ASSOCIATION CONNECTING LECTROMICS INDUSTRIES International and Pan-	C. Bannockł	ourn, Illinois, A	ll rights reserved utions.	under both	This docume level parts, t	ent is a declarat	ion of the su	ibstances v s all lower	within the manufact level materials for	urer listed which the	item. Note: manufactur	: if the item is an as er has engineering	sembly with low responsibility.	
IPC Web Site for Information on IPC-1752 Standard Form				Form Type Distribute	Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materials and					rials and N	Afg Inform	ation		
Supplier Information														
Company name* Con			Company unique ID			Unique ID Authority				Respo	Response Date*			
onsemi											2023-06-08			
ntact Name Title - Contact			t	Phone - C			Contact*			Email	Email - Contact*			
Product-Env-Stewards Product Env			viro Compliance			NA				Produ	Product-Env-Stewards@onsemi.com			
Authorized Representative* Title - Re			Representative			Phone - Representative*				Email	Email - Representative*			
Product-Env-Stewards Pr			Product Enviro Compliance			NA				Produ	Product-Env-Stewards@onsemi.com			
Requester Item Number	Requester Item Number Mfr Iten		m Number Mfr Item Name			Effective Date	Date Version Manufacturing Site			Weight*	UOM	Unit Type		
	MC100L	C100LVEL16DR2G BBG ECL RCVR D		R DIFRENTIAL		2023-06-08 PH		PH1		72.0	mg	Each		
Anufacturing Proccess Information	ion													
Terminal Plating / Grid Array Mat	rial Terminal Base Alloy			J-STD-020 MS	L Rating	Peak Process Body Temperature Max T			e Max Time at Pea	k Tempera	ature Nun	nber of Reflow Cyc	eles	
Matte Tin (Sn) - annealed CU Alloy		CU Alloy		1		260		С	30	seco	nds 3			
omments														
vel 1 - maximum time at peak temperatur	e during so	ldering is 10-3	0 seconds											
or more information regarding material c	omposition	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	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	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	1.33	mg	Supplier	Silicon (Si)	7440-21-3		1.33	mg	
Die Attach	2.4	mg	Supplier	Silver (Ag)	7440-22-4		1.8	mg	
			Supplier	Epoxy resins	129915-35-1		0.6	mg	
Lead Frame	37.61	mg	Supplier	Silver (Ag)	7440-22-4		0.7898	mg	
			Supplier	Zinc (Zn)	7440-66-6		0.0451	mg	
			Supplier	Iron (Fe)	7439-89-6		0.8838	mg	
			Supplier	Copper (Cu)	7440-50-8		35.8799	mg	
			Supplier	Phosphorus (P)	7723-14-0		0.0113	mg	
Mold Compound-Black	28.58	mg		Epoxy resin	proprietary data		1.429	mg	
			Supplier	Phenolic Resin	Proprietary Data		1.429	mg	
			Supplier	Ortho Cresol Novolac Resin	29690-82-2		0.5716	mg	
			Supplier	Carbon Black (C)	1333-86-4		0.1429	mg	
			Supplier	Fused Silica (SiO2)	60676-86-0		25.0075	mg	
Plating	1.89	mg	Supplier	Tin (Sn)	7440-31-5		1.89	mg	
Wire Bond - Au	0.19	mg	Supplier	Gold (Au)	7440-57-5		0.19	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).