ABBOCIATION 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 declaratio	ration o on encor	of the substa mpasses all	ances w lower l	thin the manufa evel materials f	acturer listed for which the	item. 1 manuf	Note: if th acturer ha	ne item is an as as engineering	sembly with low responsibility.	
	IPC Web Site for Information on IPC-1752 Standard Form Ty http://www.ipc.org/IPC-175x Distribut				* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Mater					aterials and M	ials and Mfg Information					
Supplier Information																
Company name*			Company unique ID			Unique ID Authority					Respon	Response Date*				
onsemi												2023-06-08				
Contact Name	ntact			Phone - Contact*					Email	Email - Contact*						
Product-Env-Stewards Pr			Product Enviro Compliance			NA					Produ	Product-Env-Stewards@onsemi.com				
Authorized Representative* Title			Title - Representative			Phone - Representative*				Email	Email - Representative*					
Product-Env-Stewards	Product Enviro Compliance			NA				Produ	Product-Env-Stewards@onsemi.com							
Requester Item Number	Mfr Item Numb		Number Mfr Item Name				ate V	rsion	n Manufacturing Site		e	Weig	ht*	UOM	Unit Type	
	MC74L	VX4052DTG	LOG CMOS MLTIPLXR			2023-06-08		-		PH1		45.4		mg	Each	
Aanufacturing Proccess Informa	ation						1			-		l		•	I	
Terminal Plating / Grid Array M	Iaterial	Ferminal Base A	Alloy	J-STD-020 MSL H		Peak Process E		Body Temperature Max Time at Pea		Peak Tempera	Temperature Number		of Reflow Cyc	les		
Precious metal (e.g. Ag,Au, NiPdAu) (no Sn)		CU Alloy 1		1		260		С		30 s		nds	3			
omments																
vel 1 - maximum time at peak temperat	ure during so	ldering 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), Dibutyl phthalate (DBP), Dibutyl phthalate (DBP).										
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 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	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	2.0 mg		Supplier	Silicon (Si)	7440-21-3		2	mg	
Die Attach	1.32	mg	Supplier	Silver (Ag)	7440-22-4		0.99	mg	
			Supplier	Epoxy resins	129915-35-1		0.33	mg	
Lead Frame	20.76	mg	Supplier	Iron (Fe)	7439-89-6		0.3944	mg	
			Supplier	Copper (Cu)	7440-50-8		20.3656	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	2.12	mg	Supplier	Palladium (Pd)	7440-05-3		0.1611	mg	
			В	Nickel (Ni)	7440-02-0		1.9292	mg	
			Supplier	Gold (Au)	7440-57-5		0.0297	mg	
Wire Bond - Au	0.2	mg	Supplier	Gold (Au)	7440-57-5		0.2	mg	