©	Iaterial Composit Copyright 2005. IPC, ternational and Pan-An	Bannockb	urn, Illinois. A	ll rights reserved utions.	under both	This docume level parts, t	ent is a declarat he declaration e	on of the su	ubstances v s all lower	within the manufactule level materials for w	urer listed i which the r	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 Materia					als and Mfg Information			
Supplier Informatio)n														
Company name*			Company unique ID			1	Unique ID Authority				Respon	Response Date*			
onsemi											2024-04	2024-04-26			
Contact Name			Title - Contact]	Phone - Contact*				Email -	Email - Contact*			
Product-Env-Stewards			Product Enviro Compliance				NA				Produc	Product-Env-Stewards@onsemi.com			
Authorized Representative*			Title - Representative]	Phone - Representative*				Email -	Email - Representative*			
Product-Env-Stewards			Product Enviro Compliance				NA				Produc	Product-Env-Stewards@onsemi.com			
Requester Iter	equester Item Number Mfr Iten		m Number Mfr Item Name				Effective Date	Date Version Manufacturing Site			Weight*	UOM	Unit Type		
		AP0100AT2L00XUG 1 MP A0-TR		1 MP Co-Processor		2024-04-26		М	MY5		89.81	mg	Each		
Ianufacturing Pro	ccess Information	1													
Terminal Plating / Grid Array Material Terr		erminal Base Alloy J-STD-020 MS		L Rating	Peak Proc	Peak Process Body Temperatu		ure Max Time at Peak Temper		ture Num	ber of Reflow Cyc	eles			
SnAgCu C		CU Alloy 3			260 C		С	30 seco		seconds 3					
omments															
TTENTION: MSL 3 R	ated item requires Ba	ke and D	ry Pack (after	electrical test)											
or more information re	garding material com	position	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 phthalate (BBP), Dibutyl phthalate (DBP), Dibutyl 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	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	6.61	mg		Misc.	proprietary data		0.0192	mg
			Supplier	Silicon (Si)	7440-21-3		6.5842	mg
			Supplier	Aluminum (Al)	7429-90-5		0.0066	mg
Die Attach	0.66	mg	Supplier	Epoxy resins	129915-35-1		0.0627	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		0.1947	mg
			Supplier	Acrylic resins	Proprietary Data		0.0957	mg
			Supplier	Polyimide	Proprietary Data		0.1947	mg
			Supplier	Modified Silicon Dioxide (SiO2)	67762-90-7		0.1122	mg
Mold Compound-Black	43.67	mg		Phenolic Resin	proprietary data		2.0743	mg
			Supplier	Epoxy Phenol Resin	Proprietary Data		2.1835	mg
			Supplier	Carbon Black (C)	1333-86-4		0.1092	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		39.303	mg
Solder Ball	10.46	mg	Supplier	Silver (Ag)	7440-22-4		0.3138	mg
			Supplier	Tin (Sn)	7440-31-5		10.0939	mg
			Supplier	Copper (Cu)	7440-50-8		0.0523	mg
Substrate and Solder Mask	27.33	mg	Supplier	Fiber Glass (SiO2)	65997-17-3		5.7912	mg
			Supplier	Inorganic Filler of Solder Mask_Talc (Mg3Si4O10(OH)2)	14807-96-6		0.358	mg
			Supplier	Silica Amorphous (SiO2)	7631-86-9		0.0875	mg
			Supplier	Acetophenone Derivative	Proprietary Data		0.5357	mg
			Supplier	Carbon Black (C)	1333-86-4		0.0902	mg
			Supplier	2,4-Diethyl-9H-thioxanthen-9-one (DETX)	82799-44-8		0.0902	mg
			Supplier	Bismaleimide Triazine resin	Proprietary Data		3.5748	mg
			Supplier	Formaldehyde Polymer	9003-36-5		1.0713	mg
			Supplier	Copper (Cu)	7440-50-8		12.9599	mg
			Supplier	Barium Sulfate (BaSO4)	7727-43-7		2.7713	mg
Wire Bond - Au	1.08	mg	Supplier	Gold (Au)	7440-57-5		1.08	mg