000	aterial Compositi Copyright 2005. IPC, E rnational and Pan-Am	Bannockbi	urn, Illinois. A	ll rights reserved untions.	nder both	This docume level parts, t	ent is a declaration	ion of the s encompasse	ubstances es all lowe	within the manufac er level materials for	turer listed which the	l item. Note: manufacture	if the item is an as r has engineering	sembly with lower responsibility.		
					Form Type Distribute	 Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Mater 					erials and I	ials and Mfg Information				
Supplier Information	1															
Company name*			Company unique ID			-	Unique ID Authority					Response Date*				
onsemi											2023-0	2023-06-08				
Contact Name			Title - Contact				Phone - Contact*				Email	Email - Contact*				
Product-Env-Stewards			Product Enviro Compliance				NA				Produ	Product-Env-Stewards@onsemi.com				
Authorized Representative*			Title - Representative				Phone - Representative*				Email	Email - Representative*				
Product-Env-Stewards			Product Enviro Compliance				NA				Produ	Product-Env-Stewards@onsemi.com				
Requester Item	ster Item Number Mfr Item N		Number Mfr Item Name				Effective Date	ive Date Version Manufacturing Site			Weight*	UOM	Unit Type			
]	LB1909MC-BH		Stepping Motor Driver			2023-06-08					72.0	mg	Each		
Manufacturing Proce	cess Information							-				-				
Terminal Plating / Grid Array Material Terr		erminal Base A	minal Base Alloy J-STD-020 MSI		L Rating	Peak Process Body Temperate		ure Max Time at Peak Temper		ature Num	ber of Reflow Cyc	les				
Matte Tin (Sn) - annealed CU			U Alloy 1			260 C		30	seco	onds 3						
Comments																
level 1 - maximum time at	peak temperature du	uring sole	dering is 10-3	0 seconds												
For more information reg	arding material com	position p	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	S 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 Mercury (Hg), Hexavalent Chromium (Cr6+), Polybrominated Biphenyls (PBB), Polybrominated Diphenyl Ethers (PBDE), and Bis(2-ethylhexyl) phthalate (DEHP), Benzyl-butyl late (BBP), Dibutyl phthalate (DBP), Disobutyl 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	on above	Supplier Acceptance	* Accepted							
Exemption: If the declared item does not contain RoHS restricted substances per the definition above except for defined RoHS exemptions, then select the corresponding response in the RoHS Declaration above and choose all applicable exemptions.											
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	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
Die	3.64	mg	Supplier	Silicon (Si)	7440-21-3		3.6265	mg
			Supplier	Polyimide	Proprietary Data		0.0135	mg
Die Attach	0.32	mg	Supplier	Silver (Ag)	7440-22-4		0.24	mg
			Supplier	Epoxy resins	129915-35-1		0.08	mg
Lead Frame	37.62	mg	Supplier	Silver (Ag)	7440-22-4		0.79	mg
			Supplier	Zinc (Zn)	7440-66-6		0.0752	mg
			Supplier	Iron (Fe)	7439-89-6		0.9367	mg
			Supplier	Copper (Cu)	7440-50-8		35.818	mg
Mold Compound-Black	28.4426	mg		Epoxy Phenol Resin	proprietary data		2.9865	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		25.4561	mg
Plating	1.89	mg	Supplier	Tin (Sn)	7440-31-5		1.89	mg
Wire Bond - Cu	0.0874	mg	Supplier	Copper (Cu)	7440-50-8		0.0874	mg