ABBOGIATION CONNECTING ELECTRONICE INDUSTRIES® INC. INC. BAINOCK International and Pan-American c	burn. Illinois. All rights reserved u	under both This docu level parts	ment is a declaration entry the declaration entry of the declaration en	on of the substance acompasses all low	es within the manufactur ver level materials for wl	er listed item. Note: hich the manufacture	if the item is an as er has engineering	ssembly with lower responsibility.	
IPC Web Site for Information on http://www.ipc.org/IPC-175x	IPC Web Site for Information on IPC-1752 Standard Form Typ http://www.ipc.org/IPC-175x Distribute			Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materials and Mfg Information (1997)					
Supplier Information									
Company name*	npany name* Company unique ID		Unique ID Authority			Response Date*			
onsemi						2025-06-06			
Contact Name	Title - Contact		Phone - Contact*			Email - Contact*			
Product-Env-Stewards	Env-Stewards Product Enviro Compliance		NA			Product-Env-Stewards@onsemi.com			
Ithorized Representative* Title - Representative			Phone - Representative*			Email - Representative*			
Product-Env-Stewards Product Enviro Com		Compliance		NA			Product-Env-Stewards@onsemi.com		
Requester Item Number Mfr Iten	n Number Mfr Item Name	Mfr Item Name		Version	Manufacturing Site	Weight*	UOM	Unit Type	
FOD814	A3SD 4PB AC TR T&R	R VDE	2025-06-06		LITEONFG	224.155	mg	Each	
Manufacturing Proccess Information									
Terminal Plating / Grid Array Material	Ferminal Base Alloy	J-STD-020 MSL Rating	Peak Proce	Peak Process Body Temperature Max Tim		k Temperature Number of Reflow Cycles		cles	
Matte Tin (Sn) - annealed CU Alloy 1		1	260	С	30	seconds 3			
Comments									
evel 1 - maximum time at peak temperature during so	ldering is 10-30 seconds								
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	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 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 co 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.

Homogeneous Material	Weight	Unit of Measure	Level	Substance	CAS	Exempt	Weight	Unit of Measure
Coupling Gel	0.74	mg	Supplier	Methylhydrogen Siloxane, Trimethylsiloxy-terminated	63148-57-2		0.037	mg
			Supplier	Filler (SiO2)	68909-20-6		0.111	mg
			Supplier	Dimethyl Siloxane	68083-19-2		0.592	mg
Die	0.099	mg	В	Gallium Arsenide (AsGa)	1303-00-0		0.033	mg
			Supplier	Silicon (Si)	7440-21-3		0.066	mg
Die Attach	0.085	mg	Supplier	Silver (Ag)	7440-22-4		0.0697	mg
			Supplier	Phenolic Resin (Novolac)	9003-35-4		0.0153	mg
Lead Frame	55.77	mg	Supplier	Sulfur (S)	7704-34-9		0.0056	mg
			Supplier	Carbon (C)	7440-44-0		0.0558	mg
			Supplier	Manganese (Mn)	7439-96-5		0.1394	mg
			Supplier	Silicon (Si)	7440-21-3		0.0558	mg
			Supplier	Iron (Fe)	7439-89-6		55.5079	mg
			Supplier	Phosphorus (P)	7723-14-0		0.0056	mg
Mold Compound-Black	100.0	mg	В	Brominated Bisphenol A Diglycidyl Ether	40039-93-8		2	mg
			В	Antimony Trioxide (Sb2O3)	1309-64-4		1.5	mg
			Supplier	Carbon Black (C)	1333-86-4		0.5	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		71	mg
			Supplier	Ortho-Cresol Novolac Resin	29690-82-2		17.5	mg
			Supplier	Phenolic Resin (Novolac)	9003-35-4		7.5	mg
Mold Compound-White	63.2	mg	Supplier	Ortho Cresol Novolac Resin	29690-82-2		12.64	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		44.24	mg
			Supplier	Phenolic Resin (Novolac)	9003-35-4		6.32	mg
Plating	4.21	mg	Supplier	Tin (Sn)	7440-31-5		4.21	mg
Wire Bond - Au	0.051	mg	Supplier	Gold (Au)	7440-57-5		0.051	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).