ABBOCIATION CONNECTING ELECTRADICS INDUSTRIESS INCONTRETS	kburn, Illinois. All rights rese	rved under both	This document level parts, the	nt is a declarat	ion of the su encompasses	bstances all lower	within the manufactur level materials for wh	er listed ite	m. Note: if t inufacturer h	he item is an as as engineering	sembly with lower responsibility.	
IPC Web Site for Information or 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 Mater				ials and Mfg Information				
Supplier Information												
Company name*	any name* Company unique ID			Unique ID Authority				Response Date*				
onsemi					2024-05-09							
Contact Name	Title - Contact			Phone - Contact*				Email - Contact*				
Product-Env-Stewards	duct-Env-Stewards Product Enviro Compliance			NA				Product-Env-Stewards@onsemi.com				
Authorized Representative*	ed Representative* Title - Representative			Phone - Representative*				Email - Representative*				
Product-Env-Stewards	ce	NA				Product-Env-Stewards@onsemi.com						
Requester Item Number Mfr Ite	m Number Mfr Item N	ame		Effective Date	Version	Ν	Manufacturing Site		eight*	UOM	Unit Type	
M74L0 G	CX16374DTR2 LOG CMO	S D FLIP FLOP 16B	I	2024-05-09		PH1		19	92.45	mg	Each	
Manufacturing Proccess Information			·······································			Ĺ				·		
Terminal Plating / Grid Array Material	Terminal Base Alloy	J-STD-020 MS	L Rating	Peak Proc	k Process Body Temperature Max Time at Peal		Temperature Number of Reflow Cycles		les			
Precious metal (e.g. Ag,Au, NiPdAu) (no Sn)	Ag,Au, NiPdAu) (no CU Alloy			260		С	30	second	s 3	3		
Comments		· · · · · · · · · · · · · · · · · · ·				·	· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·			
evel 1 - maximum time at peak temperature during s	oldering is 10-30 seconds											
For more information regarding material compositio	n 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 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 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	2.3	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)