© Copyright 2005. IP	© Convright 2005 IPC Bannockburn Illinois All rights reserved under both				This document is a declaration of the substances within the manufacturer listed item. Note: if the item is an assembly with lower level parts, the declaration encompasses all lower level materials for which the manufacturer has engineering responsibility.									
	IPC Web Site for Information on IPC-1752 Standard Form   http://www.ipc.org/IPC-175x Distri				* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materials					ials and N	ls and Mfg Information			
Supplier Information														
Company name* C			Company unique ID			Unique ID Authority					Response Date*			
onsemi											2023-06-08			
Contact Name Title - Contact			t			Phone - Contact*				Email	Email - Contact*			
Product-Env-Stewards Product Er			act Enviro Compliance			NA				Produ	Product-Env-Stewards@onsemi.com			
Authorized Representative* Title - Repre			esentative		Phone - Representative*			Email - Representative*						
Product-Env-Stewards Produ			Product Enviro Compliance			NA				Produ	Product-Env-Stewards@onsemi.com			
Requester Item Number	Mfr Item Number		er Mfr Item Name			Effective Date	Version		Manufacturing Site		Weight*	UOM	Unit Type	
	NCP123	CP1236BD100R2G BRWN AREC OC		CP OVP 100KH	łZ	2023-06-08 TH6		TH6	80.48		mg	Each		
Manufacturing Proccess Informati	on													
Terminal Plating / Grid Array Material Terminal Base A		Alloy J	J-STD-020 MSI	L Rating	Peak Proc	ess Body T	emperatu	re Max Time at Peak	Tempera	ature Numb	per of Reflow Cy	cles		
Matte Tin (Sn) - annealed CU Alloy		1	1		260		С	30	seco	nds 3				
Comments														
level 1 - maximum time at peak temperatur	e during sol	dering is 10-3	0 seconds											
for more information regarding material c	omposition	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 (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 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 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	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	2.52	mg	Supplier	Silicon (Si)	7440-21-3		2.52	mg
Die Attach	0.43	mg		Epoxy resin	proprietary data		0.043	mg
			Supplier	Ethylene dimethacrylate	97-90-5		0.0215	mg
			Supplier	Silver (Ag)	7440-22-4		0.344	mg
			Supplier	Formaldehyde Polymer	9003-36-5		0.0215	mg
Lead Frame	27.82	mg	Supplier	Silver (Ag)	7440-22-4		0.1669	mg
			Supplier	Zinc (Zn)	7440-66-6		0.0334	mg
			Supplier	Iron (Fe)	7439-89-6		0.6538	mg
			Supplier	Copper (Cu)	7440-50-8		26.9576	mg
			Supplier	Phosphorus (P)	7723-14-0		0.0083	mg
Mold Compound-Black	48.72	mg		Epoxy resin	proprietary data		2.436	mg
			Supplier	Phenolic Resin	Proprietary Data		2.436	mg
			Supplier	Ortho Cresol Novolac Resin	29690-82-2		0.9744	mg
			Supplier	Carbon Black (C)	1333-86-4		0.2436	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		42.63	mg
Plating	0.94	mg	Supplier	Tin (Sn)	7440-31-5		0.94	mg
Wire Bond - Cu	0.05	mg	Supplier	Copper (Cu)	7440-50-8		0.05	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).