ASSOCIATION CONNECTING ELECTRONICS INDUSTRIES® International and Pan-Am	Bannockburn, Illinois. A	ll rights reserved u ntions.	nder both Th	is docume vel parts, th	ent is a declaration ne declaration en	on of the su	bstances s all lower	within the manufactu level materials for w	rer listed i which the n	tem. Note: i nanufacture	if the item is an as r has engineering	sembly with lowe 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 Material					ials and M	ls and Mfg Information			
Supplier Information													
Company name* Company unique ID				Unique ID Authority					Response Date*				
ısemi									2023-06-08				
Contact Name	Title - Conta	Title - Contact			Phone - Contact*				Email - Contact*				
Product-Env-Stewards	ct-Env-Stewards Product Enviro Compliance			NA				Product-Env-Stewards@onsemi.com					
Authorized Representative* Title - Representative				Phone - Representative*				Email - Representative*					
Product-Env-Stewards Product Enviro Complian			npliance N.		NA			Produc	Product-Env-Stewards@onsemi.com				
Requester Item Number	Mfr Item Number	Mfr Item Name			Effective Date	Version	Ν	Manufacturing Site		Weight*	UOM	Unit Type	
	NCP1012ST100T3G	1012ST100T3G ANA FXD FREQ 70			2023-06-08 MY1		IY1	109.99		mg	Each		
Manufacturing Proccess Information													
Terminal Plating / Grid Array Materia	1 Terminal Base Alloy J-ST		-STD-020 MSL R	ating	Peak Process Body Temperate		emperatur	ure Max Time at Peak Tempera		ure Numl	ber of Reflow Cyc	eles	
Matte Tin (Sn) - annealed CU Alloy		t		260		С	30	secon	ds 3				
Comments													
evel 1 - maximum time at peak temperature d	uring soldering is 10-3	0 seconds											
or more information regarding material com	position 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 ohthalate (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 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 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.

sigma range of distribution unless otherwise noted).									
Homogeneous Material	Weight	Unit of Measure	Level	Substance	CAS	Exempt	Weight	Unit of Measure	
Die	3.3	mg	Supplier	Silicon (Si)	7440-21-3		3.3	mg	
Die Attach	2.37	mg	Supplier	Silver (Ag)	7440-22-4		1.7775	mg	
			Supplier	Epoxy resins	129915-35-1		0.5925	mg	
Lead Frame	37.17	mg	Supplier	Silver (Ag)	7440-22-4		0.4832	mg	
			Supplier	Zinc (Zn)	7440-66-6		0.0372	mg	
			Supplier	Iron (Fe)	7439-89-6		0.8921	mg	
			Supplier	Copper (Cu)	7440-50-8		35.7575	mg	
Mold Compound-Black	59.7	mg		Epoxy resin	proprietary data		2.985	mg	
			Supplier	Phenolic Resin	Proprietary Data		2.985	mg	
			Supplier	Ortho Cresol Novolac Resin	29690-82-2		1.194	mg	
			Supplier	Carbon Black (C)	1333-86-4		0.2985	mg	
			Supplier	Fused Silica (SiO2)	60676-86-0		52.2375	mg	
Plating	7.44	mg	Supplier	Tin (Sn)	7440-31-5		7.44	mg	
Wire Bond - Au	0.01	mg	Supplier	Gold (Au)	7440-57-5		0.01	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