ASSOCIATION CONNECTING ELECTRONICS INDUSTRIES® INFORMATION	C. Bannock	burn. Illinois. A	ll rights reserved untions.	under both	This docum level parts, t	ent is a declar the declaratior	tion of the sencompass	substances es all lowe	within the er level mat	manufacture terials for wh	er listed ite nich the ma	m. Note: nufacture	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					eous Materia	als and Mfg Information				
Supplier Information															
Company name*	Company un	Company unique ID			Unique ID Authority					Response Date*					
onsemi							20				2022-02-1	2022-02-11			
ontact Name Title - Contact			ct		Phone - Contact*					Email - Contact*					
Product-Env-Stewards Product			oduct Enviro Compliance			NA				Product-Env-Stewards@onsemi.com					
Authorized Representative* Title			itle - Representative			Phone - Representative*				Email - Representative*					
Product-Env-Stewards	Product Enviro Compliance			NA				Product-Env-Stewards@onsemi.com							
Requester Item Number	Mfr Item Number		umber Mfr Item Name			Effective Da	e Versior	Version Manufacturing Site		ring Site	W	eight*	UOM	Unit Type	
	NRVTS G	NRVTS12100MFST1 Low Vf 12A, 10 G		OV Trench Scho	French Schotky 2				MY1		11	3.069	mg	Each	
Manufacturing Proccess Informat	ion														
Terminal Plating / Grid Array Ma	terial	al Terminal Base Alloy		J-STD-020 MSI	L Rating Pea		ak Process Body Temperature Max Time at Peak		ime at Peak	Temperature Number of Reflow Cycles					
Matte Tin (Sn) - annealed CU Alloy		CU Alloy		1		260		С	30		second	s <b>3</b>			
Comments															
level 1 - maximum time at peak temperatu	re during so	Idering is 10-3	0 seconds												
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		mium (Cr6+), Polybrominated Biphenyls (Pl		dmium and quantity limit of 0.1% by mass (10 minated Diphenyl Ethers (PBDE), and Bis(2-et						
cadmium, hexavalentchromium, polybromina contains a RoHS restricted substance inexces encompass all such components. Supplier cer as of the date that Supplier completes this for Company acknowledges that Supplier may h independently verified information provided certification in this paragraph. If the Company	ated biphenyls and/or polybrominated dip s of an applicable quantity limit, please in iffies that it gathered the information it pr m.Supplier acknowledges that Company ave relied on informationprovided by oth by others, Supplier agrees that, at a minir and the Supplier enter into a written agr esource of the Supplier's liability and the	henyl ethers (each a "RoHS restricted substa ndicate below which, if any, RoHS exemption ovides in this form using appropriate methoo will rely on this certification in determining ers in completing this form, and that Supplie num, itssuppliers have provided certification eement with respect to the identified part, the Company's remedies for issues that arise reg	nce") in exco n you believe ls to ensure i the compliar r may not ha s regarding t terms and co	e may apply. If the part is an assembly with low s accuracy and that such information is true an ce of its products with European Union member de independently verified such information. Ho neir contributions to the part, and those certifica	ove. If a homogeneous material within the part er level components, the declaration shall d correct to the best of its knowledge and belief, er state laws that implement the RoHS Directive. wever, in situations where Supplier has not ations are at least as comprehensive as the anty rights and/or remedies provided as part of					
RoHS Declaration * 4 - Item(	s) does not contain RoHS restricted subst	ances per the definition above except for sele	ected exempt	ions 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	astislav 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.

sigma range of distribution unless otherwise noted).										
Homogeneous Material	Weight	Unit of Measure	Level	Substance	CAS	Exempt	Weight	Unit of Measure		
Clip	4.8	mg	Supplier	Zinc (Zn)	7440-66-6		0.0058	mg		
			Supplier	Iron (Fe)	7439-89-6		0.1128	mg		
			Supplier	Copper (Cu)	7440-50-8		4.68	mg		
			Supplier	Phosphorus (P)	7723-14-0		0.0014	mg		
Die	0.713	mg	Supplier	Silicon (Si)	7440-21-3		0.713	mg		
Die Attach Solder	11.9	mg	Supplier	Silver (Ag)	7440-22-4		0.2975	mg		
			А	Lead (Pb)	7439-92-1	7a	11.0075	mg		
			Supplier	Tin (Sn)	7440-31-5		0.595	mg		
Lead Frame	47.57	mg	Supplier	Silver (Ag)	7440-22-4		0.0285	mg		
			Supplier	Iron (Fe)	7439-89-6		0.0476	mg		
			Supplier	Copper (Cu)	7440-50-8		47.4796	mg		
			Supplier	Phosphorus (P)	7723-14-0		0.0143	mg		
Mold Compound-Black	47.136	mg		Epoxy resin	proprietary data		3.5352	mg		
			Supplier	Phenolic Resin	Proprietary Data		1.1784	mg		
			Supplier	Silica Amorphous (SiO2)	7631-86-9		3.5352	mg		
			Supplier	Carbon Black (C)	1333-86-4		0.2357	mg		
			Supplier	Fused Silica (SiO2)	60676-86-0		38.6515	mg		
Plating	0.95	mg	Supplier	Tin (Sn)	7440-31-5		0.95	mg		

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).