		erican cop	yright conver	ll rights reserved untions.	under both	level parts, th	ne declaration	encompas	ses all lowe	r level material	s for which the	e manui	acturer ha	s engineering	responsibility.
IPC Web Site for Information on IPC-1752 Standard Form Type http://www.ipc.org/IPC-175x Distribute					e *	Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materials and Mfg Information									
ıpplier Inf	formation														
Company name*			Company unique ID				Unique ID Authority					Response Date*			
semi											2023-	2023-06-08			
ontact Name	9		Title - Contact				Phone - Contact*				Emai	Email - Contact*			
roduct-Env-S	Stewards		Product Enviro Compliance			1	NA				Prod	Product-Env-Stewards@onsemi.com			
Authorized Representative*			Title - Representative			I	Phone - Representative*				Emai	Email - Representative*			
Product-Env-Stewards			Product Envi	ct Enviro Compliance NA Product-Env					v-Stewards@onsemi.com						
Rec	Requester Item Number Mfr Iter		Number	Mfr Item Name Effective Date Version		on N	Manufacturing Site		Weig	ht*	UOM	Unit Type			
		MT9M034 DPBR1	4I12STM-	1.2 MP 1/3 CIS			2023-06-08		7	TA1		240.0	1	mg	Each
anufactur	ring Proccess Information							,				•			·
Terminal Plating / Grid Array Material To		erminal Base A	Alloy	J-STD-020 MS	SL Rating	Peak Process Body		Temperatui	rature Max Time at Peak		Temperature Number		imber of Reflow Cycles		
Precious metal (e.g. Ag,Au, NiPdAu) (no Sn)		) (no CU	U Alloy		4		260		С	30 seco		seconds 3			
mments					·								·		

RoHS Material Composition Declaration			Declaration Type *	Detail	led
Directive 2015/863/EU amending RoHS Directive 2011/65/EU		nium (Cr6+), Polybrominated Biphenyls (Pl	aterial for Cadmium and quantity limit of 0.1% by BB), Polybrominated Diphenyl Ethers (PBDE), an		
cadmium, hexavalentchromium, polybromir contains a RoHS restricted substance inexce encompass all such components. Supplier ce as of the date that Supplier completes this fo Company acknowledges that Supplier may l independently verified information provided certification in this paragraph. If the Compan	nated biphenyls and/or polybrominated dipless of an applicable quantity limit, please intifies that it gathered the information it prome. Supplier acknowledges that Company have relied on information provided by other by others, Supplier agrees that, at a mining and the Supplier enter into a written agree esource of the Supplier's liability and the	henyl ethers (each a "RoHS restricted substational substance below which, if any, RoHS exemption by desired in this form using appropriate method will rely on this certification in determining ters in completing this form, and that Supplies have provided certification between the will respect to the identified part, the Company's remedies for issues that arise respects to the identified part, the company's remedies for issues that arise respects to the identified part, the company's remedies for issues that arise respects to the identified part, the company's remedies for issues that arise respects to the identified part, the company's remedies for issues that arise respects to the identified part, the company's remedies for issues that arise respects to the identified part, the company's remedies for issues that arise respects to the identified part, the company's remedies for issues that arise respects the company is the company that the company tha	ws of the European Union member states) of the pnce") in excess of the applicable quantity limit iden you believe may apply. If the part is an assemble is to ensure its accuracy and that such information the compliance of its products with European Union may not have independently verified such informs regarding their contributions to the part, and tho terms and conditions of that agreement, including the provides in this formation information the Supplier provides in this formation.	entified above. If a y with lower level is true and correct on member state la nation. However, in se certifications are any warranty rigl	n homogeneous material within the part components, the declaration shall t to the best of its knowledge and belief, aws that implement the RoHS Directive. In situations where Supplier has not the at least as comprehensive as the this and/or remedies provided as part of
RoHS Declaration * 1 - Item	(s) does not contain RoHS restricted substa	ances per the definition above	Supplier Ac	cceptance *	Accepted
Exemption: If the declared item does not applicable exemptions.	contain RoHS restricted substances per	the definition above except for defined Ro	oHS exemptions, then select the corresponding	response in the R	oHS Declaration above and choose all
Exemption List Version	EL-2011/534/EU				
Declaration Signature					
Instructional Complete all of the required	fields on all neggs of this form. Calcut th		a duan dawn. This will display the signature on	a Digitally sign	the declaration (if recruired by the
Instructions: Complete all of the required Requester) and click on Submit Form to			e drop-down. This will display the signature ar	ea. Digitally sign	the declaration (if required by the

