ASSOCIATION CONNECTING ELECTRONICS INDUSTRIES® International a	Composition Dec 2005. IPC, Bannockt nd Pan-American co	<b>claration</b> ourn, Illinois. A opyright conve	All rights reserved u ntions.	nder both	This docume level parts, th	ent is a declaration he declaration er	n of the substanc compasses all lo	es within the manufactor wer level materials for	cturer listed r which the	item. Note: it manufacturer	f the item is an as has engineering	sembly with low responsibility.
				Form Type Distribute	*	Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materials and Mfg Information						
upplier Information												
Company name* Cc			Company unique ID			Unique ID Authority			Respo	Response Date*		
onsemi									2023-0	2023-06-06		
Contact Name Title			Contact			Phone - Contact*			Email	Email - Contact*		
Product-Env-Stewards P			Product Enviro Compliance			NA			Produ	Product-Env-Stewards@onsemi.com		
Authorized Representative* Titl			tle - Representative			Phone - Representative*			Email	Email - Representative*		
Product-Env-Stewards			Product Enviro Compliance			NA			Produ	Product-Env-Stewards@onsemi.com		
Requester Item Number	Mfr Item Number		Mfr Item Name			Effective Date	Version	Manufacturing Site		Weight*	UOM	Unit Type
	STK672	STK672-630CN-E Stepping motor d		river		2023-06-06	06-06 VN2			3900.0	mg	Each
Ianufacturing Proccess Info	ormation					-		-				
Terminal Plating / Grid Ar	Terminal Plating / Grid Array Material Terminal Base		Alloy J	-STD-020 MSI	) MSL Rating Peak		ak Process Body Temperature Max Time at Peak		eak Temper	ature Numb	er of Reflow Cyc	eles
Matte Tin (Sn) - annealed		CU Alloy	1	NA		0	С	30	seco	onds 3		
omments												
or more information regarding ma	terial composition	please refer to	o page 3									

RoHS Material Composition Declaration				Declaration Type *	Detailed							
Directive 2015/863/EU amending RoHS Directive 2011/65/EU	(Pb), Mercury (Hg), Hexavalent Chro	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 bhthalate (BBP), Dibutyl phthalate (DBP), Diisobutyl phthalate (DIBP).										
cadmium, hexavalentchromium, polybromina contains a RoHS restricted substance inexcess encompass all such components.Supplier cert as of the date that Supplier completes this for Company acknowledges that Supplier may ha independently verified information provided certification in this paragraph.If the Company	ted biphenyls and/or polybrominated dip of an applicable quantity limit, please in ifies that it gathered the information it pr m.Supplier acknowledges that Company ve relied on informationprovided by oth by others, Supplier agrees that, at a minir and the Supplier enter into a written agr source of the Supplier's liability and the	henyl ethers (each a "RoHS restricted subs ndicate below which, if any, RoHS exempt ovides in this form using appropriate meth will rely on this certification in determinin ers in completing this form, and that Suppl num, itssuppliers have provided certificatio eement with respect to the identified part,t Company's remedies for issues that arise r	stance") in exce ion you believe ods to ensure i g the compliar ier may not ha ons regarding t he terms and co	ropean Union member states) of the part identifiess of the applicable quantity limit identified able may apply. If the part is an assembly with low is accuracy and that such information is true and ce of its products with European Union member independently verified such information. How heir contributions to the part, and those certifica onditions 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							
<b>RoHS Declaration *</b> 4 - Item(s	) does not contain RoHS restricted subst	ances per the definition above except for se	elected exempt	ions Supplier Acceptance	* Accepted							
Exemption: 7c-I Electrical and electronic c	omponents containing lead in a glass o	r ceramic other than dielectric ceramic	in capacitors,	e.g. piezoelectronic devices, or in a glass or c	eramic matrix compound.							
Exemption List Version	EL-2011/534/EU											
Declaration Signature												
Instructions: Complete all of the required fields on all pages of this form. Select the "Accepted" on the Supplier Acceptance drop-down. This will display the signature area. Digitally sign the declaration (if required by the Requester) and click on Submit Form to have the form returned to the Requester.												
Supplier Digital Signature R	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
Ceramic Substrate	1203.62	mg	Supplier	Bisphenol A_Epichlorohydrin Polymer	25068-38-6		7.1014	mg
			Supplier	Aluminum Trioxide (Al2O3)	1344-28-1		46.7005	mg
			В	Nickel (Ni)	7440-02-0		2.0462	mg
			Supplier	Acrylic resins	Proprietary Data		0.8425	mg
			Supplier	Copper (Cu)	7440-50-8		82.3276	mg
			Supplier	Barium Sulfate (BaSO4)	7727-43-7		0.6018	mg
			Supplier	Aluminum (Al)	7429-90-5		1064.0001	mg
Chip Parts	31.57	mg	Supplier	Titanium Dioxide (TiO2)	13463-67-7		0.0032	mg
			Supplier	Silver (Ag)	7440-22-4		0.4515	mg
			Supplier	Epoxy resins	129915-35-1		0.1263	mg
			Supplier	Bisphenol A, Epichlorohydrin polymer	25036-25-3, 25068- 38-6		0.0158	mg
			Supplier	Tin (Sn)	7440-31-5		1.0986	mg
			Supplier	Magnesium Monoxide (MgO)	1309-48-4		0.1957	mg
			Supplier	Silica Amorphous (SiO2)	7631-86-9		0.6251	mg
			Supplier	Ceramic	12013-47-7, 12047- 27-7		6.1877	mg
			Supplier	Palladium (Pd)	7440-05-3		0.0505	mg
			Supplier	Carbon Black (C)	1333-86-4		0.0126	mg
			Supplier	Aluminum Trioxide (Al2O3)	1344-28-1		20.0375	mg
			В	Nickel (Ni)	7440-02-0		1.4964	mg
			А	Lead Oxide (PbO)	1317-36-8	7c	0.0726	mg
			Supplier	Chromium Trioxide (Cr2O3)	1308-38-9		0.0032	mg
			Supplier	Copper (Cu)	7440-50-8		1.1933	mg
Die	5.81	mg	Supplier	Silicon (Si)	7440-21-3		5.7972	mg
			Supplier	Polyimide	Proprietary Data		0.0128	mg
ead Frame	470.22	mg	Supplier	Tin (Sn)	7440-31-5		0.2821	mg
			Supplier	Copper (Cu)	7440-50-8		469.9379	mg
Iold Compound-Black	2178.67	mg		Brominated epoxy resin	proprietary data		43.5734	mg
			Supplier	Phenolic Resin	Proprietary Data		152.5069	mg
			В	Antimony Trioxide (Sb2O3)	1309-64-4		43.5734	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		1525.069	mg

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).

			Supplier	Ortho-Cresol Novolac Resin	29690-82-2	413.9473	mg
Plating	0.95	mg	Supplier	Tin (Sn)	7440-31-5	0.5881	mg
			В	Nickel (Ni)	7440-02-0	0.3619	mg
Solder Ball	7.92	mg	Supplier	Silver (Ag)	7440-22-4	0.221	mg
			Supplier	Tin (Sn)	7440-31-5	7.6539	mg
			В	Antimony (Sb)	7440-36-0	0.0063	mg
			Supplier	Copper (Cu)	7440-50-8	0.0388	mg
Wire Bond	1.24	mg	Supplier	Silicon (Si)	7440-21-3	0.0037	mg
			Supplier	Aluminum (Al)	7429-90-5	1.2363	mg