ASSOCIATION CONNECTING ELECTRONICS INDUSTRIES® MAterial Composition © Copyright 2005. IPC international and Pan-A	C, Bannockł	ourn, Illinois. A	ll rights reserved untions.	inder both	This docume level parts, t	ent is a decla he declaratio	ration of the	e substances sses all lowe	within the er level mate	manufacture erials for wh	er listed ite iich the ma	em. Note: anufactur	: if the item is an as er has engineering	sembly with lower responsibility.	
	IPC Web Site for Information on IPC-1752 Standard Form Type http://www.ipc.org/IPC-175x Distribute				e *	Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Mater					als and Mfg Information				
Supplier Information															
Company name*	Company uni	Company unique ID			Unique ID Authority					Response Date*					
onsemi								2023				23-06-08			
Contact Name Title -			Title - Contact			Phone - Contact*					Email - Contact*				
Product-Env-Stewards	Product Enviro Compliance				NA					Product-Env-Stewards@onsemi.com					
Authorized Representative*	Title - Representative			Phone - Representative*				Email - Representative*							
Product-Env-Stewards	Product Enviro Compliance				NA				Product-Env-Stewards@onsemi.com						
Requester Item Number	Mfr Item	n Number	Mfr Item Name			Effective Date Version Manufacturing Site		ing Site	V	/eight*	UOM	Unit Type			
	MC74H	IC74HC20ADTR2G DUAL 4-IN		INPUT NAND GATE		2023-06-08			PH1		4	5.24	mg	Each	
Manufacturing Proccess Information	on										L			I	
Terminal Plating / Grid Array Mate	rial 7	Terminal Base A	Alloy	J-STD-020 MS	L Rating	Peak Process Body Ter		y Temperatu	berature Max Time at Peak T		emperature Number of Reflow Cycles		les		
Precious metal (e.g. Ag,Au, NiPdAu) (no Sn)		CU Alloy 1		1		260		С	30 se		second	seconds 3			
Comments															
evel 1 - maximum time at peak temperature	e during so	ldering is 10-3	0 seconds												
or more information regarding material co	omposition	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 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.

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	Supplier	Silver (Ag)	7440-22-4		1.08	mg		
			Supplier	Epoxy resins	129915-35-1		0.36	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		0.95	mg		
			Supplier	Ortho Cresol Novolac Resin	29690-82-2		0.38	mg		
			Supplier	Carbon Black (C)	1333-86-4		0.095	mg		
			Supplier	Fused Silica (SiO2)	60676-86-0		16.625	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 - Cu	0.22	mg	Supplier	Copper (Cu)	7440-50-8		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 signa range of distribution unless otherwise noted).