ASSOCIATION CONNECTING ELECTRONICS INDUSTRIES® International and Par	PC. Bannock	burn. Illinois. A	ll rights reserved utions.	under both	This docume level parts, th	ent is a declaration er	on of the su	bstances w all lower	vithin the manufactu level materials for w	rer listed it which the m	em. Note: i anufacture	if the item is an as r 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* Co			mpany unique ID			Unique ID Authority				Respons	Response Date*			
nsemi						2024-04-19								
Contact Name Title - Contact			et]	Phone - Contact* Email - Contact*								
Product-Env-Stewards Prod			oduct Enviro Compliance			NA			Product-Env-Stewards@onsemi.com					
uthorized Representative*		Title - Repres	sentative	tative Phone - Representative* Email - Representative*			ative*							
Product-Env-Stewards Pr			ro Compliance			NA Product-Env-Stewards@onsemi.com					m			
Requester Item Number	Requester Item Number Mfr Item Num		nber Mfr Item Name			Effective Date	Version	М	Manufacturing Site		Weight*	UOM	Unit Type	
		AS0140AT2C00XUS 1MP 1/4 CIS SOC M0-DPBR		С		2024-04-19		MY5		1	93.89	mg	Each	
Ianufacturing Proccess Informa	tion													
Terminal Plating / Grid Array Material Terminal Base Alloy J-STD-020 MS					Rating	Peak Proce	ss Body Te	mperature	Max Time at Peak	Temperat	ure Numl	ber of Reflow Cyc	les	
SnAgCu		CU Alloy		3		260		С	30	secon	ds 3			
omments														
TTENTION: MSL 3 Rated item require	s Bake and I	Dry 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 cc 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	19.82	mg	Supplier	Silicon (Si)	7440-21-3	1	19.82	mg
Die Attach	1.15	mg		Epoxy resin	proprietary data		0.0575	mg
			Supplier	4-Methylhexahydrophthalsureanhydrid	19438-60-9		0.0057	mg
			Supplier	Titanium triisostearoylisopropoxide	61417-49-0		0.0575	mg
			Supplier	2,2-dimethyl-1,3-propanediyl dimethacrylate	1985-51-9		0.0575	mg
			Supplier	2-(3,4- Epoxycyclohexyl)ethyltrimethoxysilane	3388-04-3		0.0575	mg
			Supplier	Bisphenol A_Epichlorohydrin Polymer	25068-38-6		0.0057	mg
			Supplier	1,4-Bis(2,3-epoxypropoxy)butane	2425-79-8		0.0575	mg
			Supplier	Isobornyl Acrylate	5888-33-5		0.0575	mg
			Supplier	Aluminum Trioxide (Al2O3)	1344-28-1		0.7935	mg
Ероху 1.0	1.08	mg	Supplier	Imidazole Addition	68490-66-4		0.324	mg
			Supplier	Bisphenol A_Epichlorohydrin Polymer	25068-38-6		0.108	mg
			Supplier	Zirconium Dioxide (ZrO2)	1314-23-4		0.108	mg
			Supplier	Silica Amorphous (SiO2)	7631-86-9		0.108	mg
			Supplier	Formaldehyde Polymer	9003-36-5		0.432	mg
Imaging Lens	29.9	mg	Supplier	Sulfur (S)	7704-34-9		0.1495	mg
			Supplier	Titanium Dioxide (TiO2)	13463-67-7		1.6146	mg
			Supplier	Sodium Monoxide (Na2O)	1313-59-3		1.6445	mg
			Supplier	Boron Trioxide (B2O3)	1303-86-2		1.6146	mg
			Supplier	Zinc Monoxide (ZnO)	1314-13-2		1.6146	mg
			Supplier	Aluminum Trioxide (Al2O3)	1344-28-1		1.6146	mg
			Supplier	Calcium Monoxide (CaO)	1305-78-8		0.1495	mg
			Supplier	Potassium Monoxide (K2O)	12136-45-7		1.6146	mg
			Supplier	Silica Crystalline (SiO2)	14808-60-7		19.8835	mg
Mold Compound	31.52	mg	Supplier	Triphenylphosphine	603-35-0		0.1576	mg
			Supplier	Trimethoxysilylpropanethiol	4420-74-0		0.1576	mg
			Supplier	Oxirane	39817-09-9		6.304	mg
			Supplier	Silica Amorphous (SiO2)	7631-86-9		6.304	mg
			Supplier	Misc.	Proprietary Data		1.576	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		15.4448	mg

			Supplier	Silica Crystalline (SiO2)	14808-60-7	1.576	mg
Solder Ball	44.2	mg	Supplier	Silver (Ag)	7440-22-4	1.326	mg
			Supplier	Tin (Sn)	7440-31-5	42.653	mg
			Supplier	Copper (Cu)	7440-50-8	0.221	mg
Substrate and Solder Mask	65.98	mg		Epoxy resin	proprietary data	49.8149	mg
			Supplier	Phosphinoxide Derivative	Proprietary Data	0.9897	mg
			Supplier	4,4'-Bis(2,3-epoxypropoxy)-3,3',5,5'- tetramethylbiphenyl	85954-11-6	1.3196	mg
			Supplier	Inorganic Filler of Solder Mask_Talc (Mg3Si4O10(OH)2)	14807-96-6	0.9897	mg
			Supplier	Fused Silica (SiO2)	60676-86-0	10.8867	mg
			Supplier	Barium Sulfate (BaSO4)	7727-43-7	1.9794	mg
Wire Bond - Au	0.24	mg	Supplier	Gold (Au)	7440-57-5	0.24	mg