© Copyrig	I Composition D tht 2005. IPC, Bannoc al and Pan-American	kburn, Illinois. A	All rights reserved untions.	under both	This docume level parts, th	ent is a declar he declaration	ration of t n encomp	he substances basses all lowe	within the er level mat	manufactur erials for wl	er listed ite hich the ma	em. Not anufactu	e: if the item arer has engin	is an assem neering resp	bly with lowe onsibility.	
	IPC Web Site for Information on IPC-1752 Standard Form Typ http://www.ipc.org/IPC-175x Distribut				* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Mate					eous Materia	rials and Mfg Information					
Supplier Information																
Company name*	Company un	Company unique ID			Unique ID Authority					Response Date*						
onsemi												2023-06-08				
Contact Name	Title - Conta	Title - Contact			Phone - Contact*					Email - Contact*						
Product-Env-Stewards	Product Env	Product Enviro Compliance			NA					Product-Env-Stewards@onsemi.com						
Authorized Representative*	Title - Repre	Title - Representative			Phone - Representative*				Email - Representative*							
Product-Env-Stewards	Product Env	Product Enviro Compliance			NA				Product-Env-Stewards@onsemi.com							
Requester Item Numb	Requester Item Number Mfr Item Num 74LCX02MX					Effective Da	ate Ver	sion	Manufacturing Site		V	Veight*	UOM	1	Unit Type	
						2023-06-08 TH2			155.905		mg		Each			
Manufacturing Proccess I	nformation					1	1						1		1	
Terminal Plating / Grid	Terminal Plating / Grid Array Material		nal Base Alloy J-STD		L Rating	Peak Pr	Process Body Temperature M		re Max Ti	e Max Time at Peak Tempera		ire Nu	mber of Refle	ow Cycles		
Precious metal (e.g. Ag,Au, NiPdAu) (no Sn)		CU Alloy	J Alloy 1			260		C	30		seconds 3					
Comments																
evel 1 - maximum time at peak t	temperature during	oldering is 10-3	30 seconds													
or more information regarding	material compositio	n please refer to	o 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), Diisobutyl 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 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	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.

Homogeneous Material	Weight	Unit of Measure	Level	Substance	CAS	Exempt	Weight	Unit of Measure
Die	3.63	mg	Supplier	Silicon (Si)	7440-21-3		3.63	mg
Die Attach	0.367	mg	Supplier	Silver (Ag)	7440-22-4		0.2881	mg
			Supplier	Phenolic Resin-2	54208-63-8		0.0789	mg
Lead Frame	68.71	mg	Supplier	Silver (Ag)	7440-22-4		0.015	mg
			Supplier	Zinc (Zn)	7440-66-6		0.086	mg
			Supplier	Iron (Fe)	7439-89-6		1.614	mg
			Supplier	Copper (Cu)	7440-50-8		66.939	mg
			Supplier	Phosphorus (P)	7723-14-0		0.056	mg
Mold Compound-Black	81.974	mg	Supplier	Ortho Cresol Novolac Resin	29690-82-2		16.395	mg
			Supplier	Carbon Black (C)	1333-86-4		0.82	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		64.759	mg
Plating	0.944	mg	Supplier	Palladium (Pd)	7440-05-3		0.034	mg
			В	Nickel (Ni)	7440-02-0		0.891	mg
			Supplier	Gold (Au)	7440-57-5		0.019	mg
Wire Bond - Au	0.28	mg	Supplier	Gold (Au)	7440-57-5		0.28	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).