PC SOCIATION CONNECTING COPyright 2005. IPC, Bannockburn, Illinois. All rights reserved under both international and Pan-American copyright conventions.					This document is a declaration of the substances within the manufacturer listed item. Note: if the item is an assembly with lowe level parts, the declaration encompasses all lower level materials for which the manufacturer has 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								
upplier Information														
Company name* Company unique ID					1	Unique ID Authority					Response Date*			
nsemi	semi					2023-06-08								
Contact Name Title - Contact]	Phone - Contact*				Email - Contact*				
Product-Env-Stewards Product Enviro Con				o Compliance			NA				Product-Env-Stewards@onsemi.com			
Authorized Representative* Title - Representative			sentative]	Phone - Representative*					Email - Representative*			
roduct-Env-Stewards	Product Enviro Compliance				NA				Product-Env-Stewards@onsemi.com					
Requester Item Number	Requester Item Number Mfr Item Number		Mfr Item Name	he Effective Date Version Manufac			ufacturing Site	Weight*		UOM	Unit Type			
	MT9V0 DP1	034C12STM- VGA 1/3 GS CIS		5		2023-06-08			TWU	TWU		76.08	mg	Each
Ianufacturing Proccess Informa	ition													
Terminal Plating / Grid Array M	rid Array Material Terminal Base Alloy		J-STD-020 MS	ISL Rating Peak		k Process Body Temperature Max Time at Pea		Max Time at Peak	Temperature Number of Reflow Cycles		cles			
Precious metal (e.g. Ag,Au, NiPdAu) (no CU Alloy Sn)			4			260		3	60	secon	ds 3			
omments			•								-			
or more information regarding material	composition	n please refer to	page 3											

RoHS Material Composition Declaration				Declaration Type *	Detailed							
Directive 2015/863/EU amending RoHS Directive 2011/65/EU	(Pb), Mercury (Hg), Hexavalent Chror	HS 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 b), Mercury (Hg), Hexavalent Chromium (Cr6+), Polybrominated Biphenyls (PBB), Polybrominated Diphenyl Ethers (PBDE), and Bis(2-ethylhexyl) phthalate (DEHP), Benzyl-butyl thalate (BBP), Dibutyl phthalate (DBP), Dibutyl phthalate (DBP), 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 y 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 cc 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	ances per the definitio	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
Ceramic Substrate	542.28	mg	Supplier	Cobalt (Co)	7440-48-4		0.705	mg
			Supplier	Titanium Dioxide (TiO2)	13463-67-7		5.4228	mg
			Supplier	Molybdenum (Mo)	7439-98-7		5.4228	mg
			Supplier	Tungsten (W)	7440-33-7		22.83	mg
			Supplier	Magnesium Monoxide (MgO)	1309-48-4		3.2537	mg
			Supplier	Calcium Oxide (CaO)	60873-85-0		2.7656	mg
			Supplier	Silica Amorphous (SiO2)	7631-86-9		15.1838	mg
			Supplier	Aluminum Trioxide (Al2O3)	1344-28-1		462.2937	mg
			В	Nickel (Ni)	7440-02-0		2.2233	mg
			Supplier	Gold (Au)	7440-57-5		1.3557	mg
			Supplier	Chromium Trioxide (Cr2O3)	1308-38-9		20.8236	mg
Die	49.22	mg		Misc.	proprietary data		0.187	mg
			Supplier	Silicon (Si)	7440-21-3		48.5457	mg
			Supplier	Aluminum (Al)	7429-90-5		0.4873	mg
Die Attach	25.14	mg	Supplier	Bisphenol A_Epichlorohydrin Polymer	25068-38-6		1.0835	mg
			Supplier	Epoxy resins	129915-35-1		7.7607	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		9.1535	mg
			Supplier	Acrylic resins	Proprietary Data		7.1423	mg
Imaging Lens	151.66	mg	Supplier	Titanium Dioxide (TiO2)	13463-67-7		7.9622	mg
			Supplier	Sodium Monoxide (Na2O)	1313-59-3		7.7347	mg
			Supplier	Boron Trioxide (B2O3)	1303-86-2		7.9622	mg
			Supplier	Zinc Monoxide (ZnO)	1314-13-2		7.7802	mg
			В	Antimony Trioxide (Sb2O3)	1309-64-4		0.7583	mg
			Supplier	Aluminum Trioxide (Al2O3)	1344-28-1		7.6588	mg
			Supplier	Potassium Monoxide (K2O)	12136-45-7		7.674	mg
			Supplier	Silica Crystalline (SiO2)	14808-60-7		104.1298	mg
Lid Attach	5.79	mg		Other Additive Agents	proprietary data		1.0086	mg
		-	Supplier	Photoinitiator	Proprietary Data		0.2362	mg
			Supplier	Epoxy Prepolymer	Proprietary Data		4.5452	mg
Aarking Ink	0.05	mg	Supplier	Bisphenol A_Epichlorohydrin Polymer	25068-38-6		0.042	mg
-		-	Supplier	1-Methoxy-2-propyl acetate (MPA)	108-65-6		0.0024	mg
			Supplier	Butylglycol Acetate	112-07-2		0.0024	mg

			Supplier	Cyclohexanone	108-94-1	0.0025	mg
			Supplier	Xylene	1330-20-7	0.0007	mg
Wire Bond - Au	1.94	mg	Supplier	Gold (Au)	7440-57-5	1.94	mg