	© Copyright 2005. IPC, s international and Pan-Am	Bannockb	urn, Illinois. A	ll rights reserved untions.	under both	This docum level parts, t	ent is a decla the declaration	aration of on enco	of the substance ompasses all low	s within the n er level mater	nanufacture rials for wh	er listed it hich the m	em. Note anufactur	: if the item is an a rer has engineerin	assembly with lower g responsibility.
1752-21.1					Form Type Distribute	* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Mater					ous Materia	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*				Email - Representative*				
Product-Env-Stewards			Product Enviro Compliance				NA				Product-Env-Stewards@onsemi.com				
Requeste	Requester Item Number Mfr Item		n Number Mfr Item Name				Effective D	Date V	Version	Manufacturing Site		١	Weight*	UOM	Unit Type
		NCP1612A3DR2G Enhanced, High- Controller		Efficiency Powe	r Factor	2023-06-08 PH1			7	4.7	mg	Each			
Manufacturing	Proccess Information	1													
Terminal Plating / Grid Array Material Term			rminal Base Alloy J-STD-020 MSL Rating		Rating	Peak Process Body Temperature Max Time at Peak			Temperature Number of Reflow Cycles						
Matte Tin (Sn) - annealed CU Alloy				1		260		С	30		secon	ds 3			
Comments															
level 1 - maximum t	ime at peak temperature d	luring sol	dering is 10-3	0 seconds											
For more information	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	ive 2011/65/EU (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 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 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.

	cable [E] enter the weigh			ance category (JIG or Requester) or enter a [F] Optionally enter the positive (+) and n				
Homogeneous Material	Weight	Unit of Measure	Level	Substance	CAS	Exempt	Weight	Unit of Measure
Die	1.24	mg	Supplier	Silicon (Si)	7440-21-3		1.24	mg
Die Attach	0.1	mg	Supplier	Silver (Ag)	7440-22-4		0.075	mg
			Supplier	Epoxy resins	129915-35-1		0.025	mg
Lead Frame	15.95	mg	Supplier	Silver (Ag)	7440-22-4		0.335	mg
			Supplier	Zinc (Zn)	7440-66-6		0.0319	mg
			Supplier	Iron (Fe)	7439-89-6		0.3988	mg
			Supplier	Copper (Cu)	7440-50-8		15.1844	mg
Mold Compound-Black	55.41	mg		Epoxy resin	proprietary data		2.7705	mg
			Supplier	Phenolic Resin	Proprietary Data		2.7705	mg
			Supplier	Ortho Cresol Novolac Resin	29690-82-2		1.1082	mg
			Supplier	Carbon Black (C)	1333-86-4		0.277	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		48.4837	mg
Plating	1.89	mg	Supplier	Tin (Sn)	7440-31-5		1.89	mg
Wire Bond - Au	0.11	mg	Supplier	Gold (Au)	7440-57-5		0.11	mg