ASSOCIATION CONNECTING ELECTROMICS INDUSTRIES® international and Pan-	C. Bannockl	ourn, Illinois, A	ll rights reserved ntions.	under both	This docume level parts, t	ent is a declaration entite decl	on of the su compasses	bstances v s all lower	vithin the manufactu level materials for v	rer listed in the rest of the	tem. Note: nanufacture	if the item is an as er has engineering	sembly with low responsibility.
752-21.1 IPC Web Site for Information on IPC-1752 Standard Form Typ http://www.ipc.org/IPC-175x Distribute				*	Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materials and Mfg Information								
upplier Information													
Company name* Company unique ID					Unique ID Authority			Response Date*					
nsemi										2024-04	-20		
ontact Name Title - Contact					Phone - Contact*				Email - Contact*				
Product-Env-Stewards Product Env			ro Compliance	npliance			NA			Product-Env-Stewards@onsemi.com			
Authorized Representative* Title - Repr			sentative	Phone - Representative* Email - Representa			sentative*						
Product-Env-Stewards Produ			ro Compliance	ompliance NA Product-Env-Stewards@d				wards@onsemi.co	ls@onsemi.com				
Requester Item Number	Requester Item Number Mfr Item Nu		Number Mfr Item Name			Effective Date	Version	М	Manufacturing Site		Weight*	UOM	Unit Type
	AP0202 A0-DR	D202AT2L00XPG 2MP CO-PROCESSO		ESSOR		2024-04-20		М	MY5		91.24	mg	Each
Ianufacturing Proccess Informat	ion												
Terminal Plating / Grid Array Material Terminal Base Alloy J-STI			J-STD-020 MSI	L Rating	Peak Proce	ss Body Te	emperature	e Max Time at Peal	c Tempera	ture Num	ber of Reflow Cyc	les	
SnAgCu CU Alloy 3				3		260		С	30	secoi	nds 3		
omments													
<b>TTENTION: MSL 3 Rated item requires</b>	Bake and I	Dry Pack (after	electrical test)										
or more information regarding material c	omposition	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	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	0.9	mg		Bismaleimide Monomer	proprietary data		0.3465	mg
			Supplier	POLY(ETHYLENE GLYCOL) PHENYL ETHER ACRYLATE	56641-05-5		0.0045	mg
			Supplier	2,2-Bis(4-hydroxyphenyl)propane- epichlorohydrin copolymer acrylate	55818-57-0		0.09	mg
			Supplier	Bis(4-tert-butylcyclohexyl) peroxydicarbonate	15520-11-3		0.0045	mg
			Supplier	2,2-dimethyl-1,3-propanediyl dimethacrylate	1985-51-9		0.09	mg
			Supplier	2-phenoxy ethyl acrylate	48145-04-6		0.09	mg
			Supplier	Bisphenol A_Epichlorohydrin Polymer	25068-38-6		0.0045	mg
			Supplier	Other Additive Agents	Proprietary Data		0.18	mg
			Supplier	Formaldehyde Polymer	9003-36-5		0.09	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
Substrate Copper Foil	8.66	mg	Supplier	Copper (Cu)	7440-50-8	8.66	mg
Substrate 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