ASSOCIATION CONNECTING ELECTRONICS INDUSTRIES® International and Pa	IPC. Bannockl	burn, Illinois, A	Il rights reserved untions.	under both	This docume level parts, t	ent is a declarati the declaration e	on of the su	bstances v s all lower	vithin the manufactu level materials for v	rer listed i which the r	tem. Note: nanufactur	if the item is an as er has engineering	ssembly with low responsibility.	
	21.1 IPC Web Site for Information on IPC-1752 Standard Form T http://www.ipc.org/IPC-175x Distribution				* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materials and Mfg Information									
upplier Information														
Company name* Com			Company unique ID			Unique ID Authority				Respon	Response Date*			
onsemi										2024-04	2024-04-25			
ontact Name Title - Contact			ct	I			Phone - Contact*				Email - Contact*			
Product-Env-Stewards Product Env			Enviro Compliance			NA				Product-Env-Stewards@onsemi.com				
Authorized Representative* Title - Repre			esentative			Phone - Representative*				Email - Representative*				
Product-Env-Stewards Product F			luct Enviro Compliance			NA				Produc	Product-Env-Stewards@onsemi.com			
Requester Item Number	Mfr Iten	n Number	Mfr Item Name			Effective Date	Version	on Manufacturing Site			Weight*	UOM	Unit Type	
	MRA40	IRA4005T3G REC SMA 1A 60)OV STD TR		2024-04-25		C	CNP		62.0	mg	Each	
Ianufacturing Proccess Informa	ntion							<u>i</u>						
Terminal Plating / Grid Array M	laterial 7	Ferminal Base A	loy J-STD-020 MSL Rati		L Rating	Peak Proce	Process Body Temperatur		ire Max Time at Peak Tempera		ure Nun	nber of Reflow Cyc	cles	
Matte Tin (Sn) - annealed CU All		CU Alloy	1			260	260 C		30 seco		seconds 3			
omments														
vel 1 - maximum time at peak temperat	ure during so	dering is 10-3	0 seconds											
or more information regarding materia	l composition	please refer to	page 3											

RoHS Material Composition Declar	ation			Declaration Type *	Detailed							
Directive 2015/863/EU amending Rol Directive 2011/65/EU	(Pb), Mercury (Hg), Hexav	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), Diisobutyl phthalate (DIBP).										
cadmium, hexavalentchromium, polyb contains a RoHS restricted substance i encompass all such components.Suppl as of the date that Supplier completes Company acknowledges that Supplier independently verified information pro- certification in this paragraph.If the Co	rominated biphenyls and/or polybror nexcess of an applicable quantity lim ier certifies that it gathered the inforr this form.Supplier acknowledges that may have relied on informationprovi ovided by others, Supplier agrees that ompany and the Supplier enter into a clusivesource of the Supplier's liabili	ninated diphenyl ethers (each a "R it, please indicate below which, if nation it provides in this form usin Company will rely on this certifud ded by others in completing this f , at a minimum, itssuppliers have written agreement with respect to ty and the Company's remedies for	toHS restricted substance") in exce any, RoHS exemption you believe ag appropriate methods to ensure it cation in determining the complian orm, and that Supplier may not hav provided certifications regarding th the identified part,the terms and co or issues that arise regarding inform	ropean Union member states) of the part identifies so of the applicable quantity limit identified about may apply. If the part is an assembly with lows a accuracy and that such information is true and ce of its products with European Union member re independently verified such information. How heir contributions to the part, and those certifica motions of that agreement, including any warra nation the Supplier provides in this form. In the	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 inty rights and/or remedies provided as part of							
RoHS Declaration * 4	- Item(s) does not contain RoHS restr	icted substances per the definition	above except for selected exempti	ons Supplier Acceptance	* Accepted							
Exemption: 7a: Lead in high meltin Exemption: 7c-I Electrical and elect	g temperature type solders (i.e. lead ronic components containing lead i	l based solder alloys containing n a glass or ceramic other than	85% by weight or more lead). dielectric ceramic in capacitors, o	e.g. piezoelectronic devices, or in a glass or ce	eramic matrix compound.							
Exemption List Version	EL-2011/534/EU											
Declaration Signature												
Instructions: Complete all of the rec Requester) and click on Submit For			Supplier Acceptance drop-down	. This will display the signature area. Digital	ly sign the declaration (if required by the							
Supplier Digital Signature	Rastislav 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	6.0	mg	Supplier	Iron (Fe)	7439-89-6		0.006	mg
			Supplier	Copper (Cu)	7440-50-8		5.9922	mg
			Supplier	Phosphorus (P)	7723-14-0		0.0018	mg
Die	0.84	mg	Supplier	Carbon (C)	7440-44-0		0.0034	mg
			Supplier	Oxygen (O2)	7782-44-7		0.0143	mg
			Supplier	Silicon (Si)	7440-21-3		0.8047	mg
			В	Nickel (Ni)	7440-02-0		0.0092	mg
			А	Lead Oxide (PbO)	1317-36-8	7c	0.008	mg
			Supplier	Aluminum (Al)	7429-90-5		0.0004	mg
Die Attach Solder	2.92	mg	Supplier	Silver (Ag)	7440-22-4		0.073	mg
			А	Lead (Pb)	7439-92-1	7a	2.701	mg
			Supplier	Tin (Sn)	7440-31-5		0.146	mg
Lead Frame	22.63	mg	Supplier	Iron (Fe)	7439-89-6		0.0226	mg
			Supplier	Copper (Cu)	7440-50-8		22.6006	mg
			Supplier	Phosphorus (P)	7723-14-0		0.0068	mg
Mold Compound-Black	29.53	mg	Supplier	Carbon Black (C)	1333-86-4		0.0591	mg
			Supplier	Aluminum Hydroxide (Al(OH)3)	21645-51-2		2.953	mg
			Supplier	Ortho-Cresol Novolac Resin	29690-82-2		3.4845	mg
			Supplier	Phenolic Resin (Novolac)	9003-35-4		2.3624	mg
			Supplier	Silica Crystalline (SiO2)	14808-60-7		20.671	mg
Plating	0.08	mg	Supplier	Tin (Sn)	7440-31-5		0.08	mg