	Material Composit © Copyright 2005. IPC, I nternational and Pan-An	Bannockb	urn, Illinois. A	ll rights reserved untions.	under both	This docume level parts, t	ent is a declarat	ion of the su	ibstances v s all lower	within the manufactu level materials for v	urer listed which the r	item. Note: nanufacture	if the item is an as er has engineering	ssembly with low responsibility.	
	IPC Web Site for Information on IPC-1752 Standard Form Typ http://www.ipc.org/IPC-175x Distribute				*	* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materi					als and Mfg Information				
Supplier Informat	ion														
Company name*			Company unique ID				Unique ID Authority				Respon	Response Date*			
onsemi											2024-04	2024-04-29			
Contact Name			Title - Contact				Phone - Contact*				Email -	Email - Contact*			
Product-Env-Stewards			Product Enviro Compliance				NA				Produ	Product-Env-Stewards@onsemi.com			
uthorized Representa	tive*		Title - Representative				Phone - Representative*			Email -	Email - Representative*				
Product-Env-Stewards			Product Enviro Compliance				NA				Produc	Product-Env-Stewards@onsemi.com			
Requester It	er Item Number Mfr Item		n Number Mfr Item Name				Effective Date	Version	on Manufacturing Site			Weight*	UOM	Unit Type	
		NCP45732IMN24TW 732 MCM G		732 MCM	CM		2024-04-29		P	PHG		10.601	mg	Each	
Ianufacturing Pr	occess Information	1													
Terminal Pla	Terminal Plating / Grid Array Material Terminal F		erminal Base A	e Alloy J-STD-020 MSL Ra		L Rating	Peak Proc	eak Process Body Temperatu		ure Max Time at Peak Temp		ture Num	ber of Reflow Cy	cles	
Matte Tin (Sn) - annealed C			U Alloy 3			260 C 30		30	seconds 3						
omments															
FTENTION: MSL 3	Rated item requires Ba	ke and D	ry Pack (after	electrical test)											
or more information i	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), Dibutyl phthalate (DBP), Dibutyl phthalate (DBP).										
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 v 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	0.489	mg	Supplier	Silicon (Si)	7440-21-3		0.489	mg
Die Attach Epoxy	0.094	mg		Hardener	proprietary data		0.0023	mg
			Supplier	Silver (Ag)	7440-22-4		0.0827	mg
			Supplier	Dicyandiamine	461-58-5		0.0005	mg
			Supplier	Formaldehyde Polymer	9003-36-5		0.0085	mg
Die Attach Tape	0.124	mg	Supplier	Acrylic AE Copolymer	58152-79-7		0.0186	mg
			Supplier	Silica Amorphous (SiO2)	7631-86-9		0.062	mg
			Supplier	Formaldehyde Polymer	9003-36-5		0.0174	mg
			Supplier	Ortho-Cresol Novolac Resin	29690-82-2		0.0087	mg
			Supplier	Phenolic Resin (Novolac)	9003-35-4		0.0174	mg
Lead Frame	4.637	mg	Supplier	Silver (Ag)	7440-22-4		0.0037	mg
			Supplier	Zinc (Zn)	7440-66-6		0.0056	mg
			Supplier	Iron (Fe)	7439-89-6		0.109	mg
			Supplier	Copper (Cu)	7440-50-8		4.5174	mg
			Supplier	Phosphorus (P)	7723-14-0		0.0014	mg
Mold Compound-Black	4.778	mg		Epoxy resin	proprietary data		0.2389	mg
			Supplier	Phenolic Resin	Proprietary Data		0.1099	mg
			Supplier	Silica Amorphous (SiO2)	7631-86-9		0.2389	mg
			Supplier	Carbon Black (C)	1333-86-4		0.0191	mg
			Supplier	Aluminum Hydroxide (Al(OH)3)	21645-51-2		0.1099	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		4.0613	mg
ating	0.437	mg	Supplier	Tin (Sn)	7440-31-5		0.437	mg
Wire Bond	0.042	mg	Supplier	Palladium (Pd)	7440-05-3		0.001	mg
			Supplier	Gold (Au)	7440-57-5		0.0004	mg
			Supplier	Copper (Cu)	7440-50-8		0.0405	mg