ASSOCIATION CONNECTING ASSOCIATION CONNECTING ELECTRONICS INDUSTRIES® international and Par	PC. Bannockł	ourn, Illinois, A	ll rights reserved untions.	under both	This docume level parts, t	ent is a declarati he declaration e	on of the su	bstances v s all lower	vithin the manufactule level materials for v	urer listed which the	item. Note manufactur	: if the item is an as er has engineering	sembly with low responsibility.	
				Form Type Distribute	*	* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materials					ls and Mfg Information			
upplier Information														
Company name* Com			Company unique ID			Unique ID Authority				Respon	Response Date*			
onsemi									2024-05-21					
Dontact Name Title - Contact				Phone - Contact*				Email	Email - Contact*					
Product-Env-Stewards Product Envir			viro Compliance			NA				Produ	Product-Env-Stewards@onsemi.com			
Authorized Representative* Title - Representative			entative		Phone - Representative*			Email	Email - Representative*					
Product-Env-Stewards Product En			Enviro Compliance			NA				Produ	Product-Env-Stewards@onsemi.com			
Requester Item Number	Mfr Item Number		mber Mfr Item Name			Effective Date	Version	М	Manufacturing Site		Weight*	UOM	Unit Type	
	NB3N23	NB3N2304NZDTG LOW SKEW 1:4 C		CLK BUFFER		2024-05-21		PI	PH1		22.7	mg	Each	
Ianufacturing Proccess Informa	tion						-	·						
Terminal Plating / Grid Array M	aterial 7	rial Terminal Base Alloy		J-STD-020 MSI	Rating	Peak Proc	ess Body Temperature Max Time at Peak		k Tempera	ature Nun	nber of Reflow Cyc	eles		
Matte Tin (Sn) - annealed CU Alloy		CU Alloy		3		260		С	30	seco	nds 3			
omments														
TTENTION: MSL 3 Rated item require	s Bake and D	ry Pack (after	electrical test)											
or 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), Disobutyl 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 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	ances per the definitio	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.

	cable [E] enter the weigh			ance category (JIG or Requester) or enter [F] Optionally enter the positive (+) ar				
Homogeneous Material	Weight	Unit of Measure	Level	Substance	CAS	Exempt	Weight	Unit of Measure
Die	1.0	mg	Supplier	Silicon (Si)	7440-21-3		1	mg
Die Attach	0.66	mg	Supplier	Silver (Ag)	7440-22-4		0.495	mg
			Supplier	Epoxy resins	129915-35-1		0.165	mg
Lead Frame	10.38	mg	Supplier	Iron (Fe)	7439-89-6		0.1972	mg
			Supplier	Copper (Cu)	7440-50-8		10.1828	mg
Mold Compound-Black	9.5	mg		Epoxy Phenol Resin	proprietary data		0.9975	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		8.5025	mg
Plating	1.06	mg	Supplier	Tin (Sn)	7440-31-5		1.06	mg
Wire Bond - Au	0.1	mg	Supplier	Gold (Au)	7440-57-5		0.1	mg