## **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.

Substance Instructions: [A] select the Level (JIG A, JIG B, Requester or Supplier) [B] select the substance category (JIG or Requester) or enter a value (Supplier). [C] select the substance (JIG) or enter the substance and CAS (Other). [D] select a RoHS exemption, if applicable [E] enter the weight of the substance or the PPM concentration [F] Optionally enter the positive (+) and negative (-) tolerance in percent (Note: percent tolerance values are expected to cover a 3 sigma range of distribution unless otherwise noted).

Homogeneous Material	Weight	Unit of Measure	Level	Substance	CAS	Exempt	Weight	Unit of Measure
Die	50.57	mg		Misc.	proprietary data		0.1922	mg
			Supplier	Silicon (Si)	7440-21-3		49.8772	mg
			Supplier	Aluminum (Al)	7429-90-5		0.5006	mg
Die Attach	1.78	mg	Supplier	Bisphenol A_Epichlorohydrin Polymer	25068-38-6		0.6675	mg
			Supplier	Ethylene Glycol	107-21-1		0.0178	mg
			Supplier	Sulfonium (Thiodi-4,1-phenylene)	89452-37-9		0.0534	mg
			Supplier	Modified Silicon Dioxide (SiO2)	67762-90-7		0.3738	mg
			Supplier	Formaldehyde Polymer	9003-36-5		0.6675	mg
Imaging Lens	50.18	mg	Supplier	Titanium Dioxide (TiO2)	13463-67-7		2.509	mg
			Supplier	Sodium Monoxide (Na2O)	1313-59-3		2.509	mg
			Supplier	Boron Trioxide (B2O3)	1303-86-2		2.509	mg
			Supplier	Zinc Monoxide (ZnO)	1314-13-2		2.509	mg
			В	Antimony Trioxide (Sb2O3)	1309-64-4		0.2509	mg
			Supplier	Aluminum Trioxide (Al2O3)	1344-28-1		2.509	mg
			Supplier	Potassium Monoxide (K2O)	12136-45-7		2.509	mg
			Supplier	Silica Crystalline (SiO2)	14808-60-7		34.8751	mg
Lid Attach	2.35	mg	Supplier	2-phenoxy ethyl acrylate	48145-04-6		1.0575	mg
			Supplier	Bisphenol A_Epichlorohydrin Polymer	25068-38-6		0.47	mg
			Supplier	Filler (SiO2)	68909-20-6		0.2937	mg
			Supplier	Acrylate Oligomer	Proprietary Data		0.0117	mg
			Supplier	Curative	Proprietary Data		0.047	mg
			Supplier	Formaldehyde Polymer	9003-36-5		0.47	mg
Mold Compound-Black	53.81	mg		Phenolic Resin	proprietary data		8.0715	mg
			Supplier	Oxirane	39817-09-9		8.0715	mg
			Supplier	1,4-Bis(2,3-epoxypropoxy)butane	2425-79-8		1.6143	mg
			Supplier	Carbon Black (C)	1333-86-4		0.5381	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		34.4384	mg
			Supplier	Silica Crystalline (SiO2)	14808-60-7		1.0762	mg
Substrate and Solder Mask	81.05	mg	Supplier	Acetophenone	98-86-2		1.5886	mg
			Supplier	Fiber Glass (SiO2)	65997-17-3		17.985	mg
			Supplier	Inorganic Filler of Solder Mask_Talc (Mg3Si4O10(OH)2)	14807-96-6		1.0618	mg

			Supplier	Silica Amorphous (SiO2)	7631-86-9	1.0699	mg
			Supplier	Carbon Black (C)	1333-86-4	0.2675	mg
			Supplier	2,4-Diethyl-9H-thioxanthen-9-one (DETX)	82799-44-8	0.2675	mg
			Supplier	Solvent Naphtha (Solvent oil)	64742-94-5	3.1772	mg
			Supplier	Bismaleimide Triazine resin	Proprietary Data	8.105	mg
			Supplier	Copper (Cu)	7440-50-8	39.3093	mg
			Supplier	Barium Sulfate (BaSO4)	7727-43-7	8.2185	mg
Wire Bond - Au	0.26	mg	Supplier	Gold (Au)	7440-57-5	0.26	mg