ABSOCIATION CONNECTING LECTRODUCES INDUSTRIES® INDUSTRIES® INTERNATIONAL AND ADDRESS	annockburn, Illin	ois. All rights reserved	under both	This docume level parts, t	ent is a declar he declaratior	ation of the s	ubstances es all lowe	within the manuf r level materials	acturer listed for which the	l item. No manufac	ote: if the cturer has	item is an ass engineering r	sembly with lower esponsibility.
	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 Inform						rmation		
Supplier Information													
Company name* Company unique ID			Unique ID Authority					Respo	Response Date*				
onsemi									2024-0	2024-05-09			
tontact Name Title - Contact]	Phone - Contact*				Email	Email - Contact*			
Product-Env-Stewards Product Enviro Compliance					NA				Produ	Product-Env-Stewards@onsemi.com			
Authorized Representative* Title - Representative				Phone - Representative*				Email	Email - Representative*				
Product-Env-Stewards	Product	Product Enviro Compliance			NA				Produ	Product-Env-Stewards@onsemi.com			
Requester Item Number	Mfr Item Number	Mfr Item Name	Mfr Item Name		Effective Da	te Version	1	Manufacturing Site		Weight	t*	UOM	Unit Type
	M74LCX16244D G	74LCX16244DTR2 LOG CMOS BUF		C 3ST 2024-05			I	РНМ		192.45		mg	Each
Manufacturing Proccess Information													
Terminal Plating / Grid Array Materia	Terminal I	Terminal Base Alloy		20 MSL Rating		Peak Process Body Temperature Max Tin		re Max Time at	at Peak Temperature		Number of Reflow Cycles		
Precious metal (e.g. Ag,Au, NiPdAu Sn)	Precious metal (e.g. Ag,Au, NiPdAu) (no CU Alloy Sn)		1		260		C	30		onds 3			
Comments								•		<u> </u>			
evel 1 - maximum time at peak temperature d	uring soldering is	10-30 seconds											
for more information regarding material com	position please re	fer 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.	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											
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.

sigma range of distribution unless otherwise noted).									
Homogeneous Material	Weight	Unit of Measure	Level	Substance	CAS	Exempt	Weight	Unit of Measure	
Die	2.3	mg	Supplier	Silicon (Si)	7440-21-3		2.3	mg	
Die Attach	3.83	mg	Supplier	Silver (Ag)	7440-22-4		2.8725	mg	
			Supplier	Epoxy resins	129915-35-1		0.9575	mg	
Lead Frame	60.05	mg	Supplier	Iron (Fe)	7439-89-6		1.1409	mg	
			Supplier	Copper (Cu)	7440-50-8		58.909	mg	
Mold Compound-Black	117.21	mg		Epoxy resin	proprietary data		5.8605	mg	
			Supplier	Phenolic Resin	Proprietary Data		5.8605	mg	
			Supplier	Ortho Cresol Novolac Resin	29690-82-2		2.3442	mg	
			Supplier	Carbon Black (C)	1333-86-4		0.586	mg	
			Supplier	Fused Silica (SiO2)	60676-86-0		102.5587	mg	
Plating	7.91	mg	Supplier	Palladium (Pd)	7440-05-3		0.6012	mg	
			В	Nickel (Ni)	7440-02-0		7.1981	mg	
			Supplier	Gold (Au)	7440-57-5		0.1107	mg	
Wire Bond - Au	1.15	mg	Supplier	Gold (Au)	7440-57-5		1.15	mg	

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 signar range of distribution unless otherwise noted)