ASSOCIATION CONNECTING ELECTRONICS INDUSTRIES INDUSTRIES International and Pan-Am	Bannockburn, Illinois. A	All rights reserved un ntions.	nder both Iev	is docume vel parts, tl	ent is a declaratio he declaration en	n of the substance compasses all low	es within the manufactur ver level materials for w	er listed item	. Note: if t ifacturer 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			* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materials and Mfg Information					n			
Supplier Information												
Company name* Company unique ID			Unique		Unique ID Autho	ique ID Authority			Response Date*			
ısemi									2023-06-08			
Contact Name	Name Title - Contact			1	Phone - Contact*				Email - Contact*			
Product-Env-Stewards	duct-Env-Stewards Product Enviro Compliance			NA				Product-Env-Stewards@onsemi.com				
uthorized Representative* Title - Representative				Phone - Representative*				Email - Representative*				
Product-Env-Stewards Product Enviro Compliance				NA			Product-Env-Stewards@onsemi.com					
Requester Item Number	Mfr Item Number	Mfr Item Name			Effective Date	Version	Manufacturing Site	Wei	ght*	UOM	Unit Type	
	NCP81147MNTXG	NCP81147 Buck C			2023-06-08)8 MY1		28.6	4	mg	Each	
Manufacturing Proccess Information								·				
Terminal Plating / Grid Array Materia	Array Material Terminal Base Alloy		-STD-020 MSL R	ating	g Peak Process Body		ture Max Time at Peak	Temperature Number of Reflow Cycles		les		
Matte Tin (Sn) - annealed CU Alloy 1		l		260	С	30	seconds	3				
Comments												
level 1 - maximum time at peak temperature d	uring soldering is 10-3	80 seconds										
For more information regarding material com	position please refer t	o 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	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	Material Weight Unit of Measure Level S		Substance	CAS	Exempt	Weight	Unit of Measure	
Die	1.2	mg	Supplier	Silicon (Si)	7440-21-3		1.2	mg
Die Attach	2.42	mg	Supplier	Silver (Ag)	7440-22-4		1.815	mg
			Supplier	Epoxy resins	129915-35-1		0.605	mg
Lead Frame	9.54	mg	Supplier	Silver (Ag)	7440-22-4		0.0744	mg
			Supplier	Tin (Sn)	7440-31-5		0.0238	mg
			Supplier	Zinc (Zn)	7440-66-6		0.021	mg
			Supplier	Chromium (Cr)	7440-47-3		0.0238	mg
			Supplier	Copper (Cu)	7440-50-8		9.3969	mg
Mold Compound-Black	14.31	mg	Supplier	Epoxy and Phenolic Resin	40216-08-8		1.1448	mg
			Supplier	Carbon Black (C)	1333-86-4		0.0716	mg
			Supplier	Aluminum Hydroxide (Al(OH)3)	21645-51-2		0.2862	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		12.3782	mg
			Supplier	Phenolic Resin (Novolac)	9003-35-4		0.4293	mg
Plating	1.01	mg	Supplier	Tin (Sn)	7440-31-5		1.01	mg
Wire Bond - Cu	0.16	mg	Supplier	Copper (Cu)	7440-50-8		0.16	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).