ASSOCIATION CONNECTING ASSOCIATION CONNECTING ELECTRONICS INDUSTRIES® international and Par	PC. Bannock	burn. Illinois. A	ll rights reserved untions.	under both	This docume level parts, t	ent is a declaration he declaration er	on of the su compasses	bstances v all lower	vithin the manufactur level materials for w	er listed i hich the n	tem. Note: nanufacture	if the item is an as er has engineering	sembly with low responsibility.
			Form Type Distribute	*	Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materials and Mfg Information								
upplier Information													
Company name* Comp			y unique ID			Unique ID Authority				Response Date*			
onsemi						2024-05-19							
Contact Name Title - Contact			et			Phone - Contact*				Email - Contact*			
Product-Env-Stewards Pro			Product Enviro Compliance			NA			Product-Env-Stewards@onsemi.com				
Authorized Representative* Ti			- Representative			Phone - Representative*			Email -	Email - Representative*			
roduct-Env-Stewards	Product Envi	luct Enviro Compliance NA Product-Env-Stewards@or				wards@onsemi.co	@onsemi.com						
Requester Item Number Mfr Item		n Number Mfr Item Name			Effective Date	Version	М	Manufacturing Site		Weight*	UOM	Unit Type	
	AR0132 A0-DPE	D132AT6C00XPE 1.2 MP 1/3 CIS DPBR				2024-05-19		T	TWU		198.94	mg	Each
Ianufacturing Proccess Informa	tion												
Terminal Plating / Grid Array Material Terminal Base Alloy J-ST			J-STD-020 MSI	L Rating	Peak Proce	ss Body Te	emperature	e Max Time at Peak	Temperat	ure Num	ber of Reflow Cyc	les	
SnAgCu CU Alloy 3			3		260		С	30	secon	ds 3			
omments													
TTENTION: MSL 3 Rated item require	es Bake and I	Ory Pack (after	electrical test)										
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		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
Die	46.746	mg		Misc.	proprietary data		0.1776	mg
			Supplier	Silicon (Si)	7440-21-3		46.1056	mg
			Supplier	Aluminum (Al)	7429-90-5		0.4628	mg
Die Attach	2.852	mg		Bismaleimide Monomer	proprietary data		1.098	mg
			Supplier	POLY(ETHYLENE GLYCOL) PHENYL ETHER ACRYLATE	56641-05-5		0.0143	mg
			Supplier	2,2-Bis(4-hydroxyphenyl)propane- epichlorohydrin copolymer acrylate	55818-57-0		0.2852	mg
			Supplier	Bis(4-tert-butylcyclohexyl) peroxydicarbonate	15520-11-3		0.0143	mg
			Supplier	2,2-dimethyl-1,3-propanediyl dimethacrylate	1985-51-9		0.2852	mg
			Supplier	2-phenoxy ethyl acrylate	48145-04-6		0.2852	mg
			Supplier	Bisphenol A_Epichlorohydrin Polymer	25068-38-6		0.0143	mg
			Supplier	Other Additive Agents	Proprietary Data		0.5704	mg
			Supplier	Formaldehyde Polymer	9003-36-5		0.2852	mg
Ероху	0.0	mg	Supplier	Imidazole Addition	68490-66-4		0	mg
			Supplier	Bisphenol A_Epichlorohydrin Polymer	25068-38-6		0	mg
			Supplier	Zirconium Dioxide (ZrO2)	1314-23-4		0	mg
			Supplier	Silica Amorphous (SiO2)	7631-86-9		0	mg
			Supplier	Formaldehyde Polymer	9003-36-5		0	mg
Imaging Lens	29.239	mg	Supplier	Titanium Dioxide (TiO2)	13463-67-7		1.5388	mg
			Supplier	Sodium Monoxide (Na2O)	1313-59-3		1.5388	mg
			Supplier	Zinc Monoxide (ZnO)	1314-13-2		1.5388	mg
			В	Antimony Trioxide (Sb2O3)	1309-64-4		0.1541	mg
			Supplier	Aluminum Trioxide (Al2O3)	1344-28-1		1.5388	mg
			Supplier	Potassium Monoxide (K2O)	12136-45-7		1.5388	mg
			Supplier	Silica Crystalline (SiO2)	14808-60-7		21.3907	mg
Lid Attach	1.459	mg	Supplier	2,2-Bis(glycidyloxyphenyl)propane polymer	25085-99-8		0.3647	mg
			Supplier	3,4-EPOXYCYCLOHEXYLMETHYL	2386-87-0		1.0578	mg
			Supplier	Misc.	Proprietary Data		0.0365	mg
Mold Compound	43.49	mg		Epoxy resin	proprietary data		10.7855	mg

			Supplier	Other Additive Agents	Proprietary Data	1.3917	mg
			Supplier	Silica Amorphous (SiO2)	7631-86-9	4.349	mg
			Supplier	Fused Silica (SiO2)	60676-86-0	25.6591	mg
			Supplier	Silica Crystalline (SiO2)	14808-60-7	1.3047	mg
Solder Ball	35.868	mg	Supplier	Silver (Ag)	7440-22-4	1.076	mg
			Supplier	Tin (Sn)	7440-31-5	34.6126	mg
			Supplier	Copper (Cu)	7440-50-8	0.1793	mg
Solder Mask	4.22	mg		Epoxy resin	proprietary data	0.5064	mg
			Supplier	Acrylate	Proprietary Data	1.612	mg
			Supplier	Talc	14807-96-6	0.1139	mg
			Supplier	Miscellaneous	Trade Secret	0.1561	mg
			Supplier	Barium Sulfate (BaSO4)	7727-43-7	1.8315	mg
Substrate Copper Foil	3.09	mg	Supplier	Copper (Cu)	7440-50-8	3.09	mg
Substrate - Core Material	16.24	mg		Epoxy resin	proprietary data	3.5192	mg
			Supplier	Fiber Glass (SiO2)	65997-17-3	12.7208	mg
Substrate Plating-Au	0.29	mg	Supplier	Gold (Au)	7440-57-5	0.29	mg
Substrate Plating-Cu	14.49	mg	Supplier	Copper (Cu)	7440-50-8	14.49	mg
Substrate Plating-Ni	0.67	mg	В	Nickel (Ni)	7440-02-0	0.67	mg
Wire Bond - Au	0.286	mg	Supplier	Gold (Au)	7440-57-5	0.286	mg