ASSOCIATION CONNECTING ASSOCIATION CONNECTING ELECTRONICS INDUSTRIES® international and Par	PC. Bannockl	burn. Illinois. A	Il rights reserved untions.	under both	This docume level parts, t	ent is a declaration en declaration en	on of the su compasses	bstances v all lower	within the manufactu level materials for w	rer listed i	tem. Note: i nanufacture	f the item is an as r has engineering	sembly with low responsibility.
			Form Type Distribute					ials and Mfg Information					
upplier Information													
Company name* Com		Company un	Company unique ID			Unique ID Authority				Response Date*			
onsemi										2023-06-08			
ontact Name Title - Contact			ict			Phone - Contact*				Email - Contact*			
Product-Env-Stewards Product Envi			viro Compliance			NA				Product-Env-Stewards@onsemi.com			
Authorized Representative* Title - Representative			resentative			Phone - Representative*				Email - Representative*			
Product-Env-Stewards Product 1			duct Enviro Compliance			NA				Product-Env-Stewards@onsemi.com			
Requester Item Number	Mfr Iten	n Number	Mfr Item Name			Effective Date	Version	М	Ianufacturing Site		Weight*	UOM	Unit Type
	FOD050	D050L SO8 3.3V 1MB		ΓR		2023-06-08		L	LITEONFG		135.043	mg	Each
Ianufacturing Proccess Informa	tion					·		·					
Terminal Plating / Grid Array M	aterial T	Ferminal Base A	Illoy J-STD-020 MSL Ratin		Rating	Peak Proce	Process Body Temperature N		e Max Time at Peak	k Temperature Nu		per of Reflow Cyc	les
Matte Tin (Sn) - annealed CU Alle		CU Alloy	1			260 C		С	30 seco		seconds 3		
omments													
vel 1 - maximum time at peak temperatu	ure during so	Idering is 10-3	0 seconds										
or 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 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.

Homogeneous Material	Weight	Unit of Measure	Level	Substance	CAS	Exempt	Weight	Unit of Measure
Die	4.043	mg	В	Gallium Arsenide (AsGa)	1303-00-0		0.283	mg
			Supplier	Silicon (Si)	7440-21-3		3.76	mg
Die Attach	0.25	mg		Hardener	proprietary data		0.0125	mg
			Supplier	Silver (Ag)	7440-22-4		0.2188	mg
			Supplier	Dicyandiamine	461-58-5		0.0012	mg
			Supplier	Formaldehyde Polymer	9003-36-5		0.0175	mg
Lead Frame	28.246	mg	Supplier	Zinc (Zn)	7440-66-6		0.0339	mg
			Supplier	Iron (Fe)	7439-89-6		0.6638	mg
			Supplier	Copper (Cu)	7440-50-8		27.5399	mg
			Supplier	Phosphorus (P)	7723-14-0		0.0085	mg
Mold Compound-White	92.49	mg		Epoxy resin	proprietary data		12.4861	mg
			Supplier	Phenol Resin	Proprietary Data		5.0869	mg
			Supplier	Titanium Dioxide (TiO2)	13463-67-7		23.1225	mg
			В	Brominated Bisphenol A Diglycidyl Ether	40039-93-8		2.7747	mg
			В	Antimony Trioxide (Sb2O3)	1309-64-4		2.7747	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		46.245	mg
Plating	0.554	mg	Supplier	Silver (Ag)	7440-22-4		0.0085	mg
			Supplier	Palladium (Pd)	7440-05-3		0.0198	mg
			В	Nickel (Ni)	7440-02-0		0.5144	mg
			Supplier	Gold (Au)	7440-57-5		0.0113	mg
Protective Coating	9.1	mg	Supplier	Poly(dimethylsiloxane), hydroxy terminated	70131-67-8		4.55	mg
			Supplier	Ethylbenzene	100-41-4		0.91	mg
			Supplier	Filler (SiO2)	68909-20-6		1.729	mg
			Supplier	Misc.	Proprietary Data		0.091	mg
			Supplier	Xylene	1330-20-7		1.82	mg
Wire Bond - Au	0.36	mg	Supplier	Gold (Au)	7440-57-5		0.36	mg