	CONNECTING Copyright 2005. IPC, Bannockburn, Illinois. All rights reserved under both international and Pan-American copyright conventions.				under both	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.								
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 Materials					s and Mfg Information			
Supplier	Information													
Company 1	name*	Company unique ID			Unique ID Authority				Respon	Response Date*				
onsemi										2023-06-08				
Contact Na	ime	Title - Contact			Phone - Contact*				Email - Contact*					
Product-E	nv-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				Produ	Product-Env-Stewards@onsemi.com			
	Requester Item Number Mfr Item N LB11923V		Number Mfr Item Name				Effective Date Version M		Manufacturing Site		Weight*	UOM	Unit Type	
			/-A-TLM-E 3PH PRE SENSOR CLOSE ; Three ph pre-driver with hall sensor method (clo loop speed control)				2023-06-08	3		РНМ		350.0	mg	Each
Manufac	turing Proccess Information	ı												
,	Terminal Plating / Grid Array Materia	al T	Ferminal Base Alloy J-STD-02		J-STD-020 MS	L Rating	Peak Process Body Tempe		Body Temperat	ature Max Time at Peak Ten		Femperature Number of Reflow Cycles		cles
contains Bi CU A			U Alloy	Alloy 3			260 C 30			seco	seconds 3			
Comments														
ATTENTI	ON: MSL 3 Rated item requires Ba	ke and D	ry Pack (after	electrical test)										
For more i	nformation regarding material com	position]	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	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 lercury (Hg), Hexavalent Chromium (Cr6+), Polybrominated Biphenyls (PBB), Polybrominated Diphenyl Ethers (PBDE), and Bis(2-ethylhexyl) phthalate (DEHP), Benzyl-butyl te (BBP), Dibutyl phthalate (DBP), Diisobutyl 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 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 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	6.19	mg	Supplier	Silicon (Si)	7440-21-3		6.1671	mg
			Supplier	Polyimide	Proprietary Data		0.0229	mg
Die Attach	1.3	mg	Supplier	Silver (Ag)	7440-22-4		0.8845	mg
			Supplier	Epoxy resins	129915-35-1		0.376	mg
			Supplier	Other Metal Oxide	Proprietary Data		0.0283	mg
			В	Antimony Pentoxide (Sb2O5)	1314-60-9		0.0112	mg
ead Frame	123.4	mg	Supplier	Silver (Ag)	7440-22-4		0.3949	mg
			Supplier	Zinc (Zn)	7440-66-6		0.2345	mg
			Supplier	Iron (Fe)	7439-89-6		3.1961	mg
			Supplier	Copper (Cu)	7440-50-8		119.4018	mg
			Supplier	Phosphorus (P)	7723-14-0		0.1728	mg
Iold Compound-Black	214.36	mg		Epoxy resin	proprietary data		21.436	mg
			Supplier	Silica Amorphous (SiO2)	7631-86-9		16.077	mg
			Supplier	Carbon Black (C)	1333-86-4		1.0718	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		175.7752	mg
lating	3.85	8.85 mg	В	Bismuth (Bi)	7440-69-9		0.0231	mg
			Supplier	Tin (Sn)	7440-31-5		3.8269	mg
Wire Bond - Au	0.9	mg	Supplier	Gold (Au)	7440-57-5		0.9	mg