ABBOGIATION CONNECTING ELECTRONICE INDUSTRIES® INCLUSTRIES®	burn, Illinois. All rights reserve	d under both	document is l parts, the de	a declaratio	n of the substance compasses all low	es within the manufacture er level materials for wh	er listed iten hich the mar	n. Note: if th nufacturer ha	ne item is an as as engineering	sembly 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 Ty			Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materials and Mfg Information							
Supplier Information											
Company name*		Unique ID Authority			Response Date*						
onsemi	emi							2023-06-08			
Contact Name	ame Title - Contact			Phone - Contact*				Email - Contact*			
Product-Env-Stewards	v-Stewards Product Enviro Compliance			NA				Product-Env-Stewards@onsemi.com			
Authorized Representative*	orized Representative* Title - Representative		Phone - Representative*			Email - Representative*					
Product-Env-Stewards		NA				Product-Env-Stewards@onsemi.com					
Requester Item Number Mfr Iter	n Number Mfr Item Nam	Mfr Item Name		ctive Date	Version	Manufacturing Site		eight*	UOM	Unit Type	
NCL28	01CDBDR2G Enhanced, Hig Controller for	h-Efficiency Power Fac Lighting	tor 2023	3-06-08		PH1	80.	91	mg	Each	
Manufacturing Proccess Information											
Terminal Plating / Grid Array Material	d Array Material Terminal Base Alloy J		ing	Peak Process Body		Temperature Max Time at Peak T		e Number	of Reflow Cyc	les	
Matte Tin (Sn) - annealed CU Alloy 1				260	С	30	seconds	3			
Comments											
level 1 - maximum time at peak temperature during s	oldering 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	(Pb), Mercury (Hg), Hexavalent Chror	toHS 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 hthalate (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	3.09	mg	Supplier	Silicon (Si)	7440-21-3		3.09	mg
Die Attach	0.28	mg		Epoxy resin	proprietary data		0.028	mg
			Supplier	Ethylene dimethacrylate	97-90-5		0.014	mg
			Supplier	Silver (Ag)	7440-22-4		0.224	mg
			Supplier	Formaldehyde Polymer	9003-36-5		0.014	mg
Lead Frame	27.82	mg	Supplier	Silver (Ag)	7440-22-4		0.1669	mg
			Supplier	Zinc (Zn)	7440-66-6		0.0334	mg
			Supplier	Iron (Fe)	7439-89-6		0.6538	mg
			Supplier	Copper (Cu)	7440-50-8		26.9576	mg
			Supplier	Phosphorus (P)	7723-14-0		0.0083	mg
Mold Compound-Black	48.72	mg		Epoxy resin	proprietary data		2.436	mg
			Supplier	Phenolic Resin	Proprietary Data		2.436	mg
			Supplier	Ortho Cresol Novolac Resin	29690-82-2		0.9744	mg
			Supplier	Carbon Black (C)	1333-86-4		0.2436	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		42.63	mg
Plating	0.94	mg	Supplier	Tin (Sn)	7440-31-5		0.94	mg
Wire Bond	0.06	mg	Supplier	Palladium (Pd)	7440-05-3		0.0013	mg
			Supplier	Gold (Au)	7440-57-5		0.0001	mg
			Supplier	Copper (Cu)	7440-50-8		0.0586	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).