ABSOLATION CONNECTING LECTRODUCS INDUSTRIES® INCOMPETING OF INCOMP	Bannockb	ourn, Illinois. A	Il rights reserved untions.	under both	This docume level parts, t	ent is a decla	tration of	the substanc passes all lo	es with wer lev	in the manufacture el materials for wh	er listed it nich the m	em. Note: anufacture	if the item is an a er has engineering	assembly with lower g responsibility.	
	IPC Web Site for Information on IPC-1752 Standard Form Typ http://www.ipc.org/IPC-175x Distribute				e *	Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Mater					ials and Mfg Information				
Supplier Information															
Company name*	Company unique ID			Unique ID Authority					Response Date*						
onsemi									2023-06-)6-08			
Contact Name Ti			Title - Contact			Phone - Contact*					Email - Contact*				
Product-Env-Stewards	Product Enviro Compliance			NA					Product-Env-Stewards@onsemi.com						
Authorized Representative*	Title - Representative			Phone - Representative*				Email - Representative*							
Product-Env-Stewards	Product Enviro Compliance				NA				Product-Env-Stewards@onsemi.com						
Requester Item Number	Mfr Item Numb		Number Mfr Item Name			Effective Date Version Manufacturing Site		ufacturing Site	V	Weight*	UOM	Unit Type			
	NCP810	NCP81071BZR2G Dual Low		al Low-Side Driver		2023-06-08	3		PH1	PH1		2.59	mg	Each	
Manufacturing Proccess Informatio	n		1						1				I	I	
Terminal Plating / Grid Array Mater	ial Terminal Base A		Alloy	J-STD-020 MSL Rating		Peak Process Body Temp		ody Tempera	ature Max Time at Peak Te		Temperat	erature Number of Reflow Cycles		vcles	
Precious metal (e.g. Ag,Au, NiPdAu) (no Sn)		CU Alloy 1		1		260		С		30 seco		conds 3			
Comments															
evel 1 - maximum time at peak temperature	during sol	dering is 10-3	0 seconds												
for more information regarding material co	nposition	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	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	1.01	mg	Supplier	Silicon (Si)	7440-21-3		1.01	mg
Die Attach	0.18	mg	Supplier	Silver (Ag)	7440-22-4		0.144	mg
			Supplier	Ortho-Cresol Novolac Resin	29690-82-2		0.036	mg
Lead Frame	8.04	mg	Supplier	Magnesium (Mg)	7439-95-4		0.0121	mg
			Supplier	Silicon (Si)	7440-21-3		0.0523	mg
			В	Nickel (Ni)	7440-02-0		0.2412	mg
			Supplier	Copper (Cu)	7440-50-8		7.7345	mg
Mold Compound-Black	13.13	mg		Epoxy resin	proprietary data		0.6565	mg
			Supplier	Phenolic Resin	Proprietary Data		0.6565	mg
			Supplier	Ortho Cresol Novolac Resin	29690-82-2		0.2626	mg
			Supplier	Carbon Black (C)	1333-86-4		0.0657	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		11.4887	mg
Plating	0.15	mg	Supplier	Palladium (Pd)	7440-05-3		0.0093	mg
			В	Nickel (Ni)	7440-02-0		0.1391	mg
			Supplier	Gold (Au)	7440-57-5		0.0016	mg
Wire Bond - Cu	0.08	mg	Supplier	Copper (Cu)	7440-50-8		0.08	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).