ASSOCIATION CONNECTING LECTRONICS INDUSTRIES® International and Pan-	C, Bannockb	ourn, Illinois. A	Il rights reserved u ntions.	nder both	This docum level parts, t	ent is a declaration e	ion of the su encompasses	ibstances s all lowe	within the manufactu r level materials for w	rer listed	item. Note: manufacture	if the item is an as r has engineering	ssembly with lower responsibility.	
				Form Type Distribute	* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materi				ials and N	als and Mfg Information				
Supplier Information														
Company name* Co			Company unique ID			Unique ID Authority					Response Date*			
onsemi										2024-05-09				
Contact Name Title - Contact			ct		Phone - Contact*					Email - Contact*				
Product-Env-Stewards Product E			duct Enviro Compliance			NA				Product-Env-Stewards@onsemi.com				
Authorized Representative* Title - Re			e - Representative			Phone - Representative*			Email	Email - Representative*				
Product-Env-Stewards Pr			Product Enviro Compliance			NA				Produ	Product-Env-Stewards@onsemi.com			
Requester Item Number	quester Item Number Mfr Item N		Number Mfr Item Name			Effective Date	Version	1	Manufacturing Site		Weight*	UOM	Unit Type	
	NSV202	NSV20201LT1G 20V NPN LC		VCE(SAT) XTR		2024-05-09		(	CN1		8.13	mg	Each	
Manufacturing Proccess Informat	ion												·	
Terminal Plating / Grid Array Mat	Terminal Plating / Grid Array Material Terminal Base Allo		Alloy J	-STD-020 MSL	Rating	Peak Proc	ess Body Te	emperatu	re Max Time at Peak	Tempera	ature Num	ber of Reflow Cy	cles	
Matte Tin (Sn) - annealed CU Alloy		1	l		260		С	30	seco	nds 3				
Comments														
level 1 - maximum time at peak temperatu	re during sol	dering is 10-3	0 seconds											
For more information regarding material of	omposition	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 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 contain RoHS restricted substances per the definition above except for defined RoHS exemptions, then select the corresponding response in the RoHS Declaration above and choose all applicable exemptions.									
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.

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	0.16	mg	Supplier	Silicon (Si)	7440-21-3		0.16	mg	
Lead Frame	2.92	mg	Supplier	Silver (Ag)	7440-22-4		0.5198	mg	
			В	Nickel (Ni)	7440-02-0		0.9023	mg	
			Supplier	Iron (Fe)	7439-89-6		1.2468	mg	
			Supplier	Copper (Cu)	7440-50-8		0.2511	mg	
Mold Compound-Black	4.9	mg	Supplier	Ortho Cresol Novolac Resin	29690-82-2		0.49	mg	
			Supplier	Carbon Black (C)	1333-86-4		0.0245	mg	
			Supplier	Aluminum Hydroxide (Al(OH)3)	21645-51-2		0.7105	mg	
			Supplier	Fused Silica (SiO2)	60676-86-0		3.185	mg	
			Supplier	Phenolic Resin (Novolac)	9003-35-4		0.49	mg	
Plating	0.14	mg	Supplier	Tin (Sn)	7440-31-5		0.14	mg	
Wire Bond - Au	0.01	mg	Supplier	Gold (Au)	7440-57-5		0.01	mg	