	Material Compo © Copyright 2005. IF S INDUSTRIES* international and Pan	C, Bannockb	urn, Illinois. A	Il rights reserved u ntions.	nder both	This docume level parts, t	ent is a declaration	tion of encom	the substances passes all low	s within the ser level mate	manufacture erials for wh	er listed it hich the m	em. Note: it anufacturer	f the item is an as has engineering	sembly with lowe responsibility.	
1752-21.1					Form Type Distribute	* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Mater					ous Materia	ials and Mfg Information				
Supplier	· Information															
Company name*				Company unique ID			Unique ID Authority					Response Date*				
onsemi												2025-06-07				
Contact N	ame		Title - Contact			]	Phone - Contact*					Email - Contact*				
Product-E	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					
	Requester Item Number Mfr Iten   LM4310		n Number Mfr Item Name				Effective Date	e Vei	rsion	Manufacturing Site		v	Veight*	UOM	Unit Type	
			CZ	Z SHUNT-REG 0.5% TO-92			2025-06-07 CNF			223.536		mg	Each			
/Ianufa	cturing Proccess Informat	ion						·								
	Terminal Plating / Grid Array Material			Ferminal Base Alloy J-STD-020 MS		L Rating	Peak Process Body Temperatur		are Max Time at Peak Tempera		Temperatu	are Numb	er of Reflow Cyc	les		
Matte Tin (Sn) - annealed		C	CU Alloy NA			0 C		30 seco		second	is 3					
omments																
or more i	information regarding material (	composition	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	ances per the definitio	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.

sigma range of distribution unless otherwise noted).										
Homogeneous Material	Weight	Unit of Measure	Level	Substance	CAS	Exempt	Weight	Unit of Measure		
Die	0.075	mg	Supplier	Silicon (Si)	7440-21-3		0.075	mg		
Die Attach	0.038	mg	Supplier	Silver (Ag)	7440-22-4		0.0331	mg		
			Supplier	Phenolic Resin-2	54208-63-8		0.0049	mg		
Lead Frame	101.407	mg	Supplier	Silver (Ag)	7440-22-4		0.276	mg		
			Supplier	Iron (Fe)	7439-89-6		0.101	mg		
			Supplier	Copper (Cu)	7440-50-8		101	mg		
			Supplier	Phosphorus (P)	7723-14-0		0.03	mg		
Mold Compound-Black	112.0	mg	Supplier	2,6-dibromo-4-[1-(3-bromo-4- hydroxyphenyl)-1-methylethyl]phenol	6386-73-8		3.36	mg		
			Supplier	Ortho Cresol Novolac Resin	29690-82-2		22.4	mg		
			В	Antimony Trioxide (Sb2O3)	1309-64-4		2.8	mg		
			Supplier	Carbon Black (C)	1333-86-4		0.84	mg		
			Supplier	Fused Silica (SiO2)	60676-86-0		82.6	mg		
Plating	9.94	mg	Supplier	Tin (Sn)	7440-31-5		9.94	mg		
Wire Bond - Au	0.076	mg	Supplier	Gold (Au)	7440-57-5		0.076	mg		

Substance Instructions: [A] select the Level (JIG A, JIG B, Requester or Supplier) [B] select the substance category (JIG or Requester) or enter a value (Supplier). [C] select the substance (JIG) or enter the substance and CAS (Other). [D] select a RoHS exemption, if applicable [E] enter the weight of the substance or the PPM concentration [F] Optionally enter the positive (+) and negative (-) tolerance in percent (Note: percent tolerance values are expected to cover a 3 sigma range of distribution unless otherwise noted)