© Cop	rial Composition I yright 2005. IPC, Banno tional and Pan-America	ckburn, Illinois. A	Il rights reserved un ntions.	nder both	This docume level parts, t	ent is a declarat he declaration	ion of the su encompasses	ubstances v s all lower	within the manufactur level materials for w	er listed it hich the m	em. Note: it anufacturer	f the item is an as has engineering	sembly with lower responsibility.	
	IPC Web Site for Information on IPC-1752 Standard Form Type http://www.ipc.org/IPC-175x Distribute				*	Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materi					als and Mfg Information			
Supplier Information														
Company name* Co			Company unique ID			Unique ID Authority				Response Date*				
onsemi										2023-06-08				
Contact Name Titl			Title - Contact			Phone - Contact*				Email - Contact*				
Product-Env-Stewards Pro			Product Enviro Compliance			NA				Product-Env-Stewards@onsemi.com				
Authorized Representative* Title -			itle - Representative			Phone - Representative*			Email - Representative*					
Product-Env-Stewards Pro			Product Enviro Compliance			NA				Product-Env-Stewards@onsemi.com				
Requester Item Nu	quester Item Number Mfr Item Num		Number Mfr Item Name			Effective Date	Version	Ν	Ianufacturing Site	١	Weight*	UOM	Unit Type	
	LA72	LA72912V-TLM-H FM Modulator De		emodulator		2023-06-08		Р	РНМ		50.0	mg	Each	
Manufacturing Procces	ss Information													
Terminal Plating /	Terminal Plating / Grid Array Material Termina		ase Alloy J-STD-020 MSL I		L Rating	Peak Process Body Temperatur		ure Max Time at Peak Tempera		nperature Number of Reflow Cycles		eles		
contains Bi CU AI		CU Alloy	3			260 C 30		30	seconds 3					
Comments														
ATTENTION: MSL 3 Rated	item requires Bake an	l Dry Pack (after	electrical test)											
for more information regard	ling material compositi	on 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, 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	eneous Material Weight Unit of Measure		Level	Substance	CAS	Exempt	Weight	Unit of Measure
Die	3.05	mg	Supplier	Silicon (Si)	7440-21-3		3.0387	mg
			Supplier	Polyimide	Proprietary Data		0.0113	mg
Die Attach	0.62	mg	Supplier	Silver (Ag)	7440-22-4		0.4402	mg
			Supplier	Epoxy resins	129915-35-1		0.1798	mg
Lead Frame	49.21	mg	Supplier	Zinc (Zn)	7440-66-6		0.064	mg
			Supplier	Iron (Fe)	7439-89-6		1.1564	mg
			Supplier	Copper (Cu)	7440-50-8		47.9502	mg
			Supplier	Phosphorus (P)	7723-14-0		0.0394	mg
Mold Compound-Black	95.25	mg		Epoxy Phenol Resin	proprietary data		11.43	mg
			Supplier	Carbon Black (C)	1333-86-4		0.381	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		80.5815	mg
			Supplier	Silica Crystalline (SiO2)	14808-60-7		2.8575	mg
Plating	1.7	mg	В	Bismuth (Bi)	7440-69-9		0.0102	mg
			Supplier	Tin (Sn)	7440-31-5		1.6898	mg
Wire Bond - Cu	0.17	mg	Supplier	Copper (Cu)	7440-50-8		0.17	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).