ASDCIATION CONNECTING ELECTRONICS (MOUSTRIES+) international and Pan-American co	ourn. Illinois. All rights reserved	under both This of level	document is a parts, the dec	a declaration	n of the substanc compasses all lo	es within the manufactures within the manufacture wer level materials for w	rer listed iter hich the man	m. Note: if th nufacturer ha	he item is an as as engineering	sembly with lower responsibility.	
IPC Web Site for Information on I   http://www.ipc.org/IPC-175x	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 Materials and Mfg Info				Informatior	1		
Supplier Information											
Company name*		Unique ID Authority				Response Date*					
onsemi								2023-06-08			
Contact Name	Title - Contact		Phone	Phone - Contact*			Email - Contact*				
Product-Env-Stewards	Product Enviro Compliance		NA	NA			Product-Env-Stewards@onsemi.com				
Authorized Representative*	rized Representative* Title - Representative		Phone - Representative*			Email - Representative*					
Product-Env-Stewards		NA				Product-Env-Stewards@onsemi.com					
Requester Item Number Mfr Item	Number Mfr Item Name	Mfr Item Name		ctive Date	Version	Manufacturing Site	W	eight*	UOM	Unit Type	
MC100L G	LVE310FNR2 BBG ECL BUF	R FANOUT DIFF	2023	-06-08		PH1	10	80.01	mg	Each	
Manufacturing Proccess Information											
Terminal Plating / Grid Array Material	Terminal Base Alloy J-STD-020 M		ng l	Peak Process Body Temperature Max Time at Pe		k Temperature Number of Reflow Cycles					
Matte Tin (Sn) - annealed CU Alloy 3		3		260	С	30	seconds	3			
Comments											
ATTENTION: MSL 3 Rated item requires Bake and D	Ory Pack (after electrical test)										
For more 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 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	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 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.

sigma range of distribution unless otherwise noted).									
Homogeneous Material	Weight	Unit of Measure	Level	Substance	CAS	Exempt	Weight	Unit of Measure	
Die	6.52	mg	Supplier	Silicon (Si)	7440-21-3		6.52	mg	
Die Attach	16.2	mg	Supplier	Silver (Ag)	7440-22-4		12.15	mg	
			Supplier	Epoxy resins	129915-35-1		4.05	mg	
Lead Frame 253.8	253.86	mg	Supplier	Silver (Ag)	7440-22-4		3.0463	mg	
			Supplier	Zinc (Zn)	7440-66-6		0.5077	mg	
			Supplier	Iron (Fe)	7439-89-6		6.6004	mg	
			Supplier	Copper (Cu)	7440-50-8		243.7056	mg	
Mold Compound-Black 7	782.44	mg		Epoxy resin	proprietary data		54.7708	mg	
			Supplier	Phenolic Resin	Proprietary Data		54.7708	mg	
			Supplier	Silica Amorphous (SiO2)	7631-86-9		117.366	mg	
			Supplier	Carbon Black (C)	1333-86-4		3.9122	mg	
			Supplier	Fused Silica (SiO2)	60676-86-0		551.6202	mg	
Plating	19.83	mg	Supplier	Tin (Sn)	7440-31-5		19.83	mg	
Wire Bond - Au	1.16	mg	Supplier	Gold (Au)	7440-57-5		1.16	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