ASSOCIATION CONNECTINI	© Copyright 2005. IPC, international and Pan-Ar	Bannockb	urn, Illinois. A	ll rights reserved u ntions.	nder both	This docum level parts, t	ent is a decla the declaratio	ration on enco	of the substat ompasses all l	nces wi lower le	thin the man vel material	ufacturer lis s for which	sted item. the manuf	Note: if th facturer ha	e item is an as s engineering	ssembly with lower responsibility.
1752-21.1	IPC Web Site for Information on IPC-1752 Standard Form Type http://www.ipc.org/IPC-175x Distribute				* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Mater						Materials a	nd Mfg In	formation			
Supplier Inform	ation															
Company name*			Company unique ID			Unique ID Authority					Res	Response Date*				
onsemi										202	2024-05-21					
Contact Name			Title - Contact			Phone - Contact*					Em	Email - Contact*				
Product-Env-Stewards			Product Enviro Compliance				NA					Pr	Product-Env-Stewards@onsemi.com			
Authorized Representative*			Title - Representative				Phone - Representative*					Em	Email - Representative*			
Product-Env-Stewa	rds		Product Enviro Compliance				NA					Pr	Product-Env-Stewards@onsemi.com			
Requeste	NCP81174MNTXG 4/3/2. with 1		n Number Mfr Item Name				Effective D	ate N	Version	Ma	Manufacturing Site		Weig	;ht*	UOM	Unit Type
			4/3/2-Phase Syncl with Power Savin Interface	/3/2-Phase Synchronous Buck Controller ith Power Saving Mode and PWM VID iterface		2024-05-21			PH1			70.33	3	mg	Each	
Manufacturing	Proccess Information	1					· 			·					·	
Terminal Plating / Grid Array Material Te			Perminal Base Alloy J-STD-020 MSL Rat			L Rating	Peak Process Body Temperature Max Time at Pea			at Peak Tem	C Temperature Number of Reflow Cycles					
Precious metal (e.g. Ag,Au, NiPdAu) (no C Sn)			CU Alloy	3			260		C	С		30 seco		conds 3		
Comments																
ATTENTION: MSL	3 Rated item requires Ba	ke and D	ry Pack (after	electrical test)												
or more informatio	on 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		nium (Cr6+), Polybro	ominated Biphenyls (PBB), Polybron	dmium and quantity limit of 0.1% by mass (100 minated Diphenyl Ethers (PBDE), and Bis(2-eth					
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 co 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 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.

sigma range of distribution unless otherwise noted).										
Homogeneous Material	Weight	Unit of Measure	Level	Substance	CAS	Exempt	Weight	Unit of Measure		
Die	1.87	mg	Supplier	Silicon (Si)	7440-21-3		1.87	mg		
Die Attach	0.38	mg	Supplier	Silver (Ag)	7440-22-4		0.285	mg		
			Supplier	Epoxy resins	129915-35-1		0.095	mg		
Lead Frame	31.24	mg	Supplier	Silver (Ag)	7440-22-4		0.3124	mg		
			Supplier	Tin (Sn)	7440-31-5		0.0781	mg		
			Supplier	Zinc (Zn)	7440-66-6		0.0687	mg		
			Supplier	Chromium (Cr)	7440-47-3		0.0781	mg		
			Supplier	Copper (Cu)	7440-50-8		30.7027	mg		
Mold Compound-Black	36.19	mg		Epoxy Phenol Resin	proprietary data		3.7999	mg		
			Supplier	Fused Silica (SiO2)	60676-86-0		32.39	mg		
Plating	0.41	mg	Supplier	Palladium (Pd)	7440-05-3		0.0312	mg		
			В	Nickel (Ni)	7440-02-0		0.3731	mg		
			Supplier	Gold (Au)	7440-57-5		0.0057	mg		
Wire Bond - Cu	0.24	mg	Supplier	Copper (Cu)	7440-50-8		0.24	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).