ABSOCIATION CONNECTING ELECTRONICS INDUSTRIES® International and Par	PC, Bannock	burn, Illinois. A	Il rights reserved untions.	inder both	This docume level parts, t	ent is a declar the declaration	ration o on encor	of the substat mpasses all l	nces w lower l	thin the manufa	acturer listed or which the	item. N manufa	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 Typ http://www.ipc.org/IPC-175x Distribute				e *	* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Mate					aterials and M	ials and Mfg Information				
upplier Information																
Company name*	Company uni	Company unique ID			Unique ID Authority					Respon	Response Date*					
nsemi										2023-00	2023-06-08					
Contact Name Title - Contact					Phone - Contact*					Email -	Email - Contact*					
Product-Env-Stewards Prod			Product Enviro Compliance			NA					Produ	Product-Env-Stewards@onsemi.com				
Authorized Representative* Title - Repre			resentative J			Phone - Representative*				Email -	Email - Representative*					
Product-Env-Stewards	Product Enviro Compliance				NA					Produ	Product-Env-Stewards@onsemi.com					
Requester Item Number	Item Number Mfr Item M		Number Mfr Item Name			Effective Date Version Manufac		nufacturing Site	e	Weight*		UOM	Unit Type			
	MM74H	ICT245MTC	8-Bit Bi-Direct Xcvr			2023-06-08				PH1		69.28 n		mg	Each	
Ianufacturing Proccess Informa	tion					- 	1							1	I	
Terminal Plating / Grid Array Ma	terial	Ferminal Base A	Alloy	J-STD-020 MS	L Rating	Peak Process Bo		Body Tempe	ody Temperature Max Time at Peak		Peak Tempera	Temperature Numbe		of Reflow Cyc	eles	
Precious metal (e.g. Ag,Au, NiPdAu) (no Sn)		CU Alloy 1		1		260		С		30		nds	3			
omments																
evel 1 - maximum time at peak temperatu	re during so	ldering is 10-3	0 seconds													
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	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.

Homogeneous Material	Weight	Unit of Measure	Level	Substance	CAS	Exempt	Weight	Unit of Measure
Die	0.29	mg	Supplier	Silicon (Si)	7440-21-3		0.29	mg
Die Attach	2.46	mg		Epoxy resin	proprietary data		0.246	mg
			Supplier	Ethylene dimethacrylate	97-90-5		0.123	mg
			Supplier	Silver (Ag)	7440-22-4		1.968	mg
			Supplier	Formaldehyde Polymer	9003-36-5		0.123	mg
Lead Frame	38.58	mg	Supplier	Iron (Fe)	7439-89-6		0.733	mg
			Supplier	Copper (Cu)	7440-50-8		37.847	mg
Mold Compound-Black	24.35	mg		Epoxy resin	proprietary data		1.2175	mg
			Supplier	Phenol Resin	Proprietary Data		0.974	mg
			Supplier	Silica Amorphous (SiO2)	7631-86-9		2.435	mg
			Supplier	Carbon Black (C)	1333-86-4		0.2435	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		19.48	mg
Plating	3.44	mg	Supplier	Palladium (Pd)	7440-05-3		0.2614	mg
			В	Nickel (Ni)	7440-02-0		3.1304	mg
			Supplier	Gold (Au)	7440-57-5		0.0482	mg
Wire Bond - Cu	0.16	mg	Supplier	Copper (Cu)	7440-50-8		0.16	mg