ASSOCIATION CONNECTING ELECTRONICE INDUSTRIES® INCLUSTRIES®	burn, Illinois. All rights reserved un	nder both This docu level parts	ment is a declaration, the declaration er	on of the substance acompasses all low	es within the manufacture over level materials for wh	er listed item. Note: if hich the manufacturer	the item is an as has engineering	sembly with lower responsibility.		
IPC Web Site for Information on http://www.ipc.org/IPC-175x	IPC Web Site for Information on IPC-1752 Standard Form Type http://www.ipc.org/IPC-175x Distribute			Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materials and Mfg Information						
Supplier Information										
mpany name* Company unique ID			Unique ID Authority			Response Date*				
onsemi					2023-06-08					
Contact Name	t Name Title - Contact			Phone - Contact*			Email - Contact*			
oduct-Env-Stewards Product Enviro Compliance			NA			Product-Env-Stewards@onsemi.com				
uthorized Representative* Title - Representative			Phone - Representative*			Email - Representative*				
Product-Env-Stewards Product Enviro Compliance			NA			Product-Env-Stewards@onsemi.com				
Requester Item Number Mfr Iter	n Number Mfr Item Name	Mfr Item Name		Version	Manufacturing Site	Weight*	UOM	Unit Type		
NCP323	BIAMNTXG Buck Converter w	vith Integrated FETs	2023-06-08			98.65	mg	Each		
Manufacturing Proccess Information			·				·			
Terminal Plating / Grid Array Material	Terminal Base Alloy J	-STD-020 MSL Rating	Peak Process Body Temperature		ure Max Time at Peak	Temperature Numb	er of Reflow Cy	les		
Matte Tin (Sn) - annealed CU Alloy 3		3	260	С	30	seconds 3				
Comments										
ATTENTION: MSL 3 Rated item requires Bake and I	Dry Pack (after electrical test)									
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	(Pb), Mercury (Hg), Hexavalent Chro	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).								
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, admium, 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 ontains 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 ncompass all such components. Supplier acting 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 sthat 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 acknowledges that company will rely on this certifications regarding their contributions to the part, in situations where Supplier has not ndependently verified information provided by others, Supplier agrees that, at a minimum, itsuppliers have provided certifications regarding their contributions to the part, and those certifications are at least as comprehensive as the ertification in this paragraph. If the Company and the Supplier rinto 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 hat agreement, will be the sole and exclusivesource of the Supplier's Iiability and the Company's remedies for issues that arise regarding information the Supplier provides in this form. In the absence of such written agreement, the varranty rights and/or remedies of Supplier's Standard Terms andConditions of Sale applicable to such par										
RoHS Declaration * 4 - Item(s) does not contain RoHS restricted subst	ances per the definition above except for sele	ected exempt	ions Supplier Acceptance	* Accepted					
Exemption: 7a: Lead in high melting temp	erature type solders (i.e. lead based sol	der alloys containing 85% by weight or m	ore lead).							
Exemption List Version	EL-2011/534/EU									
Declaration Signature										
Instructions: Complete all of the required Requester) and click on Submit Form to h			e drop-dowi	a. This will display the signature area. Digita	lly sign the declaration (if required by the					
Supplier Digital Signature	astislav 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	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
			А	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

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).