ASSOCIATION CONNECTING ELECTRONICS INDUSTRIES® INDUSTRIES® INTERNATIONAL OF INDUSTRIES®	PC. Bannockl	burn. Illinois. A	ll rights reserved untions.	under both This de level p	ocumen oarts, the	nt is a declaration e	on of the su	ibstances s all lowe	within the manufac r level materials for	turer listed which the	l item. No manufact	ote: if the turer has	item is an asso engineering re	mbly with lower sponsibility.
	IPC Web Site for Information on IPC-1752 Standard Form http://www.ipc.org/IPC-175x Distribution				Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materials and					Mfg Infor	mation			
Supplier Information														
Company name*	Company unique ID			U	Unique ID Authority					Response Date*				
onsemi Contact Name Title - Co			le - Contact			Phone - Contact*					2023-06-08 Email - Contact*			
			oduct Enviro Compliance			NA					Product-Env-Stewards@onsemi.com			
Authorized Representative*			Title - Representative			Phone - Representative*				Email	Email - Representative*			
Product-Env-Stewards	Product Enviro Compliance			N	NA				Prod	Product-Env-Stewards@onsemi.com				
Requester Item Number	Mfr Item	n Number	er Mfr Item Name		E	Effective Date	Version	1	Manufacturing Site		Weight*	k	UOM	Unit Type
	NCP812	ICP81218DMNTXG Derivative of NCP Clamp Value		P81218 with higher Co	mp 2	023-06-08 PH1		PH1		96.9		mg	Each	
Manufacturing Proccess Informa	tion													
Terminal Plating / Grid Array M	Terminal Plating / Grid Array Material Terminal Base Alloy		Alloy	J-STD-020 MSL Ratin	D-020 MSL Rating		Peak Process Body Temperature Max Time at Pe		k Temperature Number of Reflow Cycles					
Matte Tin (Sn) - annealed CU Alloy		CU Alloy		1		260		С	30	sec	onds 3			
Comments														
level 1 - maximum time at peak temperat	ure during so	ldering is 10-3	0 seconds											
For more information regarding material	composition	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), Diisobutyl 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 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	2.33	mg	Supplier	Silicon (Si)	7440-21-3		2.33	mg
Die Attach	0.5	mg		Epoxy resin	proprietary data		0.115	mg
			Supplier	Silver (Ag)	7440-22-4		0.385	mg
Lead Frame	36.82	mg	Supplier	Silver (Ag)	7440-22-4		0.3682	mg
			Supplier	Tin (Sn)	7440-31-5		0.092	mg
			Supplier	Zinc (Zn)	7440-66-6		0.081	mg
			Supplier	Chromium (Cr)	7440-47-3		0.092	mg
			Supplier	Copper (Cu)	7440-50-8		36.1867	mg
Mold Compound-Black	54.23	mg		Epoxy resin	proprietary data		2.7115	mg
			Supplier	Carbon Black (C)	1333-86-4		0.2711	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		48.5358	mg
			Supplier	Phenolic Resin (Novolac)	9003-35-4		2.7115	mg
Plating	2.46	mg	Supplier	Tin (Sn)	7440-31-5		2.46	mg
Wire Bond	0.56	mg	Supplier	Palladium (Pd)	7440-05-3		0.0056	mg
			Supplier	Copper (Cu)	7440-50-8		0.5544	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 signa range of distribution unless otherwise noted).