ASSOCIATION	CONNECTING CS INDUSTRIES® MALETING S INDUSTRIES® MALETIAL COMP	PC, Bannockb	ourn, Illinois. A	All rights reserved untions.	under both	This docume level parts, t	ent is a declaration e	ion of the encompass	substances ses all lowe	within the er level mate	manufacture erials for wh	er listed it hich the m	em. Note: i anufacture	if the item is an as or has engineering	sembly with low responsibility.
1752-21.1	P1.1 IPC Web Site for Information on IPC-1752 Standard Form Type http://www.ipc.org/IPC-175x Distribute				*	Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materials and Mfg Information					tion				
upplie	r Information														
Company name* Company unique ID				ique ID		Unique ID Authority						Response Date*			
nsemi												2023-06-	08		
Contact N	lame		Title - Contact]	Phone - Contact*					Email - Contact*			
Product-l	Env-Stewards		Product Enviro Compliance				NA					Product-Env-Stewards@onsemi.com			
Authorized Representative*			Title - Representative]	Phone - Representative*				Email - Representative*				
roduct-l	Env-Stewards		Product Env	act Enviro Compliance NA Product-Env-Stewards					vards@onsemi.co	ls@onsemi.com					
	Requester Item Number Mfr Item		Number Mfr Item Name		·	Effective Date	te Version Manufacturing Site		ing Site	v	Veight*	UOM	Unit Type		
		STK672-	-740AN-E	Stepping motor d	river		2023-06-08			VN2		3	860.0	mg	Each
Ianufa	cturing Proccess Informa	tion						•							
	Terminal Plating / Grid Array Material		erminal Base	ninal Base Alloy J-STD-020 MSL		L Rating	Peak Process Body Temperate		ure Max Time at Peak Tem		Temperatu	ire Num	ber of Reflow Cyc	les	
	Matte Tin (Sn) - annealed	C	CU Alloy		NA		0		С	30		second	ls 3		
omments	3														
or more	information regarding material	composition	please refer to	o page 3											

RoHS Material Composition Declaration			Declaration Type *	Detailed							
Directive 2015/863/EU amending RoHS Directive 2011/65/EU		mium (Cr6+), Polybrominated Biphenyls (dmium and quantity limit of 0.1% by mass (100 minated Diphenyl Ethers (PBDE), and Bis(2-ethers)							
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						
RoHS Declaration * 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 components containing lead in a glass or ceramic other than dielectric ceramic in capacitors, e.g. piezoelectronic devices, or in a glass or ceramic 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	1190.67	mg	Supplier	Bisphenol A_Epichlorohydrin Polymer	25068-38-6		7.025	mg
			Supplier	Aluminum Trioxide (Al2O3)	1344-28-1		46.198	mg
			В	Nickel (Ni)	7440-02-0		2.0241	mg
			Supplier	Acrylic resins	Proprietary Data		0.8335	mg
			Supplier	Copper (Cu)	7440-50-8		81.4418	mg
			Supplier	Barium Sulfate (BaSO4)	7727-43-7		0.5953	mg
			Supplier	Aluminum (Al)	7429-90-5		1052.5522	mg
Chip Parts	30.07	mg	Supplier	Silver (Ag)	7440-22-4		0.5383	mg
-			Supplier	Epoxy resins	129915-35-1		0.2345	mg
			Supplier	Tin (Sn)	7440-31-5		0.9683	mg
			Supplier	Magnesium Monoxide (MgO)	1309-48-4		0.1233	mg
			Supplier	Silica Amorphous (SiO2)	7631-86-9		0.451	mg
			Supplier	Ceramic	12013-47-7, 12047- 27-7		4.9285	mg
			Supplier	Palladium (Pd)	7440-05-3		0.0241	mg
			Supplier	Carbon Black (C)	1333-86-4		0.006	mg
			Supplier	Aluminum Trioxide (Al2O3)	1344-28-1		19.2508	mg
			В	Nickel (Ni)	7440-02-0		1.5005	mg
			А	Lead Oxide (PbO)	1317-36-8	7c	0.0571	mg
			Supplier	Copper (Cu)	7440-50-8		1.7892	mg
			Supplier	Silica Crystalline (SiO2)	14808-60-7		0.1985	mg
Die	8.06	mg	Supplier	Silicon (Si)	7440-21-3		8.0503	mg
			Supplier	Polyimide	Proprietary Data		0.0097	mg
ead Frame	465.16	mg	Supplier	Tin (Sn)	7440-31-5		0.2791	mg
			Supplier	Copper (Cu)	7440-50-8		464.8809	mg
Iold Compound-Black	2155.23	mg		Brominated epoxy resin	proprietary data		43.1046	mg
			Supplier	Phenolic Resin	Proprietary Data		150.8661	mg
			В	Antimony Trioxide (Sb2O3)	1309-64-4		43.1046	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		1508.661	mg
			Supplier	Ortho-Cresol Novolac Resin	29690-82-2		409.4937	mg
lating	0.94	mg	Supplier	Tin (Sn)	7440-31-5		0.582	mg
			В	Nickel (Ni)	7440-02-0		0.358	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).

Solder Ball	8.54	mg	Supplier	Silver (Ag)	7440-22-4	0.2383	mg
			Supplier	Tin (Sn)	7440-31-5	8.2531	mg
			В	Antimony (Sb)	7440-36-0	0.0068	mg
			Supplier	Copper (Cu)	7440-50-8	0.0418	mg
Wire Bond	1.33	mg	Supplier	Silicon (Si)	7440-21-3	0.0047	mg
			Supplier	Aluminum (Al)	7429-90-5	1.3253	mg