ASSOCIATION CONNECTING ASSOCIATION CONNECTING ELECTRONICS INDUSTRIES international and Pan-American co	ourn, Illinois, All rights reserved u	under both This d	locument is a departs, the declar	eclaratior ation enc	n of the substance compasses all low	es within the manufactur wer level materials for w	er listed ite hich the ma	m. Note: if th nufacturer ha	e item is an ass s engineering r	embly with lower esponsibility.	
IPC Web Site for Information on I   http://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											
Company name*	vany name* Company unique ID			Unique ID Authority				Response Date*			
onsemi								2023-06-08			
Contact Name	Title - Contact		Phone - 0	Phone - Contact*			Email - Contact*				
Product-Env-Stewards	Product Enviro Compliance		NA	NA			Product-Env-Stewards@onsemi.com				
Authorized Representative*	Representative* Title - Representative			Phone - Representative*				Email - Representative*			
Product-Env-Stewards	Product Enviro Compliance	NA			Produ			duct-Env-Stewards@onsemi.com			
Requester Item Number Mfr Item	Number Mfr Item Name	Mfr Item Name		e Date	Version	Manufacturing Site		eight*	UOM	Unit Type	
MC1405	0BDR2G LOG CMOS BU	FR HEX NINV	2023-06	2023-06-08 PH		PH1	1		mg	Each	
Manufacturing Proccess Information										-	
Terminal Plating / Grid Array Material	erminal Base Alloy	J-STD-020 MSL Ratin	ig Pea	Peak Process Body Temperate		ure Max Time at Peak Tempera		e Number	of Reflow Cycl	es	
Matte Tin (Sn) - annealed CU Alloy 1			260	1	С	30	second	3			
Comments											
evel 1 - maximum time at peak temperature during so	dering is 10-30 seconds										
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		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	ances per the definitio	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 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	2.73	mg	Supplier	Silicon (Si)	7440-21-3		2.73	mg
Die Attach	4.85	mg		Epoxy resin	proprietary data		0.1212	mg
			Supplier	Silver (Ag)	7440-22-4		4.0982	mg
			Supplier	Phenolic Resin	Proprietary Data		0.1212	mg
			Supplier	Inorganic filler	Proprietary Data		0.1212	mg
			Supplier	Dicyandiamine	461-58-5		0.0242	mg
			Supplier	Formaldehyde Polymer	9003-36-5		0.3637	mg
Lead Frame	75.92	mg	Supplier	Silver (Ag)	7440-22-4		0.7592	mg
			Supplier	Zinc (Zn)	7440-66-6		0.1518	mg
			Supplier	Iron (Fe)	7439-89-6		1.9739	mg
			Supplier	Copper (Cu)	7440-50-8		73.035	mg
Mold Compound-Black	55.11	mg		Epoxy resin	proprietary data		2.7555	mg
			Supplier	Phenolic Resin	Proprietary Data		2.7555	mg
			Supplier	Ortho Cresol Novolac Resin	29690-82-2		1.1022	mg
			Supplier	Carbon Black (C)	1333-86-4		0.2756	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		48.2213	mg
lating	3.73	mg	Supplier	Tin (Sn)	7440-31-5		3.73	mg
Wire Bond - Cu	0.34	mg	Supplier	Copper (Cu)	7440-50-8		0.34	mg