	CONNECTING COpyright 2005. IPC, International and Pan-Art	Bannockb	urn, Illinois, A	ll rights reserved untions.	under both	This docum level parts, t	ent is a decla he declaratio	ration of t n encomp	the substance basses all low	s within the manufactu er level materials for w	rer listed	item. Note: if manufacturer	the item is an as	ssembly with lower responsibility.	
1752-21.1					Form Type * Distribute	* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materi				ials and N	ials and Mfg Information				
Supplier 1	Information														
Company name* Compa				ompany unique ID			Unique ID Authority				Respon	Response Date*			
onsemi											2024-0	2024-05-06			
Contact Na	ne	Title - Contact			Phone - Contact*				Email	Email - Contact*					
Product-En	v-Stewards	Product Enviro Compliance			NA				Product-Env-Stewards@onsemi.com						
Authorized	Representative*	Title - Representative				Phone - Representative*			Email	Email - Representative*					
Product-Env-Stewards			Product Enviro Compliance			NA			Product-Env-Stewards@onsemi.com						
]	Requester Item Number	Mfr Item	Number Mfr Item Name				Effective Date Version Manufacturing		Manufacturing Site	Weight*		UOM	Unit Type		
	LB11970FV		FV-TLM-H	TLM-H 1PH DRV SENSOR OPEN ; Single phase driver with hall sensor method (open loop speed control)			2024-05-06			РНМ		130.0	mg	Each	
Manufact	uring Proccess Information	1													
Т	Terminal Plating / Grid Array Material			erminal Base Alloy J-STD-020 MSI		Rating	Peak Pr	Peak Process Body Temperature		ure Max Time at Peak	k Temperature Number of Reflow Cycles		cles		
contains Bi CU Alloy				3		260		С	30	seco	onds 3				
Comments															
ATTENTIO	N: MSL 3 Rated item requires Ba	ke and D	ry Pack (after	electrical test)											
For more in	formation regarding material com	position j	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										
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 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 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	3.55	mg	Supplier	Silicon (Si)	7440-21-3		3.5369	mg
			Supplier	Polyimide	Proprietary Data		0.0131	mg
Die Attach	0.72	mg	Supplier	Silver (Ag)	7440-22-4		0.4899	mg
			Supplier	Epoxy resins	129915-35-1		0.2082	mg
			Supplier	Other Metal Oxide	Proprietary Data		0.0157	mg
			В	Antimony Pentoxide (Sb2O5)	1314-60-9		0.0062	mg
ead Frame	17.0	mg	Supplier	Zinc (Zn)	7440-66-6		0.0323	mg
			Supplier	Iron (Fe)	7439-89-6		0.4403	mg
			Supplier	Copper (Cu)	7440-50-8		16.5036	mg
			Supplier	Phosphorus (P)	7723-14-0		0.0238	mg
Iold Compound-Black	106.6	mg		Epoxy Phenol Resin	proprietary data		12.792	mg
			Supplier	Carbon Black (C)	1333-86-4		0.4264	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		90.1836	mg
			Supplier	Silica Crystalline (SiO2)	14808-60-7		3.198	mg
lating	1.8	mg	В	Bismuth (Bi)	7440-69-9		0.0108	mg
			Supplier	Tin (Sn)	7440-31-5		1.7892	mg
Wire Bond - Au	0.33	mg	Supplier	Gold (Au)	7440-57-5		0.33	mg