ASSOCIATION CONNECTING ASSOCIATION CONNECTING LECTRONICS INDUSTRIES® international and Pa	IPC. Bannockl	burn. Illinois. A	Il rights reserved untions.	under both	This docume level parts, t	ent is a declaration entities the declaration entities and the declaration entities and the declaration entities and the declaration entities are an entities and the declaration entities are an entities and the declaration entities are an entite are an entities are an entities are an entite are	on of the su	bstances v all lower	vithin the manufactur level materials for w	rer listed i hich the n	tem. Note:	if the item is an as r has engineering	sembly with low responsibility.	
				Form Type Distribute					ials and Mfg Information					
upplier Information														
Company name* Compa			ompany unique ID			Unique ID Authority				Response Date*				
nsemi							2			2025-07	2025-07-04			
ntact Name Title - Contact				Phone - Contact*					Email - Contact*					
Product-Env-Stewards Product Env			Enviro Compliance			NA				Product-Env-Stewards@onsemi.com				
Authorized Representative* Title - Repre			esentative			Phone - Representative*				Email - Representative*				
Product-Env-Stewards Product E			luct Enviro Compliance			NA				Product-Env-Stewards@onsemi.com				
Requester Item Number	Mfr Iten	n Number	Mfr Item Name			Effective Date	Version	М	Ianufacturing Site		Weight*	UOM	Unit Type	
	2SC364	2SC3646S-TD-E BIP NPN 1A 100		V		2025-07-04		CI	CNG		51.38	mg	Each	
Ianufacturing Proccess Informa	ation													
Terminal Plating / Grid Array M	laterial 7	erial Terminal Base All		J-STD-020 MSL Rating		Peak Proce	Peak Process Body Temperatu		ure Max Time at Peak Temper		ure Num	ber of Reflow Cyc	les	
contains Bi CU Alloy		CU Alloy		1		260		С	30	secon	ds 3			
omments														
vel 1 - maximum time at peak temperat	ure during so	ldering is 10-3	0 seconds											
or more information regarding materia	l composition	please refer to	page 3											

RoHS Material Composition Declaration				Declaration Type *	Detailed						
Directive 2015/863/EU amending RoHS Directive 2011/65/EU	(Pb), Mercury (Hg), Hexavalent Chro	to HS 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 hthalate (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 ifies 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 temperature type solders (i.e. lead based solder alloys containing 85% by weight or more 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	22.4	mg	Supplier	Silver (Ag)	7440-22-4		0.0986	mg
			Supplier	Tin (Sn)	7440-31-5		0.0314	mg
			Supplier	Copper (Cu)	7440-50-8		22.2701	mg
Mold Compound-Black	27.65	mg		Brominated epoxy resin	proprietary data		0.3871	mg
			Supplier	Epoxy Phenol Resin	Proprietary Data		1.2443	mg
			В	Antimony Trioxide (Sb2O3)	1309-64-4		0.2488	mg
			Supplier	Carbon Black (C)	1333-86-4		0.2765	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		20.7375	mg
			Supplier	Ortho-Cresol Novolac Resin	29690-82-2		4.7005	mg
			Supplier	Silica Crystalline (SiO2)	14808-60-7		0.0553	mg
Plating	0.77	mg	В	Bismuth (Bi)	7440-69-9		0.0046	mg
			Supplier	Tin (Sn)	7440-31-5		0.7654	mg
Wire Bond - Au	0.08	mg	Supplier	Gold (Au)	7440-57-5		0.08	mg