ABSOLATION CONNECTING ELECTRONICS INDUSTRIESS INDUSTRIESS INDUSTRIESS	ockburn, Illinois. A	Il rights reserved untions.	under both	This docume level parts, t	ent is a declar he declaration	ation of the n encompass	substances es all lowe	within the manut r level materials	facturer listed for which the	d item. N e manufa	Note: if th acturer ha	e item is an as: s engineering i	sembly with lower responsibility.	
	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 Mater					als and Mfg Information				
Supplier Information														
Company name* Company unique ID				Unique ID Authority					Respo	Response Date*				
onsemi					2023-06-08									
Contact Name	ntact Name Title - Contact				Phone - Contact*				Email	Email - Contact*				
Product-Env-Stewards Product Enviro Compliance					NA				Prod	Product-Env-Stewards@onsemi.com				
Authorized Representative* Title - Representative]	Phone - Representative*				Email	Email - Representative*				
Product-Env-Stewards	Product Envi	Enviro Compliance			NA				Prod	Product-Env-Stewards@onsemi.com				
Requester Item Number Mfr	r Item Number Mfr Item Nan		ie		Effective Da	ate Version	n]	Manufacturing Site		Weigh	nt*	UOM	Unit Type	
NLZ	2G16AMUTCG DUAL BUFFER				2023-06-08]	РНМ		22.08		mg	Each	
Manufacturing Proccess Information						1				- I				
Terminal Plating / Grid Array Material	Terminal Base	Cerminal Base Alloy		L Rating	Peak Pr	Peak Process Body Temperature N		e Max Time at Peak Tempera		rature	are Number of Reflow Cycles			
Precious metal (e.g. Ag,Au, NiPdAu) (n Sn)	Precious metal (e.g. Ag,Au, NiPdAu) (no Sn) CU Alloy				260		C	30		onds	nds 3			
Comments	· · · · · · · · · · · · · · · · · · ·							·						
evel 1 - maximum time at peak temperature durir	g soldering is 10-3	0 seconds												
or more information regarding material composi	ion 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), Disobutyl 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.

sigma range of distribution unless otherwise noted).									
Homogeneous Material	eous Material Weight Unit of Measure Level		Level	Substance	CAS	Exempt	Weight	Unit of Measure	
Die	0.2	mg	Supplier	Silicon (Si)	7440-21-3		0.2	mg	
Die Attach	0.45	mg	Supplier	Epoxized Condensate Of Para- Hydrobenzaldehyde And Alkyl Phenol	129915-35-1		0.144	mg	
			Supplier	Aluminum Trioxide (Al2O3)	1344-28-1		0.306	mg	
Lead Frame	6.97	mg	Supplier	Silver (Ag)	7440-22-4		1.9446	mg	
			Supplier	Iron (Fe)	7439-89-6		0.0767	mg	
			Supplier	Copper (Cu)	7440-50-8		4.9487	mg	
Mold Compound-Black	12.08	mg		Epoxy resin	proprietary data		0.8456	mg	
			Supplier	Phenolic Resin	Proprietary Data		0.8456	mg	
			Supplier	Silica Amorphous (SiO2)	7631-86-9		1.812	mg	
			Supplier	Carbon Black (C)	1333-86-4		0.0604	mg	
			Supplier	Fused Silica (SiO2)	60676-86-0		8.5164	mg	
Plating	0.71	mg	Supplier	Palladium (Pd)	7440-05-3		0.0227	mg	
			В	Nickel (Ni)	7440-02-0		0.6795	mg	
			Supplier	Gold (Au)	7440-57-5		0.0078	mg	
Wire Bond - Au	1.67	mg	Supplier	Gold (Au)	7440-57-5		1.67	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).