ASSOCIATION CONNECTING ELECTRONICS INDUSTRIES® INTERNATIONAL AND PARTICLE INDUSTRIES	PC. Bannockt	ourn. Illinois. A	ll rights reserved un ntions.	nder both	This docum level parts, t	ent is a declaration er	on of the substan	nces within the manufactu ower level materials for w	rer listed in the rest of the	item. Note: if manufacturer h	the item is an as	ssembly with lower responsibility.
				Form Type Distribute	*	Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materials and Mfg Information						
Supplier Information												
Company name* Company unique ID						Unique ID Authority			Response Date*			
onsemi							2025-05-05					
Contact Name Title - Contact			et			Phone - Contact* Email - Contact*						
Product-Env-Stewards Product Env			ro Compliance	NA			Product-Env-Stewards@onsemi.com					
Authorized Representative* Title - Represent			sentative		Phone - Representative* Email - Representative*							
Product-Env-Stewards Product H			ro Compliance		NA Product-Env-Stewards@onsemi.com			m				
Requester Item Number	Requester Item Number Mfr Item Number		iber Mfr Item Name			Effective Date	Version	Manufacturing Site		Weight*	UOM	Unit Type
	E8310-0	310-0-101A49-AG E8310 Hybrid				2025-05-05		CA1	CA1		mg	Each
Manufacturing Proccess Informa	tion											
Terminal Plating / Grid Array Material Terminal Base Alloy J-ST			-STD-020 MSL	Rating	Peak Proce	ss Body Tempe	rature Max Time at Peak	c Tempera	ture Number	r of Reflow Cy	cles	
SnAgCu	(CU Alloy	3	}		260	С	30	secoi	nds 3		
Comments												
ATTENTION: MSL 3 Rated item require	s Bake and D	ry Pack (after	electrical test)									
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		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	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	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.

Homogeneous Material	Weight	Unit of Measure	Level	Substance	CAS	Exempt	Weight	Unit of Measure
Capacitor	0.113	mg	Supplier	Silicon Dioxide	7631-86-9		0.002	mg
		-	Supplier	Titanium Dioxide (TiO2)	13463-67-7		0.023	mg
			Supplier	Boron Trioxide (B2O3)	1303-86-2		0.0005	mg
			Supplier	Tin (Sn)	7440-31-5		0.0063	mg
			Supplier	Misc.	Proprietary Data		0.0077	mg
			Supplier	Barium Monoxide (BaO)	1304-28-5		0.0461	mg
			В	Nickel (Ni)	7440-02-0		0.0044	mg
			Supplier	Copper (Cu)	7440-50-8		0.023	mg
Die	3.085044	mg	Supplier	Silicon (Si)	7440-21-3		3.085	mg
Laminate Board	7.4432	mg		Lead Compound	n/a		0.0003	mg
		-	Supplier	Organic Compound	Proprietary Data		0.0703	mg
			Supplier	Organic Acid Salt	N/A		0.0057	mg
			Supplier	Inorganic Acid Salt	N/A		0.35	mg
			Supplier	Glass Cloth	65997-17-3		1.0662	mg
			Supplier	D.I. Water	7732-18-5		0.746	mg
			Supplier	copper foil	N/A		1.0567	mg
			Supplier	Organic Filler	N/A		0.0328	mg
			Supplier	Gold Potassium Cyanide	13967-50-5		0.1675	mg
			Supplier	Thermosetting resin	Proprietary Data		1.431	mg
			Supplier	Antifoamer and Leveling agent	Proprietary Data		0.0213	mg
			Supplier	Organic pigment	Proprietary Data		0.0025	mg
			Supplier	Phthalocyanine blue	147-14-8		0.0025	mg
			Supplier	Talc	14807-96-6		0.0459	mg
			Supplier	Zinc (Zn)	7440-66-6		0.0004	mg
			Supplier	Silica Amorphous (SiO2)	7631-86-9		0.0164	mg
			Supplier	Chromium (Cr)	7440-47-3		0.0001	mg
			В	Nickel (Ni)	7440-02-0		0.0002	mg
			Supplier	Cured Resin of Solder Mask	Proprietary Data		1.0087	mg
			Supplier	Copper (Cu)	7440-50-8		0.9114	mg
			Supplier	Barium Sulfate (BaSO4)	7727-43-7		0.5076	mg
Iold Compound-Black	30.8	mg		Epoxy resin	proprietary data		2.464	mg
		6	Supplier	Phenol Resin	Proprietary Data		1.54	mg

			Supplier	Metal Hydroxide	Proprietary Data	0.308	mg
			Supplier	Silica Amorphous (SiO2)	7631-86-9	7.7	mg
			Supplier	Carbon Black (C)	1333-86-4	0.308	mg
			Supplier	Fused Silica (SiO2)	60676-86-0	18.48	mg
Solder Paste	1.6942	mg	Supplier	2-(2-Hexyloxyethoxy) ethanol	112-59-4	0.0678	mg
			Supplier	Denatured Acid Hydrogenation Rosin	Proprietary	0.0678	mg
			Supplier	Dimer Acid	Proprietary	0.0339	mg
			Supplier	Silver (Ag)	7440-22-4	0.0508	mg
			Supplier	Tin (Sn)	7440-31-5	1.457	mg
			Supplier	Copper (Cu)	7440-50-8	0.0169	mg
Wire Bond - Au	0.6612	mg	Supplier	Gold (Au)	7440-57-5	0.6612	mg