ASSOCIATION CONNECTING	Material Composit © Copyright 2005. IPC, international and Pan-Ar	Bannockb	urn, Illinois. A	ll rights reserved untions.	nder both	This docum level parts, t	ent is a declaration	ion of the s encompasse	ubstances s all lower	within the manufactur level materials for w	rer listed i hich the 1	tem. Note: if nanufacturer	f the item is an as has engineering	sembly with lower responsibility.
1752-21.1					Form Type Distribute	* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materi				als and Mfg Information				
Supplier Informa	ation													
Company name*			Company unique ID				Unique ID Authority				Response Date*			
onsemi											2025-06-08			
Contact Name			Title - Contact				Phone - Contact*				Email - Contact*			
Product-Env-Stewards			Product Enviro Compliance				NA				Product-Env-Stewards@onsemi.com			
Authorized Representative*			Title - Representative				Phone - Representative*				Email - Representative*			
Product-Env-Stewards			Product Enviro Compliance				NA				Product-Env-Stewards@onsemi.com			
Requester	Requester Item Number Mfr Item		n Number Mfr Item Name				Effective Date	tive Date Version Manufacturing Site		Ianufacturing Site		Weight*	UOM	Unit Type
		MBRS190T3G		REC SMB 1A 90V SHTKY TR			2025-06-08		N	MY1		101.19	mg	Each
Manufacturing P	Proccess Information	n									1			
Terminal Plating / Grid Array Material Termi			erminal Base A	minal Base Alloy J-STD-020 MSL I			Peak Process Body Temperature Max Time at Pea			Temperature Number of Reflow Cycles				
Matte Tin (Sn) - annealed CU All			U Alloy	by 1			260 C		С	30	seco	nds 3		
Comments														
evel 1 - maximum tir	me at peak temperature o	during sol	dering is 10-3	0 seconds										
For more information	n regarding material con	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), Disobutyl phthalate (DIBP).										
cadmium, hexavalentchromium, polybromina contains a RoHS restricted substance inexces encompass all such components. Supplier cer as of the date that Supplier completes this for Company acknowledges that Supplier may h independently verified information provided certification in this paragraph. If the Company	ated biphenyls and/or polybrominated dip s of an applicable quantity limit, please in iffies that it gathered the information it pr m.Supplier acknowledges that Company ave relied on informationprovided by oth by others, Supplier agrees that, at a minir and the Supplier enter into a written agr esource of the Supplier's liability and the	henyl ethers (each a "RoHS restricted substa ndicate below which, if any, RoHS exemption ovides in this form using appropriate methoo will rely on this certification in determining ers in completing this form, and that Supplie num, itssuppliers have provided certification eement with respect to the identified part, the Company's remedies for issues that arise reg	nce") in exco n you believe ls to ensure i the compliar r may not ha s regarding t terms and co	e may apply. If the part is an assembly with low s accuracy and that such information is true an ce of its products with European Union member de independently verified such information. Ho neir contributions to the part, and those certifica	ove. If a homogeneous material within the part er level components, the declaration shall d correct to the best of its knowledge and belief, er state laws that implement the RoHS Directive. wever, in situations where Supplier has not ations are at least as comprehensive as the anty rights and/or remedies provided as part of						
RoHS Declaration * 4 - Item(s) does not contain RoHS restricted subst	ances per the definition above except for sele	ected exempt	ions Supplier Acceptance	* Accepted						
Exemption: 7a: Lead in high melting temp	erature type solders (i.e. lead based sol	der alloys containing 85% by weight or m	ore lead).								
Exemption List Version	EL-2011/534/EU										
Declaration Signature											
Instructions: Complete all of the required Requester) and click on Submit Form to h			e drop-dowi	a. This will display the signature area. Digita	lly sign the declaration (if required by the						
Supplier Digital Signature	astislav 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
Clip	8.19	mg	Supplier	Iron (Fe)	7439-89-6		0.0082	mg
			Supplier	Copper (Cu)	7440-50-8		8.1794	mg
			Supplier	Phosphorus (P)	7723-14-0		0.0025	mg
Die	0.7	mg	Supplier	Silicon (Si)	7440-21-3		0.7	mg
Die Attach Solder	1.62	mg	Supplier	Silver (Ag)	7440-22-4		0.0405	mg
			А	Lead (Pb)	7439-92-1	7a	1.4985	mg
			Supplier	Tin (Sn)	7440-31-5		0.081	mg
Lead Frame	33.6	mg	Supplier	Iron (Fe)	7439-89-6		0.0336	mg
			Supplier	Copper (Cu)	7440-50-8		33.5563	mg
			Supplier	Phosphorus (P)	7723-14-0		0.0101	mg
Mold Compound-Black	55.19	mg	Supplier	Polycondensate of 4,4'- bis(methoxymethyl)biphenyl and phenol	205830-20-2		1.3798	mg
			Supplier	Triphenylphosphine	603-35-0		0.2759	mg
			Supplier	Trimethoxysilylpropanethiol	4420-74-0		0.2759	mg
			Supplier	4,4'-Bis(2,3-epoxypropoxy)-3,3',5,5'- tetramethylbiphenyl	85954-11-6		0.2759	mg
			Supplier	Carbon Black (C)	1333-86-4		0.5519	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		49.671	mg
			Supplier	Phenolic Resin (Novolac)	9003-35-4		2.7595	mg
Plating	1.89	mg	Supplier	Tin (Sn)	7440-31-5		1.89	mg