	CONNECTING OC Opyright 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				e *	Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materi					als and Mfg Information			
Supplier	Information													
Company 1	name*	Company unique ID				Unique ID Authority				Response Date*				
onsemi											2023-06-08			
Contact Na	ame	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				Product-Env-Stewards@onsemi.com			
	Requester Item Number Mfr Item N   LB11660F		Number Mfr Item Name				Effective Date Version Manufacturin		Manufacturing Site	Weight*		UOM	Unit Type	
			FV-W-AH	/-W-AH 1PH PRE SENSOR OPEN ; Single phi pre-driver with hall sensor method (op loop speed control)			2023-06-08	:		РНМ		80.0	mg	Each
Manufac	turing Proccess Information	1												
,	Terminal Plating / Grid Array Materi	al T	Cerminal Base Alloy J-STD-020 N		J-STD-020 MS	L Rating	Peak P	Peak Process Body Tempe		ture Max Time at Peak Tem		emperature Number of Reflow Cycles		eles
	contains Bi CU Allo			oy 3			260 C 30			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 con	position <b>j</b>	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), 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 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 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 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	2.94	mg	Supplier	Silicon (Si)	7440-21-3		2.9291	mg
			Supplier	Polyimide	Proprietary Data		0.0109	mg
Die Attach	0.6	mg	Supplier	Silver (Ag)	7440-22-4		0.4082	mg
			Supplier	Epoxy resins	129915-35-1		0.1735	mg
			Supplier	Other Metal Oxide	Proprietary Data		0.0131	mg
			В	Antimony Pentoxide (Sb2O5)	1314-60-9		0.0052	mg
lead Frame	6.56	mg	Supplier	Zinc (Zn)	7440-66-6		0.0085	mg
			Supplier	Iron (Fe)	7439-89-6		0.1542	mg
			Supplier	Copper (Cu)	7440-50-8		6.3921	mg
			Supplier	Phosphorus (P)	7723-14-0		0.0052	mg
Mold Compound-Black	68.6	mg		Epoxy Phenol Resin	proprietary data		0.5488	mg
			Supplier	Carbon Black (C)	1333-86-4		0.686	mg
			Supplier	Aluminum Hydroxide (Al(OH)3)	21645-51-2		4.116	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		54.88	mg
			Supplier	Ortho-Cresol Novolac Resin	29690-82-2		8.232	mg
			Supplier	Silica Crystalline (SiO2)	14808-60-7		0.1372	mg
lating	1.13	mg	В	Bismuth (Bi)	7440-69-9		0.0068	mg
			Supplier	Tin (Sn)	7440-31-5		1.1232	mg
Wire Bond - Cu	0.17	mg	Supplier	Copper (Cu)	7440-50-8		0.17	mg