Supplier Information  Company name*	ite for Information on I w.ipc.org/IPC-175x		lard	Form Type * Distribute		claration Class * ss 6 - RoHS Yes/	No, Homogeneous Materia	als and Mfg Informati	on		
Company name*		Company uni							J11		
nsemi		Company uni									
		1 .	Company unique ID		Unique ID Authority			Response Date*			
Contact Name								2024-05-18			
	Contact Name Tit			Title - Contact		Phone - Contact*			Email - Contact*		
Product-Env-Stewards	Product Enviro Compliance			NA	NA			Product-Env-Stewards@onsemi.com			
authorized Representative*	Title - Representative			Phone - Repre	Phone - Representative*			Email - Representative*			
Product-Env-Stewards	Product Enviro Compliance			NA			Product-Env-Stewards@onsemi.com				
Requester Item Numbe	er Mfr Item	Mfr Item Number Mfr Item Name			Effective Date	Version	Manufacturing Site	Weight*	UOM	Unit Type	
	NRVS3N	ИВ	SR SMB GPPN 3A	1000V	2024-05-18		TSCBE	90.0004	mg	Each	
Manufacturing Process In		James in al Daga	Allow I C	TD-020 MSL Rating	Dools Duos	anna Rady Taman	ature Max Time at Peak	Tommoroturo Numb	on of Doflow Cv	alag	
		•		1D-020 MSL Rating	Peak Process Body Temperature Max Time at Pea  260 C 30						
	ileu (C	CU Alloy	1		200	<u> </u>	30	seconds 3			
omments	omnovotuvo duvina sal	doring is 10.2	0 seconds								
evel 1 - maximum time at peak to or more information regarding											

<b>RoHS Material Composition Declaration</b>			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), Diisobutyl phthalate (DIBP).								
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 suppliers have 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 in this form. In the absence of such written agreement, the warranty rights and/or remedies of Supplier's Standard Terms and Conditions of Sale applicable to such part shall apply.									
RoHS Declaration * 4 - Item(s	s) does not contain RoHS restricted substance	ces per the definition above except for selected exer	nptions 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: 7c-I Electrical and electronic components containing lead in a glass or ceramic other than dielectric ceramic in capacitors, e.g. piezoelectronic devices, or in a glass or ceramic matrix compound.									
Exemption List Version	EL-2011/534/EU								
Declaration Signature									
Instructions: Complete all of the required in Requester) and click on Submit Form to ha		"Accepted" on the Supplier Acceptance drop-do	wn. This will display the signature area. Digital	lly sign the declaration (if required by the					
Supplier Digital Signature R		,							

## **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
Clip	10.667	mg	Supplier	Copper (Cu)	7440-50-8		10.667	mg
Die	1.2132	mg	Supplier	Silicon (Si)	7440-21-3		1.0919	mg
			В	Nickel (Ni)	7440-02-0		0.0079	mg
			Supplier	Gold (Au)	7440-57-5		0.0018	mg
			Supplier	Lead Bisilicate	65997-18-4	7c	0.1116	mg
Die Attach Solder	2.3616	mg	Supplier	Silver (Ag)	7440-22-4		0.059	mg
			A	Lead (Pb)	7439-92-1	7a	2.1845	mg
			Supplier	Tin (Sn)	7440-31-5		0.1181	mg
Lead Frame	26.802	mg	Supplier	Iron (Fe)	7439-89-6		0.0322	mg
			Supplier	Copper (Cu)	7440-50-8		26.7618	mg
			Supplier	Phosphorus (P)	7723-14-0		0.008	mg
Mold Compound-Black	48.755	mg		Metal Hydroxide	proprietary data		1.7064	mg
			Supplier	Ortho Cresol Novolac Resin	29690-82-2		3.9004	mg
			Supplier	Carbon Black (C)	1333-86-4		0.2438	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		39.004	mg
			Supplier	Phenolic Resin (Novolac)	9003-35-4		3.9004	mg
Plating	0.2016	mg	Supplier	Tin (Sn)	7440-31-5		0.2016	mg