ASSOCIATION CONNECTING ELECTRONICS INDUSTRIES® MALECTRONICS INDUSTRIES®	PC. Bannockl	ourn. Illinois. A	Il rights reserved untions.	under both	This docume level parts, t	ent is a declara	tion of the encompass	substances es all lowe	within the er level ma	e manufacture terials for wh	er listed it hich the m	em. Note anufactu	e: if the item arer has engin	is an assem neering resp	bly with lowe onsibility.
				Form Type Distribute	* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materials and					als and Mi	g Inform	nation			
Supplier Information															
Company name*			Company unique ID			Unique ID Authority					Response Date*				
onsemi										2023-06-08					
Contact Name Title - Contact				F			Phone - Contact*					Email - Contact*			
Product-Env-Stewards Product			luct Enviro Compliance			NA					Product-Env-Stewards@onsemi.com				
Authorized Representative* Title - R			- Representative			Phone - Representative*				Email - Representative*					
Product-Env-Stewards Product I			duct Enviro Compliance			NA				Product-Env-Stewards@onsemi.com					
Requester Item Number			Number Mfr Item Name			Effective Da	Date Version Manufacturing Site		ring Site	V	Veight*	UOM	1	Unit Type	
	NCV887	NCV887102D1R2G AUTOMOTIV		E-GRADE NON-SYNC		2023-06-08			PH1		7	2.0	mg		Each
Manufacturing Proccess Informa	tion												-		
Terminal Plating / Grid Array M	Terminal Plating / Grid Array Material Terminal Base Alloy			J-STD-020 MSL	MSL Rating Peak Process Body Temperature Max Time					'ime at Peak '	eak Temperature Number of Reflow Cycles				
Matte Tin (Sn) - annealed CU Alloy			1		260		С	30		second	ls 3				
omments															
evel 1 - maximum time at peak temperat	ire during so	ldering is 10-3	0 seconds												
or 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	(Pb), Mercury (Hg), Hexavalent Chror	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 that agreement, will be the sole and exclusives	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 cc for issues that arise regarding inform	ess of the applicable quantity limit identified above may apply. If the part is an assembly with low is accuracy and that such information is true and ce of its products with European Union membe we independently verified such information. How heir contributions to the part, and those certificat and those of that agreement, including any warra	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	ances per the definitio	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	ared 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 EL-2011/534/EU e 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 n Submit Form to have the form returned to the Requester.				
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.

sigma range of distribution unless	otherwise noted).							
Homogeneous Material	Weight	Unit of Measure	Level	Substance	CAS	Exempt	Weight	Unit of Measure
Die	1.33	mg	Supplier	Silicon (Si)	7440-21-3		1.33	mg
Die Attach	2.4	mg		Epoxy resin	proprietary data		0.24	mg
			Supplier	Ethylene dimethacrylate	97-90-5		0.12	mg
			Supplier	Silver (Ag)	7440-22-4		1.92	mg
			Supplier	Formaldehyde Polymer	9003-36-5		0.12	mg
Lead Frame	37.61	mg	Supplier	Silver (Ag)	7440-22-4		0.7898	mg
			Supplier	Zinc (Zn)	7440-66-6		0.0752	mg
			Supplier	Iron (Fe)	7439-89-6		0.9403	mg
			Supplier	Copper (Cu)	7440-50-8		35.8047	mg
Mold Compound-Black	28.58	mg		Epoxy resin	proprietary data		1.429	mg
			Supplier	Phenolic Resin	Proprietary Data		0.5716	mg
			Supplier	Ortho Cresol Novolac Resin	29690-82-2		0.7145	mg
			Supplier	Carbon Black (C)	1333-86-4		0.1429	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		25.722	mg
Plating	1.89	mg	Supplier	Tin (Sn)	7440-31-5		1.89	mg
Wire Bond - Au	0.19	mg	Supplier	Gold (Au)	7440-57-5		0.19	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).