ABBOCIATION CONNECTING ELECTRONICS INDUSTRIES® INCLUSTRIES®	burn, Illinois. All	rights reserved ur ions.	nder both	This docume level parts, t	ent is a decla he declaratio	ration of the n encomp	he substances asses all low	s within the er level ma	e manufacture aterials for wh	er listed ite	em. Note: anufacture	if the item is an as or has engineering	sembly with lower responsibility.
IPC Web Site for Information on http://www.ipc.org/IPC-175x	IPC Web Site for Information on IPC-1752 Standard Form Type http://www.ipc.org/IPC-175x Distribute				Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materials and M					uls and Mf	g Informa	tion	
Supplier Information													
ompany name* Company unique ID				1	Unique ID Authority					Response Date*			
onsemi	ısemi				2023-06-08								
Contact Name	ntact 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	o Compliance			NA				Product-Env-Stewards@onsemi.com					
Requester Item Number Mfr Iter	Afr Item Number Mfr Item I		em Name		Effective D	ate Vers	sion	Manufacturing Site		v	Veight*	UOM	Unit Type
74VHC	/HC374MTC OCTAL D FLIP-F		LOP		2023-06-08 PH4			73.596		mg	Each		
Manufacturing Proccess Information										L. L.		I	I
Terminal Plating / Grid Array Material	Ferminal Base Alloy		-STD-020 MS	L Rating	Peak Pr	Process Body Temperature Max Time at I		Time at Peak '	k Temperature Num		ber of Reflow Cyc	les	
Precious metal (e.g. Ag,Au, NiPdAu) (no Sn) CU Alloy		1			260	260 C		30 s		second	onds 3		
Comments													
evel 1 - maximum time at peak temperature during s	Idering is 10-30	seconds											
or more information regarding material composition	please refer to p	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	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	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)