ASSOCIATION CONNECTING LECTRONICS INDUSTRIES INDUSTRIES INDUSTRIES	C. Bannockb	ourn. Illinois. A	Il rights reserved untions.	under both	This docume level parts, t	ent is a declara he declaration	tion of the s encompasse	ubstances es all lowe	within the n r level mater	nanufacture rials for wh	er listed iten iich the man	n. Note: i ufacturer	f the item is an as has engineering	sembly with lowe responsibility.
	1.1IPC Web Site for Information on IPC-1752 Standard http://www.ipc.org/IPC-175xFoDist				e * 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									2025-05-10					
Contact Name Title - Cont			Contact			Phone - Contact*				Email - Contact*				
Product-Env-Stewards Produc			roduct Enviro Compliance			NA				Product-Env-Stewards@onsemi.com				
Authorized Representative* Title -			itle - Representative			Phone - Representative*				Email - Representative*				
Product-Env-Stewards Product E			uct Enviro Compliance			NA				Product-Env-Stewards@onsemi.com				
Requester Item Number	Mfr Item	Number	lumber Mfr Item Name			Effective Dat	ective Date Version Manufacturing Site		ng Site	We	ight*	UOM	Unit Type	
	LM431S	CCMFX	SHUNT-REG 0.5% SOT-23F			2025-05-10		(CNF		12.	328	mg	Each
Manufacturing Proccess Information	on													
Terminal Plating / Grid Array Mat	ting / Grid Array Material Terminal Base .		Alloy	J-STD-020 MSL Rating		Peak Pro	Peak Process Body Temperatu		ure Max Time at Peak Temper		Femperature	mperature Number of Reflow Cycles		les
Matte Tin (Sn) - annealed CU Alloy		CU Alloy		1		260	260 C 3		30		seconds 3			
Comments														
evel 1 - maximum time at peak temperatur	e during sol	dering is 10-3	0 seconds											
or more information regarding material c	omposition	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	HS 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 halate (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 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	1.67	mg	Supplier	Silicon (Si)	7440-21-3		1.67	mg
Die Attach	0.047	mg	Supplier	Silver (Ag)	7440-22-4		0.035	mg
			Supplier	Ortho Cresol Novolac Resin	29690-82-2		0.012	mg
Lead Frame	4.826	mg	Supplier	Silver (Ag)	7440-22-4		0.024	mg
			Supplier	Iron (Fe)	7439-89-6		0.002	mg
			Supplier	Copper (Cu)	7440-50-8		4.8	mg
			Supplier	Phosphorus (P)	7723-14-0		-0	mg
Mold Compound-Black	5.51	mg	Supplier	Ortho Cresol Novolac Resin	29690-82-2		1.102	mg
			Supplier	Carbon Black (C)	1333-86-4		0.055	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		4.353	mg
Plating	0.203	mg	Supplier	Tin (Sn)	7440-31-5		0.203	mg
Wire Bond - Au	0.072	mg	Supplier	Gold (Au)	7440-57-5		0.072	mg