ABBOCIATION CONNECTING ELECTRONICS INDUSTRIES® INTERNAL OF ADMINISTRATION CONNECTING International and Pan-American	kburn, Illinois. A	Il rights reserved untions.	under both	This docume level parts, t	ent is a declar the declaration	ation of the s	substances es all lowe	within the manu r level materials	facturer listed for which the	l item. N manufa	Note: if th acturer ha	e item is an as s engineering	sembly with lower responsibility.	
IPC Web Site for Information of 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 Materials and Mfg Inform						ormation			
Supplier Information														
mpany name* Company unique ID				Unique ID Authority					Respo	Response Date*				
nsemi					2023-06-08									
Contact Name	ntact Name Title - Contact				Phone - Contact*				Email	Email - Contact*				
Product-Env-Stewards Product Enviro Compliance					NA				Produ	Product-Env-Stewards@onsemi.com				
uthorized Representative* Title - Representative]	Phone - Representative*				Email	Email - Representative*				
Product-Env-Stewards Product Enviro Compliance			NA						Produ	Product-Env-Stewards@onsemi.com				
Requester Item Number Mfr It	Mfr Item Number Mfr It		Mfr Item Name		Effective Da	ate Versior	1]	Manufacturing Site		Weigh	nt*	UOM	Unit Type	
M74L G	LCX16245DTR2 LOG CMOS TRN		NSCIEVR 16B	IT	2023-06-08]	PH1		192.4	5	mg	Each	
Manufacturing Proccess Information					•									
Terminal Plating / Grid Array Material	Terminal Base	Гегтіпаl Base Alloy J		L Rating	Peak Pr	ak Process Body Temperature Max Time at Pe		Peak Temper	CTemperature Numb		of Reflow Cyc	les		
Precious metal (e.g. Ag,Au, NiPdAu) (no Sn)	Precious metal (e.g. Ag,Au, NiPdAu) (no Sn) CU Alloy		1	2		260 C		30 see		econds 3				
Comments														
evel 1 - maximum time at peak temperature during	soldering is 10-3	0 seconds												
For more information regarding material composition	n please refer 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), 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 that agreement, will be the sole and exclusives	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 co for issues that arise regarding inform	ess of the applicable quantity limit identified above may apply. If the part is an assembly with low is accuracy and that such information is true and ce of its products with European Union membe we independently verified such information. How heir contributions to the part, and those certificat anditions of that agreement, including any warra	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.	(Pb), Mercury (Hg), Hexavalent Chromium (Cr6+), Polybrominated Biphenyls (PBB), Polybrominated Diphenyl Éthers (PBDE), and Bis(2-ethylhexyl) phthalate (DEHP), Benzyl-butyl phthalate (BBP), Dibutyl phthalate (DBP), Diisobutyl phthalate (DIBP). homogeneous material (as defined by the RoHS Directive, EU 2011/65/EU and implemented by the laws of the European Union member states) of the part identified on this form contains lead, mercury, ium, polybrominated biphenyls and/or polybrominated diphenyl ethers (each a "RoHS restricted substance") in excess of the applicable quantity limit identified above. If a homogeneous material within the part substance inexcess of an applicable quantity limit, please indicate below which, if any, RoHS exemption you believe may apply. If the part is an assembly with lower level components, the declaration shall ents. Supplier certifies that it gathered the information it provides in this form using appropriate methods to ensure its accuracy and that such information is true and correct to the best of its knowledge and belief, completes this form. Supplier acknowledges that Company will rely on this certification in determining the compliance of its products with European Union member state laws that implement the RoHS Directive. It Supplier may have relied on informationprovided by others in completing this form, and that Supplier may not have independently verified such information. However, in situations where Supplier has not mation provided by others, Supplier agrees that, at a minimum, itsuppliers have provided certifications regarding their contributions to the part, and those certifications are at least as comprehensive as the oh. If the Company and the Supplier enter into a written agreement with respect to the identified part, the terms and conditions of that agreement, including any warranty rights and/or remedies provided as part of sole and exclusivesource of the Supplier's liability and the Company's remedies for issues that arise regarding information the Supplier provi											
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	h. 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)