© Cop	erial Composition byright 2005. IPC, Ba ational and Pan-Ame	annockbu	rn, Illinois. A	Il rights reserved untions.	under both	This docum level parts,	ent is a decla the declaratio	ration of on encon	f the substances npasses all low	s within the manufact er level materials for	urer listed which the	item. Note: manufacture	if the item is an as er has engineering	ssembly with lower responsibility.	
					Form Type Distribute	e *	Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Material					ls and Mfg Information			
Supplier Information															
Company name*			Company unique ID			Unique ID Authority					Response Date*				
onsemi											2023-0	2023-06-08			
Contact 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 Enviro Compliance			NA				Produ	Product-Env-Stewards@onsemi.com				
Requester Item Nu	Requester Item Number Mfr Item		Number Mfr Item Name				Effective D	ate V	ersion	Manufacturing Site		Weight*	UOM	Unit Type	
	Ν	MC74LCX02DG		LOG CMOS GATE NOR QUAD		D	2023-06-08			PH1		122.05	mg	Each	
Manufacturing Procces	ss Information														
Terminal Plating / Grid Array Material Terminal			rminal Base A	e Alloy J-STD-020 MSL Rating			Peak Process Body Temperature Max Time at Peak			k Tempera	Temperature Number of Reflow Cycles				
Matte Tin (Sn) - annealed CU Alloy			U Alloy		1		260		С	30	seco	nds 3			
Comments															
level 1 - maximum time at pe	eak temperature du	ring sold	lering is 10-3	0 seconds											
For more information regard	ling material comp	osition p	lease refer to	page 3											

RoHS Material Composition Declaration				Declaration Type *	Detailed							
Directive 2015/863/EU amending RoHS Directive 2011/65/EU	1/65/EU (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), Disobutyl 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.

sigma range of distribution unless otherwise noted).										
Homogeneous Material	Weight	Unit of Measure	Level	Substance	CAS	Exempt	Weight	Unit of Measure		
Die	0.98	mg	Supplier	Silicon (Si)	7440-21-3		0.98	mg		
Die Attach	4.44	mg	Supplier	Silver (Ag)	7440-22-4		3.33	mg		
			Supplier	Epoxy resins	129915-35-1		1.11	mg		
Lead Frame	69.62	mg	Supplier	Silver (Ag)	7440-22-4		0.7658	mg		
			Supplier	Zinc (Zn)	7440-66-6		0.1392	mg		
			Supplier	Iron (Fe)	7439-89-6		1.8101	mg		
			Supplier	Copper (Cu)	7440-50-8		66.9048	mg		
Mold Compound-Black	43.43	mg		Epoxy Phenol Resin	proprietary data		4.5601	mg		
			Supplier	Fused Silica (SiO2)	60676-86-0		38.8699	mg		
Plating	3.27	mg	Supplier	Tin (Sn)	7440-31-5		3.27	mg		
Wire Bond - Au	0.31	mg	Supplier	Gold (Au)	7440-57-5		0.31	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 (-) tolerance in percent (Note: percent tolerance values are expected to cover a 3 signa range of distribution unless otherwise noted)