ASSOCIATION CONNECTING ELECTRONICS INDUSTRIES	Material Composit © Copyright 2005. IPC, international and Pan-An	Bannockb	urn, Illinois. A	ll rights reserved untions.	under both	This docume level parts, t	ent is a decla he declaratio	aration of on enco	of the subsompasses a	stances w	vithin the level mate	manufacture erials for wh	er listed it nich the m	em. Not anufacti	te: if the urer has	item is an ass engineering r	embly with lowe esponsibility.
1752-21.1	IPC Web Site for Information on IPC-1752 Standard Form Type http://www.ipc.org/IPC-175x Distribute				e *	Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Mater						als and Mfg Information					
Supplier Informa	ntion																
Company name*			Company unique ID			Unique ID Authority					Response Date*						
onsemi													2023-06-08				
Contact 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			Product Enviro Compliance				NA					Product-Env-Stewards@onsemi.com					
Requester	Requester Item Number Mfr Item		n Number Mfr Item Name				Effective Date Version		М	Manufacturing Site		V	Veight*	:	UOM	Unit Type	
	MM74HC175MTCX		C175MTCX	QUAD D TYPE F/F W/CLEAR			2023-06-08	8		PF	PH1		5	6.427		mg	Each
Manufacturing P	roccess Information	1					·										
Terminal Pl	Terminal Plating / Grid Array Material		erminal Base Alloy J-ST		J-STD-020 MS	L Rating	Peak P	Peak Process Body Temperat		nperature	ure Max Time at Peak Te		remperature Number of		umber of	Reflow Cycl	es
Precious metal (e.g. Ag,Au, NiPdAu) (no Sn)		1) (no C	CU Alloy 1		1		260		С		30		second	seconds 3			
Comments																	
evel 1 - maximum tin	ne at peak temperature d	luring sol	dering is 10-3	0 seconds													
or more information	n regarding material com	position	please refer to	page 3													

RoHS Material Composition Declaration				Declaration Type *	Detailed							
Directive 2015/863/EU amending RoHS birective 2011/65/EU amending RoHS birective 2011/65/EU amending RoHS birective 2011/65/EU birectiv												
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	0.74	mg	Supplier	Silicon (Si)	7440-21-3		0.74	mg	
Die Attach	0.084	mg	Supplier	Silver (Ag)	7440-22-4		0.0672	mg	
			Supplier	Phenolic Resin-2	54208-63-8		0.0168	mg	
Lead Frame	23.228	mg	Supplier	Magnesium (Mg)	7439-95-4		0.035	mg	
			Supplier	Silicon (Si)	7440-21-3		0.151	mg	
			В	Nickel (Ni)	7440-02-0		0.742	mg	
			Supplier	Copper (Cu)	7440-50-8		22.3	mg	
Mold Compound-Black	31.8	mg	Supplier	Ortho Cresol Novolac Resin	29690-82-2		6.36	mg	
			Supplier	Carbon Black (C)	1333-86-4		0.318	mg	
			Supplier	Fused Silica (SiO2)	60676-86-0		25.122	mg	
Plating	0.178	mg	Supplier	Palladium (Pd)	7440-05-3		0.005	mg	
			В	Nickel (Ni)	7440-02-0		0.17	mg	
			Supplier	Gold (Au)	7440-57-5		0.003	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)