00	aterial Composit Copyright 2005. IPC, 1 ernational and Pan-An	Bannockb	urn, Illinois. A	ll rights reserved utions.	under both	This docume level parts, t	ent is a declarati he declaration e	on of the su	ibstances v s all lower	vithin the manufactu level materials for v	urer listed i which the r	tem. Note: i nanufacturer	the item is an as has engineering	ssembly with low responsibility.	
					Form Type Distribute	e *	Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Material					ls and Mfg Information			
Supplier Information	n														
Company name* Co			Company uni	Company unique ID			Unique ID Authority				Respon	Response Date*			
onsemi											2023-06	2023-06-08			
Contact Name 7			Title - Contact				Phone - Contact*				Email -	Email - Contact*			
Product-Env-Stewards			Product Enviro Compliance				NA				Produ	Product-Env-Stewards@onsemi.com			
Authorized Representative* Ti			Title - Representative			Phone - Representative*				Email -	Email - Representative*				
Product-Env-Stewards Pr			Product Enviro Compliance			NA				Produe	Product-Env-Stewards@onsemi.com				
Requester Item	quester Item Number Mfr Item		n Number Mfr Item Name				Effective Date Version Manufacturing Si		Ianufacturing Site		Weight*	UOM	Unit Type		
		NCP302040MNTWG		YONB STARLIGHT			2023-06-08		P	PBB		73.67428	mg	Each	
Anufacturing Proc	cess Information	1													
Terminal Plating / Grid Array Material Termina		erminal Base A	nal Base Alloy J-STD-020 MS		L Rating	Peak Proc	Process Body Temperatu		ure Max Time at Peak Temper		ture Numb	er of Reflow Cy	cles		
Matte Tin (Sn) - annealed CU			U Alloy	loy 1			260 C 30			seconds 3					
omments															
vel 1 - maximum time at	t peak temperature d	luring sol	dering is 10-3	0 seconds											
or more information reg	arding material com	position j	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 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
Ероху	0.1291	mg	Supplier	Titanium Dioxide (TiO2)	13463-67-7		0.0103	mg
			Supplier	Bismaleimide	13676-54-5		0.0348	mg
			Supplier	Ceramic	12013-47-7, 12047- 27-7		0.0116	mg
			Supplier	Aluminum Hydroxide (Al(OH)3)	21645-51-2		0.0013	mg
			Supplier	PTFE	9002-84-0		0.071	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