ABBOCIATION CONNECTING LECTRONICS INDUSTRIES® INDUSTRIES® INDUSTRIES®	Bannockb	urn, Illinois. A	ll rights reserved utions.	under both le	his docume evel parts, t	ent is a decla he declaratio	aration o on encor	of the substances mpasses all lowe	within the manufactur er level materials for w	er listed ite hich the ma	em. Note: if anufacturer	the item is an as has engineering	sembly with lower responsibility.
	IPC Web Site for Information on IPC-1752 Standard Form http://www.ipc.org/IPC-175x Distr				e * Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materi				als and Mfg Information				
Supplier Information													
Company name*	Company unique ID			Unique ID Authority				Response Date*					
onsemi								2023-06-08					
Contact Name	Name Title - Contact					Phone - Contact*				Email - Contact*			
Product-Env-Stewards	oduct-Env-Stewards Product Enviro Compliand			٤		NA			Product-Env-Stewards@onsemi.com				
Authorized Representative* Title - Representative			entative		Phone - Representative*			Email - Representative*					
Product-Env-Stewards	Product Enviro Compliance			NA				Product-Env-Stewards@onsemi.com					
Requester Item Number	umber Mfr Item		Number Mfr Item Name		·	Effective D	ate V	rsion	Manufacturing Site		/eight*	UOM	Unit Type
	NCV816	NCV8161BSN330T1G LDO 450 mA, H Noise and High I			ltra-Low	2023-06-08 MY1		MY1	14	4.08	mg	Each	
Manufacturing Proccess Informatio	n												
Terminal Plating / Grid Array Mater	Plating / Grid Array Material Terminal Base Alloy		J-STD-020 MSL F	Rating	ting Peak P		Process Body Temperature Max Time at Peak		Temperature Number of Reflow Cycles		les		
Matte Tin (Sn) - annealed CU Alloy			1		260		С	30	second	s 3			
Comments													
level 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), Dibutyl phthalate (DBP), Dibutyl phthalate (DBP), Dibutyl phthalate (DBP).											
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 co 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	Weight	Unit of Measure	Level	Substance	CAS	Exempt	Weight	Unit of Measure	
Die	0.42	mg	Supplier	Silicon (Si)	7440-21-3		0.42	mg	
Die Attach	0.11	mg	Supplier	Silver (Ag)	7440-22-4		0.0825	mg	
			Supplier	Epoxy resins	129915-35-1		0.0275	mg	
Lead Frame 5	5.78	mg	Supplier	Silver (Ag)	7440-22-4		0.0705	mg	
			Supplier	Zinc (Zn)	7440-66-6		0.0069	mg	
			Supplier	Iron (Fe)	7439-89-6		0.1358	mg	
			Supplier	Copper (Cu)	7440-50-8		5.565	mg	
			Supplier	Phosphorus (P)	7723-14-0		0.0017	mg	
Mold Compound-Black	7.34	mg		Epoxy resin	proprietary data		0.367	mg	
			Supplier	Phenolic Resin	Proprietary Data		0.367	mg	
			Supplier	Ortho Cresol Novolac Resin	29690-82-2		0.1468	mg	
			Supplier	Carbon Black (C)	1333-86-4		0.0367	mg	
			Supplier	Fused Silica (SiO2)	60676-86-0		6.4225	mg	
Plating	0.39	mg	Supplier	Tin (Sn)	7440-31-5		0.39	mg	
Wire Bond - Au	0.04	mg	Supplier	Gold (Au)	7440-57-5		0.04	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).