© Copyright 2005. IF	Material Composition Declaration © Copyright 2005. IPC, Bannockburn, Illinois. All rights reserved under both international and Pan-American copyright conventions.				This document is a declaration of the substances within the manufacturer listed item. Note: if the item is an assembly with lower level parts, the declaration encompasses all lower level materials for which the manufacturer has engineering responsibility.									
	.1 IPC Web Site for Information on IPC-1752 Standard Form Distribution				* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materi					ous Material	als and Mfg Information			
Supplier Information														
Company name* Com			Company unique ID			Unique ID Authority					Response Date*			
onsemi									2024-04-25					
Title - Contact			et	Р			Phone - Contact*				Email - Contact*			
Product-Env-Stewards Product Env			nviro Compliance			NA				Product-Env-Stewards@onsemi.com				
Authorized Representative* Title - Representative			esentative			Phone - Representative*				Email - Representative*				
Product-Env-Stewards Produ			roduct Enviro Compliance			NA				Product-Env-Stewards@onsemi.com				
Requester Item Number	Mfr Item	Number	Mfr Item Name			Effective Date	e Version		Manufacturing Site		Wei	ght*	UOM	Unit Type
	MC74H	74HC165ADR2G LOG CMOS REG		GISTER 8BIT		2024-04-25			PH4		142	68	mg	Each
Manufacturing Proccess Informat	ion		·			·								·
Terminal Plating / Grid Array Ma	Ferminal Plating / Grid Array Material Terminal Base A		Alloy	J-STD-020 MSL Rating		Peak Process Body Temperatu		re Max Time at Peak Tempera		Femperature	Numb	er of Reflow Cyc	les	
Matte Tin (Sn) - annealed CU Alloy		CU Alloy		1		260		С	30		seconds	3		
Comments														
evel 1 - maximum time at peak temperatu	e during so	Idering is 10-3	0 seconds											
for more information regarding material of	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	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.

Homogonoong Motorial	Weight	Unit of Measure	Laval	Substance	CAS	Example	Weight	Unit of Measure
Homogeneous Material	Weight	Unit of Measure	Level	Substance		Exempt	Weight	Unit of Measure
Die	2.73	mg	Supplier	Silicon (Si)	7440-21-3		2.73	mg
Die Attach	4.85	mg		Epoxy resin	proprietary data		0.485	mg
			Supplier	Silver (Ag)	7440-22-4		3.88	mg
			Supplier	Formaldehyde Polymer	9003-36-5		0.485	mg
Lead Frame	75.92	mg	Supplier	Silver (Ag)	7440-22-4		0.7592	mg
			Supplier	Zinc (Zn)	7440-66-6		0.1518	mg
			Supplier	Iron (Fe)	7439-89-6		1.9739	mg
			Supplier	Copper (Cu)	7440-50-8		73.035	mg
Mold Compound-Black	55.11	mg		Epoxy resin	proprietary data		2.7555	mg
			Supplier	Phenolic Resin	Proprietary Data		1.1022	mg
			Supplier	Ortho Cresol Novolac Resin	29690-82-2		1.3778	mg
			Supplier	Carbon Black (C)	1333-86-4		0.2756	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		49.599	mg
Plating	3.73	mg	Supplier	Tin (Sn)	7440-31-5		3.73	mg
Wire Bond - Cu	0.34	mg	Supplier	Copper (Cu)	7440-50-8		0.34	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 signa range of distribution unless otherwise noted).