ASSOCIATION CONNECTING ELECTRONICS INDUSTRIES® INTERNATION CONNECTING	. Bannockb	urn, Illinois, A	ll rights reserved utions.	under both	This docume level parts, t	ent is a declarati the declaration e	on of the su	bstances v s all lower	vithin the manufacture level materials for v	urer listed which the	item. Note: i manufacture	if the item is an as r has engineering	sembly with low responsibility.	
	1.1IPC Web Site for Information on IPC-1752 Standard http://www.ipc.org/IPC-175xForm Distr				* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materials and Mfg					Mfg Informat	tion			
upplier Information														
ompany name* Company un			nique ID			Unique ID Authority				Respo	Response Date*			
emi										2023-0	2023-06-08			
Contact Name	Name Title - Contact					Phone - Contact*				Email	Email - Contact*			
roduct-Env-Stewards Product Enviro Compli			ro Compliance	Compliance		NA				Produ	Product-Env-Stewards@onsemi.com			
uthorized Representative* Title - Representative			entative	Pho			Phone - Representative*			Email	Email - Representative*			
Product-Env-Stewards Product Enviro			o Compliance			NA				Produ	Product-Env-Stewards@onsemi.com			
Requester Item Number	Mfr Item Number		Mfr Item Name			Effective Date	Date Version Manufacturing Sit		anufacturing Site		Weight*	UOM	Unit Type	
	LM2931	2931AD2T-5R4G ANA 100MA 5V I		LDO VREG		2023-06-08		М	MY1		909.21	mg	Each	
Anufacturing Proccess Informatio	on											·		
Terminal Plating / Grid Array Mater	rial T	Terminal Base Alloy J		J-STD-020 MSI	L Rating	Peak Proc	ocess Body Temperature Max Time at Peak		k Temper	ature Numl	ber of Reflow Cyc	cles		
Matte Tin (Sn) - annealed CU Alloy		U Alloy		1		260		С	30	seco	onds 3			
omments														
vel 1 - maximum time at peak temperature	during sol	dering is 10-3	0 seconds											
or more information regarding material co	mposition	please 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), Diisobutyl phthalate (DIBP).									
cadmium, hexavalentchromium, polybromina contains a RoHS restricted substance inexces encompass all such components. Supplier cer as of the date that Supplier completes this for Company acknowledges that Supplier may h independently verified information provided certification in this paragraph. If the Company	ated biphenyls and/or polybrominated dip s of an applicable quantity limit, please in iffies that it gathered the information it pr m.Supplier acknowledges that Company ave relied on informationprovided by oth by others, Supplier agrees that, at a minir and the Supplier enter into a written agr esource of the Supplier's liability and the	henyl ethers (each a "RoHS restricted substa ndicate below which, if any, RoHS exemption ovides in this form using appropriate methoo will rely on this certification in determining ers in completing this form, and that Supplie num, itssuppliers have provided certification eement with respect to the identified part, the Company's remedies for issues that arise reg	nce") in exco n you believe ls to ensure i the compliar r may not ha s regarding t terms and co	e may apply. If the part is an assembly with low s accuracy and that such information is true an ce of its products with European Union member de independently verified such information. Ho neir contributions to the part, and those certifica	ove. If a homogeneous material within the part er level components, the declaration shall d correct to the best of its knowledge and belief, er state laws that implement the RoHS Directive. wever, in situations where Supplier has not ations are at least as comprehensive as the anty rights and/or remedies provided as part of					
RoHS Declaration * 4 - Item(s) does not contain RoHS restricted subst	ances per the definition above except for sele	ected exempt	ions Supplier Acceptance	* Accepted					
Exemption: 7a: Lead in high melting temp	erature type solders (i.e. lead based sol	der alloys containing 85% by weight or m	ore lead).							
Exemption List Version	EL-2011/534/EU									
Declaration Signature										
Instructions: Complete all of the required Requester) and click on Submit Form to h			e drop-dowi	a. This will display the signature area. Digita	lly sign the declaration (if required by the					
Supplier Digital Signature	astislav 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	0.19	mg	Supplier	Silicon (Si)	7440-21-3		0.19	mg
Die Attach	11.31	mg	А	Lead (Pb)	7439-92-1	7a	10.7445	mg
			Supplier	Tin (Sn)	7440-31-5		0.5655	mg
Lead Frame	340.51	mg	В	Nickel (Ni)	7440-02-0		1.0215	mg
			Supplier	Copper (Cu)	7440-50-8		339.4885	mg
Mold Compound-Black	529.31	mg		Epoxy resin	proprietary data		26.4655	mg
			Supplier	Phenolic Resin	Proprietary Data		26.4655	mg
			Supplier	Ortho Cresol Novolac Resin	29690-82-2		10.5862	mg
			Supplier	Carbon Black (C)	1333-86-4		2.6465	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		463.1462	mg
Plating	27.15	mg	Supplier	Tin (Sn)	7440-31-5		27.15	mg
Wire Bond - Cu	0.74	mg	Supplier	Copper (Cu)	7440-50-8		0.74	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 signar range of distribution unless otherwise noted)