ASSOCIATION CONNECTING LECTRONICS INDUSTRIES® INCLUSTRIES®	Bannockb	urn, Illinois. A	Il rights reserved un ntions.	nder both	This docum level parts,	ent is a declaration	ation of the encompas	e substance sses all low	es within the m ver level mater	nanufacture ials for wh	er listed i hich the n	tem. Note: nanufactur	if the item is an a er has engineering	sembly with lower responsibility.
	-21.1 IPC Web Site for Information on IPC-1752 Standard Form T http://www.ipc.org/IPC-175x Distribution				<ul> <li>Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Material</li> </ul>					als and M	uls and Mfg Information			
Supplier Information														
Company name*	Company unique ID				Unique ID Authority					Response Date*				
onsemi										2023-06-08				
Contact Name Tit			Title - Contact			Phone - Contact*				Email - Contact*				
Product-Env-Stewards	Product Enviro Compliance			NA				Product-Env-Stewards@onsemi.com						
Authorized Representative* Ti			Title - Representative			Phone - Representative*				Email - Representative*				
Product-Env-Stewards Pro			Product Enviro Compliance			NA				Product-Env-Stewards@onsemi.com				
Requester Item Number	Mfr Item	n Number Mfr Item Name				Effective Da	te Versio	on	Manufacturing Site			Weight*	UOM	Unit Type
	LB11851	LB11851MC-BH 1PH GATE NA driver (no speed			e gate	2023-06-08					,	72.0	mg	Each
Manufacturing Proccess Information	n													
Terminal Plating / Grid Array Material Terminal Bas		erminal Base A	Alloy J	-STD-020 MSL	Rating	Peak Pro	ocess Body	/ Temperat	ure Max Tim	e at Peak	Temperat	ure Nun	nber of Reflow Cy	cles
Matte Tin (Sn) - annealed CU Alloy			1			260		С	30		secon	ds 3		
Comments														
level 1 - maximum time at peak temperature	during sol	dering is 10-3	0 seconds											
For more information regarding material con	nposition <b>j</b>	olease refer to	page 3											

RoHS Material Composition Declaration				Declaration Type *	Detailed						
Directive 2015/863/EU amending RoHS Directive 2011/65/EU	RoHS 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 (Pb), Mercury (Hg), Hexavalent Chromium (Cr6+), Polybrominated Biphenyls (PBB), Polybrominated Diphenyl Ethers (PBDE), and Bis(2-ethylhexyl) phthalate (DEHP), Benzyl-butyl phthalate (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 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	1.84	mg	Supplier	Silicon (Si)	7440-21-3		1.8264	mg
			Supplier	Polyimide	Proprietary Data		0.0136	mg
Die Attach 0	0.16	mg	Supplier	Silver (Ag)	7440-22-4		0.12	mg
			Supplier	Epoxy resins	129915-35-1		0.04	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	30.3	mg		Epoxy Phenol Resin	proprietary data		3.1815	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		27.1185	mg
Plating	1.89	mg	Supplier	Tin (Sn)	7440-31-5		1.89	mg
Wire Bond - Au	0.19	mg	Supplier	Gold (Au)	7440-57-5		0.19	mg