ABSOCIATION CONNECTING ELECTRONICE INDUSTRIES® INCLUSTRIES®	burn, Illinois. All rights reserve	ed under both This do level p	ocument is a declarati	tration of the	he substances asses all low	s within the manufacture er level materials for wh	er listed item	n. Note: if th ufacturer ha	e item is an as s engineering	sembly with lower responsibility.	
1752-21.1 IPC Web Site for Information on I http://www.ipc.org/IPC-175x	IPC Web Site for Information on IPC-1752 Standard Form Tyj http://www.ipc.org/IPC-175x Distribute			Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materials and Mfg Inform							
Supplier Information											
Company name*		Unique ID Authority				Response Date*					
onsemi						2023-06-08					
Contact Name	Title - Contact		Phone - Contact*				Email - Contact*				
Product-Env-Stewards	Stewards Product Enviro Compliance			NA				Product-Env-Stewards@onsemi.com			
Authorized Representative*	thorized Representative* Title - Representative			Phone - Representative*				Email - Representative*			
Product-Env-Stewards		NA				Product-Env-Stewards@onsemi.com					
Requester Item Number Mfr Item	n Number Mfr Item Nan	Mfr Item Name		ate Vers	ion	Manufacturing Site		ight*	UOM	Unit Type	
NCL300	086BDR2G LED lighting Analog/Digita	controller Thermal Foldba al Dim Autorecovery	ck 2023-06-0	3		PH1	71.	76	mg	Each	
Manufacturing Proccess Information											
Terminal Plating / Grid Array Material	Ferminal Base Alloy	J-STD-020 MSL Rating	g Peak I	Peak Process Body		y Temperature Max Time at Peak		Temperature Number of Reflow Cycles		les	
Matte Tin (Sn) - annealed CU Alloy 1		1	260		С	30	seconds	3			
Comments											
level 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 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	1.03	mg	Supplier	Silicon (Si)	7440-21-3		1.03	mg
Die Attach	0.09	mg	Supplier	Organic peroxide	3006-86-8		0.0007	mg
			Supplier	Diluent B	Proprietary Data		0.0045	mg
			Supplier	Diluent A	Proprietary Data		0.0036	mg
			Supplier	Dicyandiamine	461-58-5		0.0002	mg
			Supplier	Aluminum Trioxide (Al2O3)	1344-28-1		0.072	mg
			Supplier	Formaldehyde Polymer	9003-36-5		0.009	mg
Lead Frame	37.62	mg	Supplier	Silver (Ag)	7440-22-4		0.2257	mg
			Supplier	Zinc (Zn)	7440-66-6		0.0451	mg
			Supplier	Iron (Fe)	7439-89-6		0.8841	mg
			Supplier	Copper (Cu)	7440-50-8		36.4538	mg
			Supplier	Phosphorus (P)	7723-14-0		0.0113	mg
Mold Compound-Black	31.03	mg		Epoxy resin	proprietary data		1.5515	mg
			Supplier	Phenolic Resin	Proprietary Data		0.6206	mg
			Supplier	Ortho Cresol Novolac Resin	29690-82-2		0.7758	mg
			Supplier	Carbon Black (C)	1333-86-4		0.1551	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		27.927	mg
lating	1.89	mg	Supplier	Tin (Sn)	7440-31-5		1.89	mg
Wire Bond	0.1	mg	Supplier	Palladium (Pd)	7440-05-3		0.0021	mg
			Supplier	Gold (Au)	7440-57-5		0.0003	mg
			Supplier	Copper (Cu)	7440-50-8		0.0976	mg