ABSOCIATION CONNECTING ELECTRONICS INDUSTRIES® INDUSTRIES®	ckburn, Illinois. A	ll rights reserved ur ntions.	nder both	This docume level parts, t	ent is a declarat he declaration	ion of the s encompasse	ubstances es all lower	within the manufactur r level materials for wi	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* Company unique ID				Unique ID Authority				Response Date*					
onsemi									2023-06-08				
Contact Name	Title - Contact			]	Phone - Contact*				Email - Contact*				
Product-Env-Stewards	duct-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 1	ber Mfr Item Number		Mfr Item Name		Effective Date	version	N	Manufacturing Site		Weight*	UOM	Unit Type	
LCOS	111C21MTTTG 1 cell LiB Protection IC		on IC		2023-06-08		F	РНМ		26.64	mg	Each	
Manufacturing Proccess Information													
Terminal Plating / Grid Array Material	Terminal Base Alloy J-S'		-STD-020 MSL	Rating	Peak Process Body Tempe		'emperatur	ture Max Time at Peak Te		ure Numb	er of Reflow Cyc	les	
contains Bi CU Alloy 3				260		С	30	secon	ds 3				
Comments													
ATTENTION: MSL 3 Rated item requires Bake an	d Dry Pack (after	electrical test)											
For more information regarding material composit	on please refer to	page 3											

RoHS Material Composition Declaration				Declaration Type *	Detailed
Directive 2015/863/EU amending RoHS Directive 2011/65/EU		mium (Cr6+), Polybrominated Biphenyls (Pl		dmium and quantity limit of 0.1% by mass (10 minated Diphenyl Ethers (PBDE), and Bis(2-et	
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 ifies 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.

sigma range of distribution unless otherwise noted).									
Homogeneous Material	Weight	Unit of Measure	Level	Substance	CAS	Exempt	Weight	Unit of Measure	
Die	2.41	mg	Supplier	Silicon (Si)	7440-21-3		2.41	mg	
Die Attach Solder	0.89	mg	Supplier	Silver (Ag)	7440-22-4		0.0223	mg	
			А	Lead (Pb)	7439-92-1	7a	0.8232	mg	
			Supplier	Tin (Sn)	7440-31-5		0.0445	mg	
Lead Frame	12.04	mg	Supplier	Silver (Ag)	7440-22-4		0.3612	mg	
			Supplier	Tin (Sn)	7440-31-5		0.0181	mg	
			Supplier	Copper (Cu)	7440-50-8		11.6607	mg	
Mold Compound-Black	10.73	mg	Supplier	Ortho Cresol Novolac Resin	29690-82-2		1.073	mg	
			Supplier	Carbon Black (C)	1333-86-4		0.0536	mg	
			Supplier	Aluminum Hydroxide (Al(OH)3)	21645-51-2		1.5558	mg	
			Supplier	Fused Silica (SiO2)	60676-86-0		6.9745	mg	
			Supplier	Phenolic Resin (Novolac)	9003-35-4		1.073	mg	
Plating	0.54	mg	В	Bismuth (Bi)	7440-69-9		0.0041	mg	
			Supplier	Tin (Sn)	7440-31-5		0.536	mg	
Wire Bond - Au	0.03	mg	Supplier	Gold (Au)	7440-57-5		0.03	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 signa range of distribution unless otherwise noted).