ASSOCIATION CONNECTING	© Copyright 2005. IPC, international and Pan-Ar	Bannockb	urn, Illinois. A	ll rights reserved untions.	under both	This docum level parts, t	ent is a declara the declaration	tion of the sencompass	substances es all lowe	within the manufactu r level materials for v	vhich the	item. Note: if manufacturer	the item is an as has engineering	ssembly with lower responsibility.	
1752-21.1	IPC Web Site for Information on IPC-1752 Standard Form Type http://www.ipc.org/IPC-175x Distribute				e *	Class 6 - RoHS Yes/No, Homogeneous Materia					als and Mfg Information				
Supplier Inform	ation														
Company name*			Company unique ID				Unique ID Authority					Response Date*			
onsemi											2023-0	2023-06-08			
Contact Name			Title - Contact				Phone - Contact*				Email	Email - Contact*			
Product-Env-Stewards			Product Enviro Compliance				NA				Produ	Product-Env-Stewards@onsemi.com			
Authorized Representative*			Title - Representative				Phone - Representative*			Email	Email - Representative*				
Product-Env-Stewards			Product Enviro Compliance				NA				Produ	Product-Env-Stewards@onsemi.com			
Requester	Requester Item Number Mfr Item		n Number Mfr Item Name				Effective Dat	e Version	1 I	Manufacturing Site		Weight*	UOM	Unit Type	
		74VHCT541AMX OCTAL BUF		OCTAL BUFFEF	ER/LINE DRIVER		2023-06-08		I	PH1		535.9996	mg	Each	
Manufacturing I	Proccess Information	n						-	I						
Terminal Plating / Grid Array Material Termina			erminal Base A	inal Base Alloy J-STD-020 MSL R			Peak Process Body Temperature Max Time at Peal			Temperature Number of Reflow Cycles					
Matte Tin (Sn) - annealed CU Allog			U Alloy	у 3			260 C 30			seconds 3					
Comments															
ATTENTION: MSL	3 Rated item requires Ba	ike and D	ry Pack (after	electrical test)											
or more informatio	n regarding material con	position j	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 contain RoHS restricted substances per the definition above except for defined RoHS exemptions, then select the corresponding response in the RoHS Declaration above and choose all applicable exemptions.								
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).