ASSOCIATION CONNECTING ELECTRONICS INDUSTRIES® international and Par	PC. Bannock	burn, Illinois, A	Il rights reserved nations.	under both	This docume level parts, t	ent is a declaration er	on of the su	bstances v all lower	vithin the manufactu level materials for w	rer listed i hich the n	tem. Note: nanufacture	if the item is an as or has engineering	sembly with low responsibility.
				Form Type Distribute	* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materials a					ials and M	fg Informa	tion	
upplier Information													
Company name* Company unique ID					Unique ID Authority					Response Date*			
nsemi										2024-04	-17		
Contact Name	me Title - Contact					Phone - Contact*				Email - Contact*			
Product-Env-Stewards Product Enviro			ro Compliance			NA				Product-Env-Stewards@onsemi.com			
uthorized Representative* Title - Representa		entative		Phone - Representative*			Email - Representative*						
Product-Env-Stewards Product Enviro Compliance					NA					Product-Env-Stewards@onsemi.com			
Requester Item Number	Mfr Iten	n Number	Mfr Item Name			Effective Date	Version	М	Manufacturing Site		Weight*	UOM	Unit Type
	AP0201 A0-TR	AP0201AT2L00XEG 2MP CO-PROCESS A0-TR		ESSOR		2024-04-17 MY5		¥5	91.24		mg	Each	
Aanufacturing Proccess Information	tion												
Terminal Plating / Grid Array Ma	ting / Grid Array Material Terminal Base Alloy		Alloy	J-STD-020 MSI	L Rating	Peak Proce	Process Body Temperature Max Time at Peak		Temperat	ure Num	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	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 bhthalate (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	ances per the definitio	on above	Supplier Acceptance	* Accepted					
Exemption: If the declared item does not contain RoHS restricted substances per the definition above except for defined RoHS exemptions, then select the corresponding response in the RoHS Declaration above and choose all applicable exemptions.										
Exemption List Version	EL-2011/534/EU									
Declaration Signature										
Instructions: Complete all of the required fields on all pages of this form. Select the "Accepted" on the Supplier Acceptance drop-down. This will display the signature area. Digitally sign the declaration (if required by the Requester) and click on Submit Form to have the form returned to the Requester.										
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	8.58	mg		Misc.	proprietary data		0.0249	mg
			Supplier	Silicon (Si)	7440-21-3		8.5465	mg
			Supplier	Aluminum (Al)	7429-90-5		0.0086	mg
Die Attach Epoxy	0.9	mg	Supplier	Bisphenol A_Epichlorohydrin Polymer	25068-38-6		0.009	mg
			Supplier	Filler (SiO2)	68909-20-6		0.36	mg
			Supplier	3-Methacryloxypropyltrimethoxysilane (C10H20O5Si)	2530-85-0		0.009	mg
			Supplier	Silica Amorphous (SiO2)	7631-86-9		0.162	mg
			Supplier	Ortho-Cresol Novolac Resin	29690-82-2		0.36	mg
Mold Compound-Black	33.58	mg		Epoxy resin	proprietary data		1.5111	mg
			Supplier	Phenolic Resin	Proprietary Data		1.5111	mg
			Supplier	Carbon Black (C)	1333-86-4		0.1007	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		30.4571	mg
Solder Ball	10.5	mg	Supplier	Silver (Ag)	7440-22-4		0.315	mg
			Supplier	Tin (Sn)	7440-31-5		10.1325	mg
			Supplier	Copper (Cu)	7440-50-8		0.0525	mg
Substrate	20.0	mg		Epoxy resin	proprietary data		2.94	mg
			Supplier	Boehmit (Al(OH)O)	1318-23-6		6.1	mg
			Supplier	Fiber Glass (SiO2)	65997-17-3		4.6	mg
			Supplier	Silica Amorphous (SiO2)	7631-86-9		0.36	mg
			Supplier	Misc.	Proprietary Data		1.7	mg
			Supplier	Polycarbonite	80-05-7		0.2	mg
			Supplier	Bismaleimide Triazine resin	Proprietary Data		4.1	mg
Substrate and Solder Mask	2.48	mg	Supplier	Talc	14807-96-6		0.0893	mg
			Supplier	Epoxy Resin	26875-67-2		1.5277	mg
			Supplier	Silica Amorphous (SiO2)	7631-86-9		0.0248	mg
			Supplier	Misc.	Proprietary Data		0.067	mg
			Supplier	Barium Sulfate (BaSO4)	7727-43-7		0.7713	mg
ubstrate Copper Foil	8.66	mg	Supplier	Copper (Cu)	7440-50-8		8.66	mg
ubstrate Plating-Au	1.18	mg	Supplier	Gold (Au)	7440-57-5		1.18	mg
Substrate Plating-Cu	1.05	mg	Supplier	Copper (Cu)	7440-50-8		1.05	mg
Substrate Plating-Ni	3.36	mg	В	Nickel (Ni)	7440-02-0		3.36	mg

Wire Bond - Au 0.95 mg Supplier Gold (Au) 7440-57-5 0.95	mg
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