ASSOCIATION CONNECTING ELECTRONICS INDUSTRIES® INDUSTRIES® INTERNATIONAL AND ADDRESS	2. Bannockh	ourn. Illinois. A	ll rights reserved u	nder both	This docum level parts, t	ent is a declarat	ion of the succession of the s	ubstances s all lowe	within the manufacture level materials for v	rer listed	item. Note: i manufacture	if the item is an as r has engineering	sembly with lower responsibility.	
	IPC Web Site for Information on IPC-1752 Standard Form http://www.ipc.org/IPC-175x Distr				<ul> <li>Declaration Class *</li> <li>Class 6 - RoHS Yes/No, Homogeneous Materi</li> </ul>				ials and N	als and Mfg Information				
Supplier Information														
Company name*	Company unique ID			Unique ID Authority				Respon	Response Date*					
onsemi										2024-05	2024-05-08			
Contact Name Title - Contact			intact			Phone - Contact*				Email -	Email - Contact*			
Product-Env-Stewards Product			oduct Enviro Compliance			NA				Produ	Product-Env-Stewards@onsemi.com			
Authorized Representative* Title - Re			Representative			Phone - Representative*			Email -	Email - Representative*				
Product-Env-Stewards	Product Enviro Compliance			NA				Produ	Product-Env-Stewards@onsemi.com					
Requester Item Number	Number Mfr Item N		Number Mfr Item Name			Effective Date	Version	]	Manufacturing Site		Weight*	UOM	Unit Type	
	NB100L G	NB100LVEP221MNR BBG ECL 1:		20 DIF HSTL/ECL		2024-05-08		]	PH1		23.89	mg	Each	
Manufacturing Proccess Information	on													
Terminal Plating / Grid Array Mate	rial Terminal Base A		Alloy	oy J-STD-020 MSL Ra		Peak Proc	Process Body Temperature		re Max Time at Peal	k Tempera	ture Numl	ber of Reflow Cyd	eles	
Matte Tin (Sn) - annealed CU Alloy			2		260		С	30	seco	nds 3				
Comments														
ATTENTION: MSL 2 Rated item requires I	Dry Pack (a	after electrical	test)											
For more information regarding material co	mposition	please refer to	page 3											

RoHS Material Composition Declaration				Declaration Type *	Detailed					
Directive 2015/863/EU amending RoHS Directive 2011/65/EU	toHS 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 hthalate (BBP), Dibutyl phthalate (DBP), Diisobutyl 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 v 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 co 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	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.

Homogeneous Material	Weight	Unit of Measure	Level	Substance	CAS	Exempt	Weight	Unit of Measure
Die	0.24	mg	Supplier	Silicon (Si)	7440-21-3		0.24	mg
Die Attach	0.6	mg	Supplier	Silver (Ag)	7440-22-4		0.45	mg
			Supplier	Epoxy resins	129915-35-1		0.15	mg
Lead Frame 9	9.44	mg	Supplier	Silver (Ag)	7440-22-4		1.6048	mg
			Supplier	Iron (Fe)	7439-89-6		0.0755	mg
			Supplier	Copper (Cu)	7440-50-8		7.7597	mg
Mold Compound-Black	11.38	mg		Epoxy resin	proprietary data		0.7966	mg
			Supplier	Phenolic Resin	Proprietary Data		0.7966	mg
			Supplier	Silica Amorphous (SiO2)	7631-86-9		1.707	mg
			Supplier	Carbon Black (C)	1333-86-4		0.0569	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		8.0229	mg
Plating	0.67	mg	Supplier	Tin (Sn)	7440-31-5		0.67	mg
Wire Bond - Au	1.56	mg	Supplier	Gold (Au)	7440-57-5		1.56	mg