ASSOCIATION CONNECTING ELECTRONICS INDUSTRIES® International and Pa	IPC. Bannockł	ourn. Illinois. A	Il rights reserved untions.	under both	This docume level parts, t	ent is a declaration er	on of the sub compasses	bstances w all lower	vithin the manufactu level materials for w	rer listed i hich the r	tem. Note: i nanufacture	if the item is an as r has engineering	sembly with low responsibility.
				Form Type Distribute	e * Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materials a				ials and M	fg Informat	ion		
upplier Information													
Company name* Com			Company unique ID			Unique ID Authority				Response Date*			
nsemi								2024-04-24					
tact Name Title - Contact]	Phone - Contact*				Email - Contact*				
Product-Env-Stewards Product Enviro			iro Compliance			NA				Product-Env-Stewards@onsemi.com			
Authorized Representative* Title - Representa			entative		Phone - Representative*			Email - Representative*					
Product-Env-Stewards Product Env			Enviro Compliance			NA				Product-Env-Stewards@onsemi.com			
Requester Item Number	Mfr Item	n Number	Mfr Item Name			Effective Date	Version	ersion Manufacturing Site			Weight*	UOM	Unit Type
	2SB1201	2SB1201T-TL-E BIP PNP 2A S		OV		2024-04-24		CI	CNG		280.84	mg	Each
Ianufacturing Proccess Informa	ntion												
Terminal Plating / Grid Array M	laterial 7	al Terminal Base Alloy		J-STD-020 MSI	Rating	Peak Proce	k Process Body Temperature Max Time at Pea		e Max Time at Peak	Tempera	ture Num	ber of Reflow Cyc	cles
contains Bi CU Alloy			1		260		С	30	secor	nds 3			
omments													
vel 1 - maximum time at peak temperat	ure during so	ldering is 10-3	0 seconds										
or more information regarding material	l 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), Dibutyl phthalate (DBP), Dibutyl phthalate (DBP), Disobutyl 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
Die	0.33	mg	Supplier	Silicon (Si)	7440-21-3		0.33	mg
Die Attach Solder	0.15	mg	Supplier	Silver (Ag)	7440-22-4		0.0038	mg
			А	Lead (Pb)	7439-92-1	7a	0.1388	mg
			Supplier	Tin (Sn)	7440-31-5		0.0075	mg
Lead Frame	146.46	mg	Supplier	Silver (Ag)	7440-22-4		0.3808	mg
			Supplier	Tin (Sn)	7440-31-5		0.205	mg
			Supplier	Copper (Cu)	7440-50-8		145.8742	mg
Mold Compound-Black	130.38	mg		Brominated epoxy resin	proprietary data		1.8253	mg
			Supplier	Epoxy Phenol Resin	Proprietary Data		5.8671	mg
			В	Antimony Trioxide (Sb2O3)	1309-64-4		1.1734	mg
			Supplier	Carbon Black (C)	1333-86-4		1.3038	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		97.785	mg
			Supplier	Ortho-Cresol Novolac Resin	29690-82-2		22.1646	mg
			Supplier	Silica Crystalline (SiO2)	14808-60-7		0.2608	mg
Plating	3.34	mg	В	Bismuth (Bi)	7440-69-9		0.02	mg
			Supplier	Tin (Sn)	7440-31-5		3.32	mg
Wire Bond - Au	0.18	mg	Supplier	Gold (Au)	7440-57-5		0.18	mg