upplier Inform ompany name* usemi	IPC Web Site for Information http://www.ipc.org/IPC-175	5x	lard	Form Type Distribute	*									
ompany name*	ation					Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materials and Mfg Information								
nsemi														
		Company uni	Company unique ID			Unique ID Authority				Response Date*				
ontact Namo											2024-05-20			
ontact Name		Title - Contac	Title - Contact			Phone - Contact*				Email - Contact*				
roduct-Env-Stewa	rds	Product Envi	Product Enviro Compliance			NA				Product-Env-Stewards@onsemi.com				
uthorized Represen	ntative*	Title - Repres	Title - Representative			Phone - Representative*			Email - Representative*					
Product-Env-Stewards		Product Envi	Product Enviro Compliance			NA			Product-Env-Stewards@onsemi.com					
Requeste	Requester Item Number Mfr Item		Number Mfr Item Name		I	Effective Date	Date Version Manufacturing Site		ufacturing Site	We	ight*	UOM	Unit Type	
		0521SR2C09SUR DP1	5MP 1/2 CIS SO		2	2024-05-20		TA1		291	.23	mg	Each	
Ianufacturing l	Proccess Information						•	•				·		
Terminal I	Terminal Plating / Grid Array Material Terminal Base Alloy		Alloy	J-STD-020 MSL	SL Rating Peal		eak Process Body Temperature M		Max Time at Peak	Time at Peak Temperature		Number of Reflow Cycles		
Precious metal (e.g. Ag,Au, NiPdAu) (no Sn)		o CU Alloy	U Alloy 4			260	C		30	seconds	3			
omments						_				•	-	_		

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 e at least as comprehensive as the hts 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	62.83	mg		Misc.	proprietary data		0.2388	mg
			Supplier	Silicon (Si)	7440-21-3		61.9692	mg
			Supplier	Aluminum (Al)	7429-90-5		0.622	mg
Die Attach	2.76	mg	Supplier	Bisphenol A_Epichlorohydrin Polymer	25068-38-6		1.035	mg
			Supplier	Ethylene Glycol	107-21-1		0.0276	mg
			Supplier	Sulfonium (Thiodi-4,1-phenylene)	89452-37-9		0.0828	mg
			Supplier	Modified Silicon Dioxide (SiO2)	67762-90-7		0.5796	mg
			Supplier	Formaldehyde Polymer	9003-36-5		1.035	mg
Imaging Lens	66.68	mg	Supplier	Titanium Dioxide (TiO2)	13463-67-7		3.334	mg
			Supplier	Sodium Monoxide (Na2O)	1313-59-3		3.334	mg
			Supplier	Boron Trioxide (B2O3)	1303-86-2		3.334	mg
			Supplier	Zinc Monoxide (ZnO)	1314-13-2		3.334	mg
			В	Antimony Trioxide (Sb2O3)	1309-64-4		0.3334	mg
			Supplier	Aluminum Trioxide (Al2O3)	1344-28-1		3.334	mg
			Supplier	Potassium Monoxide (K2O)	12136-45-7		3.334	mg
			Supplier	Silica Crystalline (SiO2)	14808-60-7		46.3426	mg
Lid Attach	2.87	mg	Supplier	Bisphenol A_Epichlorohydrin Polymer	25068-38-6		0.9069	mg
			Supplier	Filler (SiO2)	68909-20-6		0.1492	mg
			Supplier	Epoxy Prepolymer	Proprietary Data		0.9069	mg
			Supplier	Formaldehyde Polymer	9003-36-5		0.9069	mg
Mold Compound-Black	59.52	mg		Phenolic Resin	proprietary data		8.928	mg
			Supplier	Oxirane	39817-09-9		8.928	mg
			Supplier	1,4-Bis(2,3-epoxypropoxy)butane	2425-79-8		1.7856	mg
			Supplier	Carbon Black (C)	1333-86-4		0.5952	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		38.0928	mg
			Supplier	Silica Crystalline (SiO2)	14808-60-7		1.1904	mg
Substrate and Solder Mask	96.33	mg	Supplier	Acetophenone	98-86-2		1.8881	mg
			Supplier	Fiber Glass (SiO2)	65997-17-3		21.3756	mg
			Supplier	Inorganic Filler of Solder Mask_Talc (Mg3Si4O10(OH)2)	14807-96-6		1.2619	mg
			Supplier	Silica Amorphous (SiO2)	7631-86-9		1.2716	mg
			Supplier	Carbon Black (C)	1333-86-4		0.3179	mg

			Supplier	2,4-Diethyl-9H-thioxanthen-9-one (DETX)	82799-44-8	0.3179	mg
			Supplier	Solvent Naphtha (Solvent oil)	64742-94-5	3.7761	mg
			Supplier	Bismaleimide Triazine resin	Proprietary Data	9.633	mg
			Supplier	Copper (Cu)	7440-50-8	46.7201	mg
			Supplier	Barium Sulfate (BaSO4)	7727-43-7	9.7679	mg
Wire Bond - Au	0.24	mg	Supplier	Gold (Au)	7440-57-5	0.24	mg