	Material Composition Declaration © 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 lower 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				*	Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materials and Mfg Information									
upplier Informat	ion														
Company name* Company unique ID					Unique ID Authority					Response Date*					
nsemi												2024-04-17			
ontact Name	-	Title - Contact			I	Phone - Contact*					Email - Contact*				
Product-Env-Steward	]	Product Enviro Compliance			]	NA					Product-Env-Stewards@onsemi.com				
Authorized Representative*			Title - Representative			I	Phone - Representative*					Email - Representative*			
Product-Env-Stewards Product Enviro Co				ro Compliance	NA Product-Env-Stewar					ards@onsemi.co	m				
Requester It	Requester Item Number Mfr Item		n Number Mfr Item Name			Effective Date	Versi	on	Manufacturing Site		V	Veight*	UOM	Unit Type	
		STK672-440AN-E Stepping motor drive		iver		2024-04-17		VN2			3	850.0	mg	Each	
	occess Information														
8 · · · · · · · · · · · · · · · · · · ·					-STD-020 MS1	L Rating	Peak Process Body Temperature Max Time at		me at Peak	T '		er of Reflow Cyc	eles		
Matte Tin (S	Sn) - annealed	CU	J Alloy	N	IA .		0		C	30		secono	ds 3		
omments															
r more information	regarding material com	iposition pl	lease refer to	page 3											

RoHS Material Composition Declaration			Declaration 7	Гуре *	Detailed							
Directive 2015/863/EU amending RoHS Directive 2011/65/EU												
Please indicate whether any homogeneous material (as defined by the RoHS Directive, EU 2011/65/EU and implemented by the laws of the European Union member states) of the part identified on this form contains lead, mercury, cadmium, hexavalentchromium, polybrominated biphenyls and/or polybrominated diphenyl ethers (each a "RoHS restricted substance") in excess of the applicable quantity limit identified above. If a homogeneous material within the part contains a RoHS restricted substance inexcess of an applicable quantity limit, please indicate below which, if any, RoHS exemption you believe may apply. If the part is an assembly with lower level components, the declaration shall encompass all such components. Supplier certifies that it gathered the information it provides in this form using appropriate methods to ensure its accuracy and that such information is true and correct to the best of its knowledge and belief, as of the date that Supplier completes this form. Supplier acknowledges that Company will rely on this certification in determining the compliance of its products with European Union member state laws that implement RoHS Directive. Company acknowledges that Supplier may have relied on information provided by others in completing this form, and that Supplier may not have independently verified such information. However, in situations where Supplier shave provided certifications regarding their contributions to the part, and those certifications are at least as comprehensive as the certification in this paragraph. If the Company and the Supplier enter into a written agreement with respect to the identified part, the terms and conditions of that agreement, including any warranty rights and/or remedies of Supplier's Standard Terms and/conditions of Sale applicable to such part shall apply.												
RoHS Declaration * 4 - Item(s	does not contain RoHS restricted substances	per the definition above except for sele	ted exemptions	Supplier Acceptance	* Accepted							
Exemption: 7c-I Electrical and electronic co	omponents containing lead in a glass or cera	mic other than dielectric ceramic in	apacitors, e.g. piezoelect	ronic devices, or in a glass or co	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 Ra	astislav Drska	E										

## **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
Ceramic Substrate	1190.04	mg	Supplier	Bisphenol A_Epichlorohydrin Polymer	25068-38-6		7.0212	mg
			Supplier	Aluminum Trioxide (Al2O3)	1344-28-1		46.1736	mg
			В	Nickel (Ni)	7440-02-0		2.0231	mg
			Supplier	Acrylic resins	Proprietary Data		0.833	mg
			Supplier	Copper (Cu)	7440-50-8		81.3987	mg
			Supplier	Barium Sulfate (BaSO4)	7727-43-7		0.595	mg
			Supplier	Aluminum (Al)	7429-90-5		1051.9954	mg
Chip Parts	23.04	mg	Supplier	Silver (Ag)	7440-22-4		0.364	mg
			Supplier	Epoxy resins	129915-35-1		0.1843	mg
			Supplier	Tin (Sn)	7440-31-5		0.7304	mg
			Supplier	Magnesium Monoxide (MgO)	1309-48-4		0.0415	mg
			Supplier	Silica Amorphous (SiO2)	7631-86-9		0.1889	mg
			Supplier	Ceramic	12013-47-7, 12047- 27-7		6.9028	mg
			Supplier	Aluminum Trioxide (Al2O3)	1344-28-1		10.5362	mg
			В	Nickel (Ni)	7440-02-0		1.6635	mg
			A	Lead Oxide (PbO)	1317-36-8	7c	0.023	mg
			Supplier	Copper (Cu)	7440-50-8		2.2072	mg
			Supplier	Silica Crystalline (SiO2)	14808-60-7		0.1981	mg
Die	9.53	mg	Supplier	Silicon (Si)	7440-21-3		9.5148	mg
			Supplier	Polyimide	Proprietary Data		0.0152	mg
Lead Frame	464.91	mg	Supplier	Tin (Sn)	7440-31-5		0.2789	mg
			Supplier	Copper (Cu)	7440-50-8		464.631	mg
Mold Compound-Black	2154.08	mg		Brominated epoxy resin	proprietary data		43.0816	mg
			Supplier	Phenolic Resin	Proprietary Data		150.7856	mg
			В	Antimony Trioxide (Sb2O3)	1309-64-4		43.0816	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		1507.8561	mg
			Supplier	Ortho-Cresol Novolac Resin	29690-82-2		409.2752	mg
Plating	0.94	mg	Supplier	Tin (Sn)	7440-31-5		0.582	mg
			В	Nickel (Ni)	7440-02-0		0.358	mg
Solder Ball	6.03	mg	Supplier	Silver (Ag)	7440-22-4		0.1682	mg
			Supplier	Tin (Sn)	7440-31-5		5.8274	mg

			В	Antimony (Sb)	7440-36-0	0.0048	mg
			Supplier	Copper (Cu)	7440-50-8	0.0295	mg
Wire Bond	1.43	mg	Supplier	Silicon (Si)	7440-21-3	0.0057	mg
			Supplier	Aluminum (Al)	7429-90-5	1.4243	mg