ASSOCIATION CONNECTING LECTRONICS INDUSTRIES® INDUSTRIES® INTERNATIONAL OF A CONNECTING O COPYRIGHT 2005. IPC, Ban international and Pan-America	nockburn, Illinois. A	ll rights reserved uno	der both This d	locument parts, the	t is a declaration er	on of the substan	ces within the manufactur ower level materials for w	rer listed ite hich the ma	em. Note: if thanufacturer h	he item is an as as engineering	sembly with lower responsibility.	
	IPC Web Site for Information on IPC-1752 Standard Form Typ http://www.ipc.org/IPC-175x Distribute			<ul> <li>Declaration Class *</li> <li>Class 6 - RoHS Yes/No, Homogeneous Materials a</li> </ul>				ials and Mfg	s and Mfg Information			
Supplier Information												
Company name* Company unique ID				Unique ID Authority				Response Date*				
onsemi	mi							2024-04-28				
Contact Name	Title - Contact			Phone - Contact*				Email - Contact*				
Product-Env-Stewards	v-Stewards Product Enviro Compliance			NA				Product-Env-Stewards@onsemi.com				
Authorized Representative*	thorized Representative* Title - Representative			Phone - Representative*				Email - Representative*				
Product-Env-Stewards Product Enviro Compliance				NA				Product-Env-Stewards@onsemi.com				
Requester Item Number Mfr	r Item Number	Mfr Item Name		E	Effective Date	Version	Manufacturing Site	W	/eight*	UOM	Unit Type	
NC	CP164ASN280T1G	4ASN280T1G LDO 300 mA AD 2. and High PSRR in T		ise 2	2024-04-28		MY1	14	4.08	mg	Each	
Manufacturing Proccess Information												
Terminal Plating / Grid Array Material	ninal Plating / Grid Array Material Terminal Base Alloy J		STD-020 MSL Ratii	ıg	Peak Proce	ss Body Temper	ature Max Time at Peak	Temperatu	re Number	of Reflow Cyc	les	
Matte Tin (Sn) - annealed CU Alloy 1				260	С	30	second	s 3				
Comments												
level 1 - maximum time at peak temperature duri	ng soldering is 10-3	0 seconds										
For more information regarding material compos	sition 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 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	0.42	mg	Supplier	Silicon (Si)	7440-21-3		0.42	mg
Die Attach	0.11	mg	Supplier	Silver (Ag)	7440-22-4		0.088	mg
			Supplier	Phenolic Resin-2	54208-63-8		0.022	mg
Lead Frame	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).