ASSOCIATION CONNECTING	© Copyright 2005. IPC, international and Pan-Ar	Bannockb	urn, Illinois. A	ll rights reserved untions.	under both	This docume level parts, t	ent is a declara the declaration	tion of the sencompass	substance es all low	s within the man er level materials	ufacture s for whi	r listed ite ich the ma	m. Note: i nufacturer	f the item is an as has engineering	sembly with lower responsibility.	
1752-21.1					Form Type Distribute	* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materi					Material	als and Mfg Information				
Supplier Inform	ation															
Company name*			Company unique ID			Unique ID Authority					Response Date*					
onsemi												2023-06-08				
Contact Name			Title - Contact				Phone - Contact*]	Email - Contact*				
Product-Env-Stewards			Product Enviro Compliance				NA					Product-Env-Stewards@onsemi.com				
Authorized Representative*			Title - Representative				Phone - Representative*				1	Email - Representative*				
Product-Env-Stewards			Product Enviro Compliance				NA					Product-Env-Stewards@onsemi.com				
Requeste	r Item Number	r Mfr Item Number		Imber Mfr Item Name			Effective Dat	e Versior	1	Manufacturing Site		W	eight*	UOM	Unit Type	
		NCP81102MNTXG		Vr Controller			2023-06-08					36	.78	mg	Each	
Manufacturing]	Proccess Information	1														
Terminal Plating / Grid Array Material Te			erminal Base Alloy J-STD-020 MSI		L Rating	Peak Process Body Temperat		ture Max Time at Peak Te		emperatu	e Numb	er of Reflow Cyd	eles			
Matte Tin (Sn) - annealed CU			U Alloy	Alloy 1			260 C 30				seconds 3					
Comments																
evel 1 - maximum ti	me at peak temperature o	luring sol	dering is 10-3	0 seconds												
For more information	on regarding material con	position j	please refer to	page 3												

RoHS Material Composition Declaration				Declaration Type *	Detailed							
Directive 2015/863/EU amending RoHS Directive 2011/65/EU	(Pb), Mercury (Hg), Hexavalent Chror	oHS 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 b), Mercury (Hg), Hexavalent Chromium (Cr6+), Polybrominated Biphenyls (PBB), Polybrominated Diphenyl Ethers (PBDE), and Bis(2-ethylhexyl) phthalate (DEHP), Benzyl-butyl thalate (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	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.

Homogeneous Material	Weight	Unit of Measure	Level	Substance	CAS	Exempt	Weight	Unit of Measure
Die	2.97	mg	Supplier	Silicon (Si)	7440-21-3		2.97	mg
Die Attach	0.4	mg	Supplier	Isobornyl Methacrylate	7534-94-3		0.024	mg
			Supplier	Silver (Ag)	7440-22-4		0.326	mg
			Supplier	Isobornyl Acrylate	5888-33-5		0.024	mg
			Supplier	Misc.	Proprietary Data		0.002	mg
			Supplier	Tricyclo[5.2.1.02,6]decanedimethanol Diacrylate (C18H24O4)	42594-17-2		0.024	mg
Lead Frame	14.03	mg	Supplier	Silver (Ag)	7440-22-4		0.0842	mg
			Supplier	Zinc (Zn)	7440-66-6		0.0168	mg
			Supplier	Iron (Fe)	7439-89-6		0.3297	mg
			Supplier	Copper (Cu)	7440-50-8		13.5951	mg
			Supplier	Phosphorus (P)	7723-14-0		0.0042	mg
Mold Compound-Black	19.0	mg		Epoxy resin	proprietary data		0.893	mg
			Supplier	Silica Amorphous (SiO2)	7631-86-9		1.9	mg
			Supplier	Carbon Black (C)	1333-86-4		0.019	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		15.295	mg
			Supplier	Phenolic Resin (Novolac)	9003-35-4		0.893	mg
Plating	0.23	mg	Supplier	Tin (Sn)	7440-31-5		0.23	mg
Wire Bond	0.15	mg	Supplier	Palladium (Pd)	7440-05-3		0.0015	mg
			Supplier	Copper (Cu)	7440-50-8		0.1485	mg