ABSOCIATION CONNECTING ELECTRONICS INDUSTRIES® International and Pa	IPC, Bannock	burn, Illinois. A	.ll rights reserved u ntions.	nder both	This docume level parts, t	ent is a declar he declaratio	ration of n encon	f the substance npasses all low	es within ver level	the manufact materials for	turer listed i which the n	tem. N nanufa	Note: if th acturer ha	e item is an as s engineering	sembly with low responsibility.	
	IPC Web Site for Information on IPC-1752 Standard Form Typ http://www.ipc.org/IPC-175x Distribute				e *	* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Mater					erials and M	ials and Mfg Information				
Supplier Information																
Company name* Compan			npany unique ID U			Unique ID Authority					Respons	Response Date*				
onsemi											2024-05	2024-05-21				
Contact Name	nct P			Phone - Contact*					Email -	Email - Contact*						
Product-Env-Stewards	Product Envi	Product Enviro Compliance			NA					Produc	Product-Env-Stewards@onsemi.com					
Authorized Representative* Tit			Title - Representative			Phone - Representative*				Email -	Email - Representative*					
Product-Env-Stewards	Product Enviro Compliance				NA				Produc	Product-Env-Stewards@onsemi.com						
Requester Item Number	Mfr Iter	n Number	Mfr Item Name			Effective Da	ate V	ersion	Manufacturing Site			Weigh	nt*	UOM	Unit Type	
	MC74L	AC74LCX74DTR2G LOG CMOS		D FLIP FLOP DUAL		2024-05-21			PH1			45.24		mg	Each	
Aanufacturing Proccess Informa	ation		1			1	1				I			1	1	
Terminal Plating / Grid Array M	Iaterial '	Ferminal Base A	Alloy J	J-STD-020 MSL Rating		Peak Process Bo		Body Tempera	ody Temperature Max Time at Peak		ak Temperat	Temperature Number of		of Reflow Cyc	les	
Precious metal (e.g. Ag,Au, NiPdAu) (no Sn)		CU Alloy 1		l		260		C	30	30		ds	3			
omments																
vel 1 - maximum time at peak temperat	ture during so	dering is 10-3	0 seconds													
or more information regarding materia	l composition	please refer to	page 3													

RoHS Material Composition Declaration				Declaration Type *	Detailed								
Directive 2015/863/EU amending RoHS Directive 2011/65/EU	e 2011/65/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), Dibutyl 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 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 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	2.0	mg	Supplier	Silicon (Si)	7440-21-3		2	mg	
Die Attach	1.44	mg		Epoxy resin	proprietary data		0.144	mg	
			Supplier	Silver (Ag)	7440-22-4		1.152	mg	
			Supplier	Formaldehyde Polymer	9003-36-5		0.144	mg	
Lead Frame	22.54	mg	Supplier	Iron (Fe)	7439-89-6		0.4283	mg	
			Supplier	Copper (Cu)	7440-50-8		22.1117	mg	
Mold Compound-Black	19.0	mg		Epoxy resin	proprietary data		0.95	mg	
			Supplier	Phenolic Resin	Proprietary Data		0.38	mg	
			Supplier	Ortho Cresol Novolac Resin	29690-82-2		0.475	mg	
			Supplier	Carbon Black (C)	1333-86-4		0.095	mg	
			Supplier	Fused Silica (SiO2)	60676-86-0		17.1	mg	
Plating	0.04	mg	Supplier	Palladium (Pd)	7440-05-3		0.003	mg	
			В	Nickel (Ni)	7440-02-0		0.0364	mg	
			Supplier	Gold (Au)	7440-57-5		0.0006	mg	
Wire Bond - Au	0.22	mg	Supplier	Gold (Au)	7440-57-5		0.22	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 sigma range of distribution unless otherwise noted).