ABSOCIATION CONNECTING ELECTRONICS INDUSTRIES® INFORMATION CONNECTING	PC, Bannock	burn, Illinois. A	ll rights reserved u ntions.	inder both	This docume level parts, t	ent is a declar he declaratio	ration of n encon	f the substance npasses all low	es within t ver level n	he manufactu naterials for v	urer listed in which the m	em. No anufac	ote: if the cturer has	e item is an as engineering	sembly with low responsibility.	
	IPC Web Site for Information on IPC-1752 Standard Form Typ http://www.ipc.org/IPC-175x Distribute				e *	* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Mate					rials and M	ials and Mfg Information				
upplier Information																
Company name* Company			npany unique ID UI			Unique ID Authority					Respons	Response Date*				
onsemi											2023-06-08					
Contact Name Title - Contact				Pr			Phone - Contact*					Email - Contact*				
Product-Env-Stewards	Product Envi	Product Enviro Compliance			NA					Produc	Product-Env-Stewards@onsemi.com					
Authorized Representative* Title -			Title - Representative			Phone - Representative*				Email -	Email - Representative*					
Product-Env-Stewards	Product Enviro Compliance				NA				Product-Env-Stewards@onsemi.com							
Requester Item Number	Mfr Item Number		lumber Mfr Item Name			Effective Date Version		ersion	Manufacturing Site		,	Weight	*	UOM	Unit Type	
	NB3N5	NB3N51132DTR2G XTAL TO HO		SL CLK GENERATOR		2023-06-08			PH1		2	45.4		mg	Each	
Aanufacturing Proccess Informa	tion								1						I	
Terminal Plating / Grid Array M	aterial	Terminal Base	Alloy J	J-STD-020 MSL Rating		Peak Process Body Ter		Body Temperat	berature Max Time at Peak		k Temperat	Temperature Number of Reflow C		f Reflow Cyc	les	
Precious metal (e.g. Ag,Au, NiPdAu) (no Sn)		CU Alloy 1		1		260		С	30		secon	ds 3	3			
comments																
evel 1 - maximum time at peak temperat	ure during so	ldering is 10-3	0 seconds													
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		nium (Cr6+), Polybro	ominated Biphenyls (PBB), Polybron	dmium and quantity limit of 0.1% by mass (100 minated Diphenyl Ethers (PBDE), and Bis(2-eth	
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	2.0	mg	Supplier	Silicon (Si)	7440-21-3		2	mg
Die Attach	1.32	mg	Supplier	Silver (Ag)	7440-22-4		0.99	mg
			Supplier	Epoxy resins	129915-35-1		0.33	mg
Lead Frame	20.76	mg	Supplier	Iron (Fe)	7439-89-6		0.3944	mg
			Supplier	Copper (Cu)	7440-50-8		20.3656	mg
Mold Compound-Black	19.0	mg		Epoxy Phenol Resin	proprietary data		1.995	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		17.005	mg
Plating	2.12	mg	Supplier	Palladium (Pd)	7440-05-3		0.1611	mg
			В	Nickel (Ni)	7440-02-0		1.9292	mg
			Supplier	Gold (Au)	7440-57-5		0.0297	mg
Wire Bond - Au	0.2	mg	Supplier	Gold (Au)	7440-57-5		0.2	mg