ASSOCIATION CONNECTING ELECTRONICS INDUSTRIES® MOUSTRIES® International and Pa	PC. Bannockl	ourn, Illinois, A	ll rights reserved untions.	under both	This docume level parts, t	ent is a declaration he declaration en	on of the su acompasses	bstances w all lower	vithin the manufactule level materials for v	urer listed which the	item. Note: manufacture	if the item is an as er has engineering	sembly with low responsibility.	
				Form Type Distribute	* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materials and M					Ifg Informa	ation			
upplier Information														
Company name* Co			Company unique ID			Unique ID Authority				Respon	Response Date*			
onsemi											2023-06-08			
ontact Name Title - Contact			et		Phone - Contact*				Email - Contact*					
Product-Env-Stewards Product Envi			viro Compliance			NA				Produ	Product-Env-Stewards@onsemi.com			
Authorized Representative* Title - Represe			sentative		Phone - Representative*			Email ·	Email - Representative*					
Product-Env-Stewards Produ			Product Enviro Compliance			NA				Produ	Product-Env-Stewards@onsemi.com			
Requester Item Number	Mfr Iten	n Number	Mfr Item Name			Effective Date	e Date Version Manufacturing Site		anufacturing Site		Weight*	UOM	Unit Type	
	74VHC1	4VHC112MX Dual J-K F/F w/Pre		reset/Clr	t/Clr 2			PI	PH4		147.797	mg	Each	
Ianufacturing Proccess Informa	tion													
Terminal Plating / Grid Array M	aterial T	ial Terminal Base Alloy		J-STD-020 MSI	L Rating	Peak Proce	Process Body Temperature Max Time at Pe		Max Time at Pea	k Temperature Number of Reflow Cycles		eles		
Matte Tin (Sn) - annealed CU Al		CU Alloy	1			260 C		С	30 seco		seconds 3			
omments														
vel 1 - maximum time at peak temperat	ure 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 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	4.35	mg	Supplier	Silicon (Si)	7440-21-3		4.35	mg
Die Attach Epoxy	0.44	mg	Supplier	Silver (Ag)	7440-22-4		0.4048	mg
			Supplier	Phenolic Resin-2	54208-63-8		0.0352	mg
Lead Frame	46.4	mg	Supplier	Silver (Ag)	7440-22-4		0.2042	mg
			Supplier	Zinc (Zn)	7440-66-6		0.0603	mg
			Supplier	Iron (Fe)	7439-89-6		1.1136	mg
			Supplier	Copper (Cu)	7440-50-8		45.0034	mg
			Supplier	Phosphorus (P)	7723-14-0		0.0186	mg
Mold Compound-Black	93.9	mg	Supplier	2,6-dibromo-4-[1-(3-bromo-4- hydroxyphenyl)-1-methylethyl]phenol	6386-73-8		0.939	mg
			Supplier	Ortho Cresol Novolac Resin	29690-82-2		27.231	mg
			В	Antimony Trioxide (Sb2O3)	1309-64-4		1.878	mg
			Supplier	Carbon Black (C)	1333-86-4		0.704	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		63.148	mg
Plating	2.31	mg	Supplier	Tin (Sn)	7440-31-5		2.31	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).