	mg	Each		
Manufacturing Proccess Information				·							
Terminal Plating / Grid Array Material	Terminal Base Alloy J-		L Rating	Peak Proces	s Body Temperat	ture Max Time at Peak	Temperature N	Number of Reflow Cy	cles		
Matte Tin (Sn) - annealed CU Alloy 3		3		260	С	30	seconds 3	3			
Comments											
ATTENTION: MSL 3 Rated item requires Bake and I	Dry Pack (after electrical te	st)									
For 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	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	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	3.79	mg	Supplier	Silicon (Si)	7440-21-3		3.79	mg
Die Attach 24.58	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 2	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