ASSOCIATION CON ELECTRONICS IND	Material Compos © Copyright 2005. IPC international and Pan-A	, Bannockb	urn, Illinois. A	Il rights reserved un ntions.	nder both	This docume level parts, t	ent is a declarati he declaration e	on of the su ncompasses	ibstances v s all lower	within the manufactur level materials for w	rer listed i hich the n	tem. Note: i nanufacturer	f the item is an as has engineering	sembly with lower responsibility.
1752-21.1	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 Materia					als and Mfg Information			
Supplier In	formation													
Company name*			Company unique ID				Unique ID Authority				Response Date*			
onsemi											2023-06-08			
Contact Name			Title - Contact				Phone - Contact*				Email - Contact*			
Product-Env-Stewards			Product Enviro Compliance				NA				Product-Env-Stewards@onsemi.com			
Authorized Representative*			Title - Representative				Phone - Representative*				Email - Representative*			
Product-Env-	Stewards	Product Enviro Compliance				NA				Product-Env-Stewards@onsemi.com				
Red	Requester Item Number Mfr Item		n Number Mfr Item Name				Effective Date	Version	ersion Manufacturing Site		,	Weight*	UOM	Unit Type
		LV8734\	/-TLM-H	Stepping motor driver			2023-06-08		P	РНМ		350.0	mg	Each
Manufactur	ring Proccess Informatio	n												
Terr	Terminal Plating / Grid Array Material T			Ferminal Base Alloy J-STD-020 MSL		L Rating	Peak Process Body Temperatu		emperatur	ure Max Time at Peak Temper		ure Numb	er of Reflow Cyc	eles
contains Bi CU			CU Alloy 3				260 C 30			30	seconds 3			
Comments														
ATTENTION:	: MSL 3 Rated item requires B	Bake and D	ry Pack (after	electrical test)										
For more infor	rmation regarding material co	mposition	please refer to	page 3										

RoHS Material Composition Declaration				Declaration Type *	Detailed
Directive 2015/863/EU amending RoHS Directive 2011/65/EU		nium (Cr6+), Polybro	ominated Biphenyls (PBB), Polybron	dmium and quantity limit of 0.1% by mass (100 minated Diphenyl Ethers (PBDE), and Bis(2-eth	
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 v 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 co 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 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
Die	10.04	mg	Supplier	Silicon (Si)	7440-21-3		10.0029	mg
			Supplier	Polyimide	Proprietary Data		0.0371	mg
Die Attach	0.55	mg	Supplier	Silver (Ag)	7440-22-4		0.4675	mg
			Supplier	Epoxy resins	129915-35-1		0.0743	mg
			Supplier	Polybutadiene polymer	Proprietary Data		0.0082	mg
Lead Frame	123.0	mg	Supplier	Zinc (Zn)	7440-66-6		0.2337	mg
			Supplier	Iron (Fe)	7439-89-6		3.1857	mg
			Supplier	Copper (Cu)	7440-50-8		119.4084	mg
			Supplier	Phosphorus (P)	7723-14-0		0.1722	mg
Mold Compound-Black	212.15	mg		Phenolic Resin	proprietary data		10.6075	mg
			Supplier	Epoxy Phenol Resin	Proprietary Data		5.9402	mg
			Supplier	Carbon Black (C)	1333-86-4		2.1215	mg
			Supplier	Aluminum Hydroxide (Al(OH)3)	21645-51-2		6.3645	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		169.72	mg
			Supplier	Ortho-Cresol Novolac Resin	29690-82-2		16.972	mg
			Supplier	Silica Crystalline (SiO2)	14808-60-7		0.4243	mg
Plating	3.85	mg	В	Bismuth (Bi)	7440-69-9		0.0231	mg
			Supplier	Tin (Sn)	7440-31-5		3.8269	mg
Wire Bond - Cu	0.41	mg	Supplier	Copper (Cu)	7440-50-8		0.41	mg