ASSOCIATION CONNECTING ELECTRONICS INDUSTRIES® International and	nposition De 5. IPC, Bannockt Pan-American co	claration ourn, Illinois. A opyright conver	Il rights reserved untions.	under both	This docume level parts, th	ent is a declaration he declaration en	n of the substanc compasses all lo	es within the manuf wer level materials f	acturer listed or which the	l item. Note: if manufacturer l	the item is an as has engineering	ssembly with low responsibility.	
				Form Type Distribute	* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Mater				aterials and	ials and Mfg Information			
upplier Information													
Company name* C			Company unique ID			Unique ID Authority				Response Date*			
onsemi										2025-06-08			
Contact Name Title - Con			- Contact			Phone - Contact*			Email	Email - Contact*			
Product-Env-Stewards Pro			Product Enviro Compliance			NA			Prod	Product-Env-Stewards@onsemi.com			
Authorized Representative* Title -			itle - Representative			Phone - Representative*			Email	Email - Representative*			
roduct-Env-Stewards	Product Envi	Product Enviro Compliance			NA			Prod	Product-Env-Stewards@onsemi.com				
Requester Item Number	Mfr Item	Number	Mfr Item Name			Effective Date	Version	Manufacturing Site		Weight*	UOM	Unit Type	
	1N52211	5221B 2.4V 5% 500MV		Zener		2025-06-08		CN2		109.66989	mg	Each	
Ianufacturing Proccess Inform	nation												
Terminal Plating / Grid Array	Terminal Plating / Grid Array Material Terminal Ba		Alloy J-STD-020 MSL		Rating	Peak Process Body Temperate		ture Max Time at	Peak Temper	rature Numbe	r of Reflow Cy	cles	
Matte Tin (Sn) - annealed		CU Alloy NA		NA		0 C		30	sec	onds 3			
omments													
or more information regarding mater	rial composition	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, polybromina contains a RoHS restricted substance inexcess encompass all such components.Supplier cert as of the date that Supplier completes this for Company acknowledges that Supplier may ha independently verified information provided certification in this paragraph.If the Company	ted biphenyls and/or polybrominated dip of an applicable quantity limit, please in ifies that it gathered the information it pr m.Supplier acknowledges that Company ve relied on informationprovided by oth by others, Supplier agrees that, at a minir and the Supplier enter into a written agr source of the Supplier's liability and the	henyl ethers (each a "RoHS restricted subs ndicate below which, if any, RoHS exempt ovides in this form using appropriate meth will rely on this certification in determinin ers in completing this form, and that Suppl num, itssuppliers have provided certificatio eement with respect to the identified part,t Company's remedies for issues that arise r	stance") in exce ion you believe ods to ensure i g the compliar ier may not ha ons regarding t he terms and co	ropean Union member states) of the part identifiess of the applicable quantity limit identified able 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 member independently verified such information. How heir contributions to the part, and those certifica onditions of that agreement, including any warra nation the Supplier provides in this form. In the	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 inty 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 se	elected exempt	ions Supplier Acceptance	* Accepted					
Exemption: 7c-I Electrical and electronic c	omponents containing lead in a glass o	r ceramic other than dielectric ceramic	in capacitors,	e.g. piezoelectronic devices, or in a glass or c	eramic matrix compound.					
Exemption List Version	EL-2011/534/EU									
Declaration Signature										
Instructions: Complete all of the required Requester) and click on Submit Form to ha			ice drop-dowi	n. This will display the signature area. Digital	ly sign the declaration (if required by the					
Supplier Digital Signature R	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.

Homogeneous Material	Weight	Unit of Measure	Level	Substance	CAS	Exempt	Weight	Unit of Measure
CSS Wire	75.0	mg	Supplier	Iron (Fe)	7439-89-6		63.75	mg
			Supplier	Copper (Cu)	7440-50-8		11.25	mg
Die	0.024358	mg	Supplier	Titanium (Ti)	7440-32-6		0	mg
			Supplier	Silver (Ag)	7440-22-4		0.0115	mg
			Supplier	Silicon (Si)	7440-21-3		0.0127	mg
			В	Nickel (Ni)	7440-02-0		0.0001	mg
Dumet Wire	8.5	mg	Supplier	Manganese (Mn)	7439-96-5		0.085	mg
			Supplier	Silicon (Si)	7440-21-3		0.0595	mg
			В	Nickel (Ni)	7440-02-0		2.6775	mg
			Supplier	Iron (Fe)	7439-89-6		3.6805	mg
			Supplier	Copper (Cu)	7440-50-8		1.9975	mg
Glass Encapsulation	23.5	mg	Supplier	Boron Trioxide (B2O3)	1303-86-2		0.705	mg
			А	Lead Oxide (PbO)	1317-36-8	7c	14.382	mg
			В	Antimony Trioxide (Sb2O3)	1309-64-4		0.0118	mg
			Supplier	Potassium Monoxide (K2O)	12136-45-7		0.8813	mg
			Supplier	Silica Crystalline (SiO2)	14808-60-7		7.52	mg
Marking Ink	0.01953	mg	Supplier	Titanium Dioxide (TiO2)	13463-67-7		0.004	mg
			Supplier	Formaldehyde, polymer with 4,4-(1- methylethylidene)bisphenol	25085-75-0		0.0052	mg
			Supplier	Proprietary	Proprietary Data		0.0009	mg
			Supplier	Silica Amorphous (SiO2)	7631-86-9		0.001	mg
			Supplier	Carbon Black (C)	1333-86-4		0.0013	mg
			Supplier	Diethylene glycol 2-ethyhexyl-ether	1559-36-0		0.0025	mg
			Supplier	Amino Resin	68002-20-0		0.0033	mg
			Supplier	2,2,4-Trimethyl-1,3-pentanediol di is Obutyrate	6846-50-0		0.0013	mg
Plating	2.626	mg	Supplier	Tin (Sn)	7440-31-5		2.626	mg