ABSOCIATION CONNECTING ELECTRONICS INDUSTRIES® MAterial Comp © Copyright 2005. I international and Par	PC, Bannock	burn, Illinois. A	ll rights reserved u ntions.	under both	This docume level parts, t	ent is a decla the declaratio	ration on enco	of the substat mpasses all l	nces wit lower le	hin the manufac vel materials for	turer listed i which the n	tem. N nanufa	lote: if th cturer ha	e item is an as s engineering	sembly with low responsibility.	
	IPC Web Site for Information on IPC-1752 Standard Form Ty http://www.ipc.org/IPC-175x Distribut				* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Mate					erials and M	rials and Mfg Information					
Supplier Information																
Company name* Company unique			Jue ID Unique			Jnique ID Authority					Respon	Response Date*				
onsemi											2023-06	2023-06-08				
Contact Name Title - Contact				Phone			Phone - Contact*					Email - Contact*				
Product-Env-Stewards Product Envi			nviro Compliance			NA					Produc	Product-Env-Stewards@onsemi.com				
Authorized Representative* Title - Repres			sentative I			Phone - Representative*				Email -	Email - Representative*					
Product-Env-Stewards	Product Enviro Compliance				NA				Produc	Product-Env-Stewards@onsemi.com						
Requester Item Number	Mfr Item Number N		Mfr Item Name			Effective D	ate V	rsion	Mar	Manufacturing Site		Weigh	t*	UOM	Unit Type	
	MC74L	MC74LCX16244DTG LOG CMO		MOS BUFR 16BIT 3ST		2023-06-08			PH1	PH1		192.45	i	mg	Each	
Ianufacturing Proccess Informa	tion													1	I	
Terminal Plating / Grid Array M	aterial	Terminal Base A	Alloy	J-STD-020 MS	L Rating	Peak Process Body Te		Body Tempe	perature Max Time at Peak		ak Tempera	Temperature Number of Reflow Cycles		eles		
Precious metal (e.g. Ag,Au, NiPdAu) (no Sn)		CU Alloy 1		1		260		С		30		ids :	3			
omments																
vel 1 - maximum time at peak temperati	are during so	oldering is 10-3	0 seconds													
or 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 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 fields on all pages of this form. Select the "Accepted" on the Supplier Acceptance drop-down. This will display the signature area. Digitally sign the declaration (if required by the Requester) and click on Submit Form to have the form returned to the Requester.									
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)