ASSOCIATION CONNECTING COpyright 2005. IPC, Bannockburn, Illinois. All rights reserved under both international and Pan-American copyright conventions.					This document is a declaration of the substances within the manufacturer listed item. Note: if the item is an assembly with lowe level parts, the declaration encompasses all lower level materials for which the manufacturer has engineering responsibility.									
IPC Web Site for Information on IPC-1752 Standard Form				Form Type Distribute	* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materials and Mfg Information									
upplier Information														
Company name* Comp			ompany unique ID			Unique ID Authority				Respon	Response Date*			
nsemi										2023-0	2023-06-08			
Contact Name	act Name Title - Contact					Phone - Contact*				Email ·	Email - Contact*			
Product-Env-Stewards Product Enviro Compli			ro Compliance	Compliance		NA				Produ	Product-Env-Stewards@onsemi.com			
Authorized Representative* Title - Representative			sentative	Į		Phone - Representative*			Email ·	Email - Representative*				
Product-Env-Stewards Product F			duct Enviro Compliance			NA				Produ	Product-Env-Stewards@onsemi.com			
Requester Item Number	Mfr Item	n Number	Mfr Item Name			Effective Date	Version	M	Manufacturing Site		Weight*	UOM	Unit Type	
	NCP161	NCP161AFCS500T2G CSP LDO 450mA, A		A, Active Disch	arge	2023-06-08 C		CNQ		0.3449	mg	Each		
Anufacturing Proccess Informat	ion													
Terminal Plating / Grid Array Ma	ting / Grid Array Material Terminal Base Alloy			J-STD-020 MS	L Rating Peak Process Body Temperature Max Time at Peal					Temperature Number of Reflow Cycles				
SnAgCu CU Alloy			1		260		С	30	seco	nds 3				
omments														
vel 1 - maximum time at peak temperatu	re during so	ldering is 10-3	0 seconds											
or more information regarding material o	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 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 contain RoHS restricted substances per the definition above except for defined RoHS exemptions, then select the corresponding response in the RoHS Declaration above and choose all applicable exemptions.										
Exemption List Version	EL-2011/534/EU									
Declaration Signature										
Instructions: Complete all of the required fields on all pages of this form. Select the "Accepted" on the Supplier Acceptance drop-down. This will display the signature area. Digitally sign the declaration (if required by the Requester) and click on Submit Form to have the form returned to the Requester.										
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.

Substance Instructions: [A] select select a RoHS exemption, if applie sigma range of distribution unless	cable [E] enter the weigh	, Requester or Supplier) [B It of the substance or the P] select the substance of the substance	ance category (JIG or Requester) or [F] Optionally enter the positive (-	enter a value (Supplier). [C] selec -) and negative (-) tolerance in perc	t the substance (JI cent (Note: percer	(G) or enter the substa at tolerance values are	nce and CAS (Other). [D] expected to cover a 3
Homogeneous Material	Weight	Unit of Measure	Level	Substance	CAS	Exempt	Weight	Unit of Measure
Die	0.2386	mg	Supplier	Silicon (Si)	7440-21-3		0.2386	mg
Protection coat	0.0085	mg		Polyimide	proprietary data		0.0085	mg
RDL	0.0076	mg	Supplier	Titanium (Ti)	7440-32-6		0.0001	mg
			Supplier	Copper (Cu)	7440-50-8		0.0075	mg
Solder Ball	0.0902	mg	Supplier	Silver (Ag)	7440-22-4		0.0023	mg
			Supplier	Tin (Sn)	7440-31-5		0.0873	mg
			Supplier	Copper (Cu)	7440-50-8		0.0005	mg