ASSOCIATION CONNECTING ELECTRONICS INDUSTRIES	——————————————————————————————————————					This document is a declaration of the substances within the manufacturer listed item. Note: if the item is an assembly with lower level parts, the declaration encompasses all lower level materials for which the manufacturer has engineering responsibility.								
1752-21.1					Form Type Distribute	Form Type * Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Mater			ials and Mfg Information					
Supplier Information														
Company name*			Company unique ID				Unique ID Authority				Response Date*			
onsemi										2024-04-18				
Contact Name			Title - Contact				Phone - Contact*				Email - Contact*			
Product-Env-Stewar	ds		Product Enviro Compliance				NA				Product-Env-Stewards@onsemi.com			
<b>Authorized Represen</b>	tative*		Title - Representative				Phone - Representative*				Email - Representative*			
Product-Env-Stewards			Product Enviro Compliance				NA				Product-Env-Stewards@onsemi.com			
Requester	ter Item Number Mfr Item		Number Mfr Item Name			Effec		ate V	Version	Manufacturing Site		Weight*	UOM	Unit Type
		NRVB1N	15817				2024-04-18	1				250.82	mg	Each
Manufacturing Process Information														
Terminal Plating / Grid Array Material Terminal Base Alloy J-STD-020 M					-STD-020 MS	L Rating	Peak Pr	rocess	Body Temperat	ure Max Time at Peak	Tempera	nture Number	of Reflow Cycles	
CU Alloy C 30 seconds 3														
Comments														
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										
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, cadmium, 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 contains 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 encompass all such components. Supplier certifies that it gathered 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 and belief, as of the date that Supplier completes this form. Supplier acknowledges that 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 may have relied on information provided by others in completing this form, and that Supplier may not have independently verified such information. However, in situations where Supplier has not independently verified information provided by others, Supplier agrees that, at a minimum, its provided certifications regarding their contributions to the part, and those certifications are at least as comprehensive as the certification in this paragraph. If the Company and the Supplier enter into 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 that agreement, will be the sole and exclusivesource of the Supplier's Isability and the Company's remedies for issues that arise regarding information the Supplier provides in this fo										
RoHS Declaration * 4 - Item(s	) does not contain RoHS restricted substance	s per the definition above except for selected exemp	tions Supplier Acceptance	* Accepted						
Exemption: 7a: Lead in high melting temperature type solders (i.e. lead based solder alloys containing 85% by weight or more lead).										
Exemption List Version	EL-2011/534/EU									
Declaration Signature										
Instructions: Complete all of the required fields on all pages of this form. Select the "Accepted" on the Supplier Acceptance drop-down. This will display the signature area. Digitally sign the declaration (if required by the Requester) and click on Submit Form to have the form returned to the Requester.										
Supplier Digital Signature Ra	astislav Drska	-En								

## **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.

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).

Homogeneous Material	Weight	Unit of Measure	Level	Substance	CAS	Exempt	Weight	Unit of Measure
Die	0.18	mg	Supplier	Silicon (Si)	7440-21-3		0.18	mg
Die Attach Solder	7.98	mg	Supplier	Silver (Ag)	7440-22-4		0.1995	mg
			A	Lead (Pb)	7439-92-1	7a	7.3815	mg
			Supplier	Tin (Sn)	7440-31-5		0.399	mg
Lead Frame	125.08	mg	Supplier	Copper (Cu)	7440-50-8		125.08	mg
Mold Compound-Black	116.8	mg		Metal Hydroxide	proprietary data		5.84	mg
			Supplier	Carbon Black (C)	1333-86-4		1.168	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		87.6	mg
			Supplier	Ortho-Cresol Novolac Resin	29690-82-2		11.68	mg
			Supplier	Phenolic Resin (Novolac)	9003-35-4		10.512	mg
Plating	0.78	mg	Supplier	Tin (Sn)	7440-31-5		0.78	mg