ASSOCIATION CONNECTING ELECTRONICS INDUSTRIES INDUSTRIES	C, Bannockb	urn, Illinois. A	Il rights reserved untions.	inder both	This docum level parts,	ent is a declaration e	ion of the su encompasses	ibstances s all lowe	within the manufacture r level materials for w	rer listed	item. Note: i manufacture	f the item is an as r has engineering	sembly with lower responsibility.	
				Form Type Distribute	* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materia				ials and N	als and Mfg Information				
Supplier Information														
Company name*			Company unique ID			Unique ID Authority					Response Date*			
onsemi								2024-05-05						
Contact Name Title - Contact			ct		Phone - Contact*				Email - Contact*					
Product-Env-Stewards Product Envi			nviro Compliance			NA				Product-Env-Stewards@onsemi.com				
Authorized Representative* Title - Repre			resentative		Phone - Representative*			Email - Representative*						
Product-Env-Stewards Produc			Product Enviro Compliance			NA				Product-Env-Stewards@onsemi.com				
Requester Item Number	Jumber Mfr Item Number		mber Mfr Item Name			Effective Date	Version	1	Manufacturing Site		Weight*	UOM	Unit Type	
	NCV282	NCV2820MUTBG CLASS D AUI		O AMPLIFIER		2024-05-05		1	MY1		30.0	mg	Each	
Manufacturing Proccess Informati	on		·											
Terminal Plating / Grid Array Mate	Terminal Plating / Grid Array Material Terminal Base Alloy		Alloy	J-STD-020 MSL	Rating	Peak Proc	ess Body Te	emperatu	re Max Time at Peak	Tempera	ture Numb	per of Reflow Cy	cles	
Matte Tin (Sn) - annealed CU Alloy			1		260		С	30	seco	nds 3				
Comments														
level 1 - maximum time at peak temperatur	e during sol	dering is 10-3	0 seconds											
for more information regarding material co	omposition	please refer to	page 3											

RoHS Material Composition Declaration				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).											
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 v 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 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	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.

	cable [E] enter the weigh			ance category (JIG or Requester) or enter [F] Optionally enter the positive (+) and				
Homogeneous Material	Weight	Unit of Measure	Level	Substance	CAS	Exempt	Weight	Unit of Measure
Die	0.3	mg	Supplier	Silicon (Si)	7440-21-3		0.3	mg
Die Attach	0.79	mg	Supplier	Silver (Ag)	7440-22-4		0.5925	mg
			Supplier	Epoxy resins	129915-35-1		0.1975	mg
Lead Frame	12.41	mg	Supplier	Silver (Ag)	7440-22-4		2.4448	mg
			Supplier	Zinc (Zn)	7440-66-6		0.0124	mg
			Supplier	Iron (Fe)	7439-89-6		0.1861	mg
			Supplier	Copper (Cu)	7440-50-8		9.7667	mg
Mold Compound-Black	15.0	mg		Epoxy resin	proprietary data		1.05	mg
			Supplier	Phenolic Resin	Proprietary Data		1.05	mg
			Supplier	Silica Amorphous (SiO2)	7631-86-9		2.25	mg
			Supplier	Carbon Black (C)	1333-86-4		0.075	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		10.575	mg
Plating	0.6	mg	Supplier	Tin (Sn)	7440-31-5		0.6	mg
Wire Bond - Au	0.9	mg	Supplier	Gold (Au)	7440-57-5		0.9	mg