© Copyright 2	Composition De 2005. IPC, Bannockl and Pan-American c	ourn, Illinois. A	ll rights reserved untions.	under both	This docume level parts, t	ent is a declarati he declaration e	on of the su	ibstances v s all lower	within the manufactu level materials for v	rer listed i which the n	tem. Note: i nanufacturer	f the item is an as has engineering	ssembly with low 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 Materi					als and Mfg Information				
Supplier Information														
Company name* Compan			apany unique ID			Unique ID Authority				Respons	Response Date*			
onsemi										2023-06	2023-06-08			
Contact Name Title - Conta			act			Phone - Contact*				Email -	Email - Contact*			
Product-Env-Stewards Product En			Enviro Compliance			NA				Product-Env-Stewards@onsemi.com				
Authorized Representative* Title - Repre			resentative			Phone - Representative*				Email -	Email - Representative*			
Product-Env-Stewards Product			roduct Enviro Compliance			NA				Produc	Product-Env-Stewards@onsemi.com			
Requester Item Number	tem Number Mfr Item Number		er Mfr Item Name			Effective Date	Version	M	Manufacturing Site		Weight*	UOM	Unit Type	
	NCP302	NCP302045MNTWG Y0NB STARL		IGHT		2023-06-08		T	TH6		73.67428	mg	Each	
Aanufacturing Proccess Info	ormation						- -							
Terminal Plating / Grid Ar	Terminal Plating / Grid Array Material Terminal Base A		Alloy	J-STD-020 MSI	Peak Process Body Temperature Max Time at Peak				K Temperat	Temperature Number of Reflow Cycles				
Matte Tin (Sn) - annealed CU Alloy		CU Alloy		1		260		С	30	secon	ds 3			
omments														
vel 1 - maximum time at peak tem	perature during so	ldering is 10-3	0 seconds											
or more information regarding ma	aterial 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), Diisobutyl phthalate (DIBP).										
cadmium, hexavalentchromium, polybromina contains a RoHS restricted substance inexces encompass all such components. Supplier cer as of the date that Supplier completes this for Company acknowledges that Supplier may h independently verified information provided certification in this paragraph. If the Company	ated biphenyls and/or polybrominated dip s of an applicable quantity limit, please in iffies that it gathered the information it pr m.Supplier acknowledges that Company ave relied on informationprovided by oth by others, Supplier agrees that, at a minir and the Supplier enter into a written agr esource of the Supplier's liability and the	henyl ethers (each a "RoHS restricted substa ndicate below which, if any, RoHS exemption ovides in this form using appropriate methoo will rely on this certification in determining ers in completing this form, and that Supplie num, itssuppliers have provided certification eement with respect to the identified part, the Company's remedies for issues that arise reg	nce") in exco n you believe ls to ensure i the compliar r may not ha s regarding t terms and co	e may apply. If the part is an assembly with low s accuracy and that such information is true an ce of its products with European Union member de independently verified such information. Ho neir contributions to the part, and those certifica	ove. If a homogeneous material within the part er level components, the declaration shall d correct to the best of its knowledge and belief, er state laws that implement the RoHS Directive. wever, in situations where Supplier has not ations are at least as comprehensive as the anty rights and/or remedies provided as part of						
RoHS Declaration * 4 - Item(s) does not contain RoHS restricted subst	ances per the definition above except for sele	ected exempt	ions Supplier Acceptance	* Accepted						
Exemption: 7a: Lead in high melting temp	erature type solders (i.e. lead based sol	der alloys containing 85% by weight or m	ore lead).								
Exemption List Version	EL-2011/534/EU										
Declaration Signature											
Instructions: Complete all of the required Requester) and click on Submit Form to h			e drop-dowi	a. This will display the signature area. Digita	lly sign the declaration (if required by the						
Supplier Digital Signature	astislav 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
Clip	6.34295	mg	Supplier	Zinc (Zn)	7440-66-6		0.0076	mg
			Supplier	Iron (Fe)	7439-89-6		0.1522	mg
			Supplier	Copper (Cu)	7440-50-8		6.178	mg
			Supplier	Phosphorus (P)	7723-14-0		0.0051	mg
Die	0.317142	mg	Supplier	Silicon (Si)	7440-21-3		0.3171	mg
Die Attach	0.1291	mg		Initiator	proprietary data		0.0032	mg
			Supplier	Peroxide	Proprietary Data		0.0032	mg
			Supplier	Bismaleimide Resin	Proprietary Data		0.0413	mg
			Supplier	Other Additive Agents	Proprietary Data		0.0084	mg
			Supplier	Proprietary	Proprietary Data		0.0155	mg
			Supplier	PTFE	9002-84-0		0.0542	mg
			Supplier	Additive	1760-24-3, 2530- 83-8		0.0032	mg
Die Attach Solder	2.17762	mg	Supplier	Silver (Ag)	7440-22-4		0.0544	mg
			А	Lead (Pb)	7439-92-1	7a	2.0143	mg
			Supplier	Tin (Sn)	7440-31-5		0.1089	mg
Lead Frame	31.0723	mg	Supplier	Silver (Ag)	7440-22-4		1.5538	mg
			Supplier	Zinc (Zn)	7440-66-6		0.0373	mg
			Supplier	Iron (Fe)	7439-89-6		0.7458	mg
			Supplier	Copper (Cu)	7440-50-8		28.7106	mg
			Supplier	Phosphorus (P)	7723-14-0		0.0249	mg
Mold Compound-Black	31.2746	mg	Supplier	Ortho Cresol Novolac Resin	29690-82-2		2.0328	mg
			Supplier	Carbon Black (C)	1333-86-4		0.1564	mg
			Supplier	Silica (SiO2)	14464-46-1		27.5216	mg
			Supplier	Phenolic Resin (Novolac)	9003-35-4		1.5637	mg
Plating	2.10085	mg	Supplier	Tin (Sn)	7440-31-5		2.1009	mg
Wire Bond - Cu	0.259717	mg	Supplier	Palladium (Pd)	7440-05-3		0.0047	mg
			Supplier	Gold (Au)	7440-57-5		0.0003	mg
			Supplier	Copper (Cu)	7440-50-8		0.2548	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).