© Copyrig	l Composition De ht 2005. IPC, Bannock al and Pan-American of	burn, Illinois. A	Il rights reserved untions.	inder both	This docume level parts, t	ent is a declar he declaration	ation of the	e substances sses all lowe	within the r level ma	manufactur terials for w	rer listed ite hich the ma	em. Not anufactu	te: if the item urer has engin	is an assen neering resp	bly with lower bonsibility.
	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					ials and Mfg Information				
Supplier Information															
Company name*	Company un	Company unique ID			Unique ID Authority					Response Date*					
onsemi										2023-06-0	2023-06-08				
Contact Name	Title - Conta	Title - Contact			Phone - Contact*					Email - Contact*					
Product-Env-Stewards	Product Envi	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	Requester Item Number Mfr Iten		n Number Mfr Item Name			Effective Da	ate Versi	Version Man		nufacturing Site		/eight*	UON	Л	Unit Type
	NCP16	NCP163AMX290TBG LDO 250 m PSRR, Acti				2023-06-08		I	PHM		1.	.434	mg		Each
Manufacturing Proccess I	nformation														
Terminal Plating / Grid	l Plating / Grid Array Material Terminal Base		Alloy	J-STD-020 MSL Rating		Peak Process		y Temperature Max Time at Pea		ime at Peak	Temperature Number		umber of Refl	mber of Reflow Cycles	
Precious metal (e.g. Ag,Au, NiPdAu) (no Sn)		CU Alloy 1		1		260		С		30		seconds 3			
Comments															
evel 1 - maximum time at peak t	emperature during s	oldering is 10-3	0 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), 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	0.13	mg	Supplier	Epoxized Condensate Of Para- Hydrobenzaldehyde And Alkyl Phenol	129915-35-1		0.0416	mg	
			Supplier	Aluminum Trioxide (Al2O3)	1344-28-1		0.0884	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).