ASSOCIATION CONNE	Material Comp © Copyright 2005. II international and Par	Material Composition Declaration © Copyright 2005. IPC, Bannockburn, Illinois. All rights reserved under both international and Pan-American copyright conventions.				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.									
752-21.1		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				erials and l	ials and Mfg Information				
Supplier Info	rmation														
Company name*				Company unique ID			Unique ID Authority				Respo	Response Date*			
nsemi										2023-0	2023-06-12				
Contact Name		Title - Contact			P	Phone - Contact*				Email	Email - Contact*				
Product-Env-Ste	ewards	Product Enviro Compliance			1	NA				Produ	Product-Env-Stewards@onsemi.com				
uthorized Repr	resentative*	Title - Representative			P	Phone - Representative*				Email	Email - Representative*				
Product-Env-Stewards			Product Enviro Compliance			1	NA				Produ	Product-Env-Stewards@onsemi.com			
Reque	ester Item Number	Mfr Item	n Number	nber Mfr Item Name			Effective Date	Version	n]	Manufacturing Site		Weight*	UOM	Unit Type	
		NCP323	NCP3231NMNTXG Buck Converter with Nokia		with Integrated FE	Ts for	2023-06-12	MY1			98.65	mg	Each		
I anufacturin	ng Proccess Informa	tion													
Terminal Plating / Grid Array Material			'erminal Base Alloy J-STD-020 MSI		J-STD-020 MSL F	Rating	Peak Process Body Temperature Max Time at Pea			ak Temper	k Temperature Number of Reflow Cycles				
Matte Tin (Sn) - annealed			CU Alloy 3			260	C 30		seco	seconds 3					
omments															
ITENTION: M	ASL 3 Rated item require	s Bake and D	Ory Pack (afte	r electrical test)											
or more inform	ation 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											
Please indicate whether any homogeneous material (as defined by the RoHS Directive, EU 2011/65/EU and implemented by the laws of the European Union member states) of the part identified on this form contains lead, mercury, cadmium, hexavalentchromium, polybrominated biphenyls and/or polybrominated diphenyl ethers (each a "RoHS restricted substance") in excess of the applicable quantity limit identified above. If a homogeneous material within the part contains a RoHS restricted substance inexcess of an applicable quantity limit, please indicate below which, if any, RoHS exemption you believe may apply. If the part is an assembly with lower level components, the declaration shall encompass all such components. Supplier certifies that it gathered the information it provides in this form using appropriate methods to ensure its accuracy and that such information is true and correct to the best of its knowledge and belief, as of the date that Supplier completes this form. Supplier acknowledges that Company will rely on this certification in determining the compliance of its products with European Union member state laws that implement the RoHS Directive. Company acknowledges that Supplier may have relied on information provided by others in completing this form, and that Supplier may not have independently verified such information. However, in situations where Supplier has not independently verified information provided by others, Supplier agrees that, at a minimum, its paragraph. If the Company and the Supplier sate as comprehensive as the certification in this paragraph. If the Company and the Supplier enter into a written agreement with respect to the identified part, the terms and conditions of that agreement, including any warranty rights and/or remedies provided as part of that agreement, will be the sole and exclusivesource of the Supplier's Standard Terms and Conditions of Sale applicable to such part shall apply.											
RoHS Declaration * 4 - Item(s) does not contain RoHS restricted substance	s per the definition above except for selected exemp	tions Supplier Acceptance	* Accepted							
Exemption: 7a: Lead in high melting temperature type solders (i.e. lead based solder alloys containing 85% by weight or more lead).											
Exemption List Version	EL-2011/534/EU										
Declaration Signature											
Instructions: Complete all of the required f Requester) and click on Submit Form to ha		Accepted" on the Supplier Acceptance drop-dow	n. This will display the signature area. Digita	lly sign the declaration (if required by the							
Supplier Digital Signature Ra	astislav Drska	-En									

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.

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).

Homogeneous Material	Weight	Unit of Measure	Level	Substance	CAS	Exempt	Weight	Unit of Measure
Die	8.0	mg	Supplier	Silicon (Si)	7440-21-3		8	mg
Die Attach Solder	12.0	mg	Supplier	Silver (Ag)	7440-22-4		0.3	mg
			A	Lead (Pb)	7439-92-1	7a	11.1	mg
			Supplier	Tin (Sn)	7440-31-5		0.6	mg
Lead Frame	50.35	mg	Supplier	Silver (Ag)	7440-22-4		1.3594	mg
			Supplier	Tin (Sn)	7440-31-5		0.1208	mg
			Supplier	Zinc (Zn)	7440-66-6		0.0957	mg
			Supplier	Chromium (Cr)	7440-47-3		0.146	mg
			Supplier	Copper (Cu)	7440-50-8		48.628	mg
Mold Compound-Black	26.0	mg		Epoxy resin	proprietary data		1.222	mg
			Supplier	Silica Amorphous (SiO2)	7631-86-9		2.6	mg
			Supplier	Carbon Black (C)	1333-86-4		0.026	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		20.93	mg
			Supplier	Phenolic Resin (Novolac)	9003-35-4		1.222	mg
Plating	1.8	mg	Supplier	Tin (Sn)	7440-31-5		1.8	mg
Wire Bond - Au	0.5	mg	Supplier	Gold (Au)	7440-57-5		0.5	mg