ABSOCIATION CONNECTING ELECTRONICS INDUSTRIES® International and Pa	IPC, Bannock	burn, Illinois. A	Il rights reserved untions.	under both	This docume level parts, t	ent is a declar the declaration	ration of n encom	the substance the substance passes all low	s within th er level m	ne manufactu aterials for w	rer listed it which the m	em. Not anufactı	e: if the item urer has engin	is an assem eering resp	bly with low onsibility.
	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					ials and Mfg Information				
Supplier Information															
Company name* Comp			Company unique ID I			Unique ID Authority					Response Date*				
onsemi											2023-06-08				
Contact Name Title - Contact					Phone - Contact*					Email - Contact*					
Product-Env-Stewards	Product Envi	Product Enviro Compliance			NA					Product-Env-Stewards@onsemi.com					
Authorized Representative* Title - Represent			sentative			Phone - Representative*				Email - Representative*					
Product-Env-Stewards	Product Enviro Compliance				NA				Product-Env-Stewards@onsemi.com						
Requester Item Number	Mfr Iter	n Number	Number Mfr Item Name			Effective Da	Date Version		Manufacturing Site		V	Veight*	UOM	1	Unit Type
	74LCX	CX112MTCX 3V DUAL JK FI		7	202				PH4		5	6.427	mg		Each
Aanufacturing Proccess Informa	ntion						•						1		
Terminal Plating / Grid Array M	laterial '	Ferminal Base	Alloy	J-STD-020 MS	L Rating	Peak Pr	Peak Process Body Temperatur		are Max Time at Peak Tempe		C Temperati	erature Number of Reflow Cycles			
Precious metal (e.g. Ag,Au, NiPdAu) (no Sn)		CU Alloy 1		1		260		C	30		second	seconds 3			
omments															
vel 1 - maximum time at peak temperat	ure during so	dering is 10-3	0 seconds												
or more information regarding materia	l composition	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	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	0.74	mg	Supplier	Silicon (Si)	7440-21-3		0.74	mg
Die Attach	0.084	mg	Supplier	Ethylene glycol dicyclopentenyl ether methacrylate	68586-19-6		0.0029	mg
			Supplier	Bis(a,a-dimethylbenzyl) Peroxide	80-43-3		0.0005	mg
			Supplier	Silver (Ag)	7440-22-4		0.0805	mg
Lead Frame	23.228	mg	Supplier	Zinc (Zn)	7440-66-6		0.0279	mg
			Supplier	Iron (Fe)	7439-89-6		0.5459	mg
			Supplier	Copper (Cu)	7440-50-8		22.6473	mg
			Supplier	Phosphorus (P)	7723-14-0		0.007	mg
Mold Compound-Black	31.8	mg		Epoxy resin	proprietary data		3.021	mg
			Supplier	Phenol Resin	Proprietary Data		1.59	mg
			Supplier	Carbon Black (C)	1333-86-4		0.159	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		27.03	mg
Plating	0.178	mg	Supplier	Palladium (Pd)	7440-05-3		0.005	mg
			В	Nickel (Ni)	7440-02-0		0.17	mg
			Supplier	Gold (Au)	7440-57-5		0.003	mg
Wire Bond - Au	0.397	mg	Supplier	Gold (Au)	7440-57-5		0.397	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).