ASSOCIATION CONNECTING ELECTRONICS INDUSTRIES	Material Composit © Copyright 2005. IPC, international and Pan-An	ion Dec Bannockb herican co	c <b>laration</b> ourn, Illinois. A opyright conve	ll rights reserved untions.	under both	This docume level parts, t	ent is a decla he declaration	aration of on encon	of the substa	nces wi lower le	thin the manufactu evel materials for w	rer listed i hich the n	tem. No nanufact	ote: if the turer has	item is an asse engineering re	embly with lowe sponsibility.
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	tion															
Company name*			Company unique ID				Unique ID Authority					Response Date*				
onsemi												2023-06	-08			
Contact Name	Title - Contact				Phone - Contact*					Email - Contact*						
Product-Env-Steward	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	· · · · · · · · · · · · · · · · · · ·		m Number Mfr Item Name				Effective Date Version Manufacturing Site   2023-06-08 PH1			Weight*	ķ	UOM	Unit Type			
			C153ADTG	ADTG DUAL 4-I DATA SEL/MUX							45.4		mg	Each		
Manufacturing P	roccess Information	l						<b>I</b>								
Terminal Plating / Grid Array Material			erminal Base Alloy J-STD-02		J-STD-020 MS	L Rating	Peak P	Process B	cess Body Temperature Max Time at I		Max Time at Peak	ak Temperature Nu		Number of Reflow Cycles		
Precious metal (e.g. Ag,Au, NiPdAu) (no Sn)			U Alloy 1		1		260		С		30		seconds 3			
Comments																
evel 1 - maximum tin	ie at peak temperature d	luring sol	dering is 10-3	0 seconds												
or more information	regarding material com	position	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), Disobutyl 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	2.0	mg	Supplier	Silicon (Si)	7440-21-3		2	mg
Die Attach	1.32	mg	Supplier	Silver (Ag)	7440-22-4		0.99	mg
			Supplier	Epoxy resins	129915-35-1		0.33	mg
Lead Frame	20.76	mg	Supplier	Iron (Fe)	7439-89-6		0.3944	mg
			Supplier	Copper (Cu)	7440-50-8		20.3656	mg
Mold Compound-Black	19.0	mg		Epoxy resin	proprietary data		0.95	mg
			Supplier	Phenolic Resin	Proprietary Data		0.95	mg
			Supplier	Ortho Cresol Novolac Resin	29690-82-2		0.38	mg
			Supplier	Carbon Black (C)	1333-86-4		0.095	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		16.625	mg
Plating	2.12	mg	Supplier	Palladium (Pd)	7440-05-3		0.1611	mg
			В	Nickel (Ni)	7440-02-0		1.9292	mg
			Supplier	Gold (Au)	7440-57-5		0.0297	mg
Wire Bond - Cu	0.2	mg	Supplier	Copper (Cu)	7440-50-8		0.2	mg