ABSOCIATION CONNECTING ELECTRONICS INDUSTRIES®	C, Bannockl	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 the substance	s within the er level ma	e manufactur terials for w	rer listed ite which the m	em. Note: anufacture	if the item is an as er has engineering	sembly with low 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				
upplier Information															
Company name* Company unique ID			ique ID	Unique			Jnique ID Authority					Response Date*			
onsemi											2023-06-08				
Contact Name 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 Iten	n Number	Mfr Item Name			Effective Da	ate Ve	rsion	Manufacturing Site		V	Veight*	UOM	Unit Type	
	74LCXF	4LCXR2245MTC LV 8-Bit Bi-Dir		ct Xcvr 2		2023-06-08			PH4		7	3.596	mg	Each	
Anufacturing Proccess Informat	ion												1	I	
Terminal Plating / Grid Array Ma	erial	Ferminal Base A	Alloy	J-STD-020 MS	L Rating	Peak Process Body Tempe		ody Temperat	ture Max Time at Peak Ter		Temperatu	ire Num	nber of Reflow Cyc	les	
Precious metal (e.g. Ag,Au, NiPdAu) (no Sn)		CU Alloy 1		1		260		С	<b>30</b> se		second	ls 3			
omments															
vel 1 - maximum time at peak temperatu	e during so	ldering is 10-3	0 seconds												
or more information regarding material o	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), 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 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.

sigma range of distribution unless otherwise noted).									
Homogeneous Material	Weight	Unit of Measure	Level	Substance	CAS	Exempt	Weight	Unit of Measure	
Die	1.25	mg	Supplier	Silicon (Si)	7440-21-3		1.25	mg	
Die Attach	0.136	mg	Supplier	Silver (Ag)	7440-22-4		0.109	mg	
			Supplier	Phenolic Resin-2	54208-63-8		0.027	mg	
Lead Frame	30.624	mg	Supplier	Magnesium (Mg)	7439-95-4		0.046	mg	
			Supplier	Silicon (Si)	7440-21-3		0.199	mg	
			В	Nickel (Ni)	7440-02-0		0.979	mg	
			Supplier	Copper (Cu)	7440-50-8		29.4	mg	
Mold Compound-Black	40.867	mg	Supplier	Ortho Cresol Novolac Resin	29690-82-2		8.173	mg	
			Supplier	Carbon Black (C)	1333-86-4		0.409	mg	
			Supplier	Fused Silica (SiO2)	60676-86-0		32.285	mg	
Plating	0.223	mg	Supplier	Palladium (Pd)	7440-05-3		0.006	mg	
			В	Nickel (Ni)	7440-02-0		0.213	mg	
			Supplier	Gold (Au)	7440-57-5		0.004	mg	
Wire Bond - Au	0.496	mg	Supplier	Gold (Au)	7440-57-5		0.496	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)