ABSOLUTION CONNECTING ELECTRONICS INDUSTRIES® INDUSTRIES® INTERNATIONAL AND ADDRESS	IPC, Bannock	burn, Illinois. A	ll rights reserved un tions.	nder both	This docum level parts, t	ent is a decla	ration of th	ne substances asses all lowe	within the mer level mater	nanufacture rials for wh	er listed ite ich the ma	m. Note: nufacture	if the item is an as er has engineering	sembly with lower responsibility.	
	IPC Web Site for Information on IPC-1752 Standard Form Type 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 uni	Company unique ID			Unique ID Authority					Response Date*					
onsemi											2023-06-08				
Contact Name	Title - Contac	Title - Contact			Phone - Contact*					Email - Contact*					
Product-Env-Stewards	Product Envir	Product Enviro Compliance			NA					Product-Env-Stewards@onsemi.com					
Authorized Representative*	Title - Repres	Title - Representative			Phone - Representative*				Email - Representative*						
Product-Env-Stewards	Product Enviro Compliance				NA				Product-Env-Stewards@onsemi.com						
Requester Item Number	Mfr Iten	n Number	Mfr Item Name			Effective D	ate Versi	ion	Manufacturing Site		W	eight*	UOM	Unit Type	
	NCP161	CP161BMX180TBG 450mA, Non-		-Active Discharge		2023-06-08	3	,	ТНВ		1.	434	mg	Each	
Manufacturing Proccess Informa	ation												I	I	
Terminal Plating / Grid Array M	Iaterial	Ferminal Base A	Alloy J.	J-STD-020 MSL Rating		Peak Process Body Ten		ly Temperatu	erature Max Time at Peak T		Femperatu	emperature Number of Reflow Cycles		les	
Precious metal (e.g. Ag,Au, NiPdAu) (no Sn)		CU Alloy 1				260		С	30 seco		second	econds 3			
Comments															
evel 1 - maximum time at peak temperat	ure during so	Idering is 10-3	0 seconds												
or more information regarding materia	l 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), 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 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	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	0.09	mg	Supplier	Silicon (Si)	7440-21-3		0.09	mg		
Die Attach Epoxy	0.13	mg		Epoxy resin	proprietary data		0.039	mg		
			Supplier	Diethylene glycol monoethyl ether acetate	112-15-2		0.0455	mg		
			Supplier	Aluminum Trioxide (Al2O3)	1344-28-1		0.0455	mg		
Lead Frame	0.58	mg	Supplier	Tin (Sn)	7440-31-5		0.0014	mg		
			Supplier	Zinc (Zn)	7440-66-6		0.0013	mg		
			Supplier	Chromium (Cr)	7440-47-3		0.0014	mg		
			Supplier	Copper (Cu)	7440-50-8		0.5758	mg		
Mold Compound-Black	0.6	mg	Supplier	Epoxy and Phenolic Resin	40216-08-8		0.048	mg		
			Supplier	Carbon Black (C)	1333-86-4		0.003	mg		
			Supplier	Aluminum Hydroxide (Al(OH)3)	21645-51-2		0.012	mg		
			Supplier	Fused Silica (SiO2)	60676-86-0		0.519	mg		
			Supplier	Phenolic Resin (Novolac)	9003-35-4		0.018	mg		
Plating	0.004	mg	Supplier	Palladium (Pd)	7440-05-3		0.0001	mg		
			В	Nickel (Ni)	7440-02-0		0.0035	mg		
			Supplier	Gold (Au)	7440-57-5		0.0004	mg		
Wire Bond - Au	0.03	mg	Supplier	Gold (Au)	7440-57-5		0.03	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).