© Cop	erial Compositio byright 2005. IPC, Bar ational and Pan-Amer	nnockburn, Illin	ois. All rights reserved u	under both	This docume level parts, t	ent is a declara he declaration	tion of the s encompass	substances es all lowe	within the manufacture level materials for v	rer listed i which the n	tem. Note: nanufacture	if the item is an as er has engineering	sembly with lower responsibility.	
				Form Type Distribute	* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materi					ials and M	als and Mfg Information			
Supplier Information														
Company name* C			Company unique ID			Unique ID Authority					Response Date*			
onsemi										2024-05	2024-05-16			
Contact Name Title -			Title - Contact			Phone - Contact*				Email -	Email - Contact*			
Product-Env-Stewards Prod			Product Enviro Compliance			NA				Produc	Product-Env-Stewards@onsemi.com			
Authorized Representative* Title -			ïtle - Representative			Phone - Representative*			Email -	Email - Representative*				
Product-Env-Stewards Pro			Product Enviro Compliance			NA				Produc	Product-Env-Stewards@onsemi.com			
Requester Item Nu	Requester Item Number Mfr Item		n Number Mfr Item Name			Effective Dat	e Version	1	Manufacturing Site		Weight*	UOM	Unit Type	
	N	B3N2304NZDT	G LOW SKEW 1:4	LOW SKEW 1:4 CLK BUFFER		2024-05-16			PH1		22.7	mg	Each	
Manufacturing Procces	ss Information													
Terminal Plating / Grid Array Material Terminal Base		Base Alloy	J-STD-020 MSI	Rating	Peak Pro	cess Body]	Femperatu	re Max Time at Peal	x Temperat	ture Num	ber of Reflow Cyc	eles		
Matte Tin (Sn) - annealed CU Alloy			3		260		С	30	secon	ids 3				
Comments														
ATTENTION: MSL 3 Rated	l item requires Bake	and Dry Pack	(after electrical test)											
For more information regard	ding material compo	sition please re	fer 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 contain RoHS restricted substances per the definition above except for defined RoHS exemptions, then select the corresponding response in the RoHS Declaration above and choose all applicable exemptions.											
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