ASSOCIATION CONNECTING ASSOCIATION CONNECTING ELECTRONICS INDUSTRIES® international and Par	PC. Bannockb	ourn. Illinois. A	Il rights reserved un ntions.	nder both	This docume level parts, t	ent is a declaratio he declaration en	n of the substanc compasses all lov	es within the manufactur wer level materials for w	er listed i hich the n	tem. Note: if nanufacturer	the item is an as has engineering	sembly with low responsibility.	
				Form Type <sup>3</sup> Distribute	* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materials and Mfg Information					on			
Supplier Information													
Company name* Company			npany unique ID			Unique ID Authority				Response Date*			
onsemi							202			2023-06-08			
tontact Name Title - Contact					Phone - Contact*			Email - Contact*					
Product-Env-Stewards Product Enviro			ro Compliance		NA			Product-Env-Stewards@onsemi.com					
Authorized Representative* Title - Representat			entative		Phone - Representative*			Email - Representative*					
Product-Env-Stewards Product			roduct Enviro Compliance			NA			Product-Env-Stewards@onsemi.com				
Requester Item Number	Mfr Item	Number	Mfr Item Name			Effective Date	Version	Manufacturing Site		Weight*	UOM	Unit Type	
	74LCX2	74LCX244WM LV Buffer/Line		river	2023-			PH1		535.9996	mg	Each	
Ianufacturing Proccess Informa	tion					·							
Terminal Plating / Grid Array M	nal Plating / Grid Array Material Terminal Base Alloy		Alloy J	-STD-020 MSL	Rating	Peak Proces	s Body Tempera	ture Max Time at Peak	Temperat	ure Numbe	r of Reflow Cyc	les	
Matte Tin (Sn) - annealed CU Alloy					260	С	30	secon	ds 3				
omments													
<b>FTENTION: MSL 3 Rated item require</b>	s Bake and D	ry Pack (after	electrical test)										
or more information regarding material	composition	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	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	25.835	mg	Supplier	Silicon (Si)	7440-21-3		25.835	mg	
Die Attach	0.4286	mg	Supplier	Silver (Ag)	7440-22-4		0.3107	mg	
			Supplier	Phenolic Resin-2	54208-63-8		0.1179	mg	
Lead Frame	171.52	mg	Supplier	Silver (Ag)	7440-22-4		1.372	mg	
			Supplier	Zinc (Zn)	7440-66-6		0.257	mg	
			Supplier	Iron (Fe)	7439-89-6		3.911	mg	
			Supplier	Copper (Cu)	7440-50-8		165.808	mg	
			Supplier	Phosphorus (P)	7723-14-0		0.172	mg	
Mold Compound-Black	321.6	mg	Supplier	Ortho Cresol Novolac Resin	29690-82-2		19.296	mg	
			Supplier	Carbon Black (C)	1333-86-4		3.216	mg	
			Supplier	Fused Silica (SiO2)	60676-86-0		289.44	mg	
			Supplier	Phenolic Resin (Novolac)	9003-35-4		9.648	mg	
Plating	16.08	mg	Supplier	Tin (Sn)	7440-31-5		16.08	mg	
Wire Bond - Au	0.536	mg	Supplier	Gold (Au)	7440-57-5		0.536	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).