ASSOCIATION CONNECTING ELECTRONICS INDUSTRIESS International and Pa	IPC. Bannockl	ourn Illinois A	Il rights reserved untions.	under both	This docume level parts, t	ent is a declaration en declaration	on of the su	bstances v all lower	vithin the manufactu level materials for w	rer listed	item. Note: nanufacture	if the item is an as er has engineering	sembly with low responsibility.	
					Type * Declaration Class * ute Class 6 - RoHS Yes/No, Homogeneous Mater				ials and Mfg Information					
upplier Information														
Company name* Com			Company unique ID			Unique ID Authority				Respon	Response Date*			
nsemi											2024-05-19			
ntact Name Title - Contact			ct		Phone - Contac	hone - Contact*			Email - Contact*					
Product-Env-Stewards Product E			uct Enviro Compliance			NA				Product-Env-Stewards@onsemi.com				
Authorized Representative* Title - Rep			Representative			Phone - Representative*				Email -	Email - Representative*			
Product-Env-Stewards Produc			roduct Enviro Compliance			NA				Product-Env-Stewards@onsemi.com				
Requester Item Number	Mfr Iten	n Number	Mfr Item Name			Effective Date	ive Date Version Manufacturing Site		Ianufacturing Site		Weight*	UOM	Unit Type	
	2SA215	2SA2153-TD-E BIP PNP 2A 50		V		2024-05-19		C	CNG		51.32	mg	Each	
Ianufacturing Proccess Information	ation							·						
Terminal Plating / Grid Array M	Iaterial 7	erial Terminal Base Alloy		J-STD-020 MSL Rating		Peak Proce	Process Body Temperatur		are Max Time at Peak Tempera		ture Num	ber of Reflow Cyc	eles	
contains Bi CU Alloy			1		260		С	30	seco	nds 3				
omments														
vel 1 - maximum time at peak temperat	ture 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		mium (Cr6+), Polybrominated Biphenyls (Pl		dmium and quantity limit of 0.1% by mass (10 minated Diphenyl Ethers (PBDE), and Bis(2-et	
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 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	0.21	mg	Supplier	Silicon (Si)	7440-21-3		0.21	mg
Die Attach Solder	0.1	mg	Supplier	Silver (Ag)	7440-22-4		0.0025	mg
			А	Lead (Pb)	7439-92-1	7a	0.0925	mg
			Supplier	Tin (Sn)	7440-31-5		0.005	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	27.76	mg		Brominated epoxy resin	proprietary data		0.3886	mg
			Supplier	Epoxy Phenol Resin	Proprietary Data		1.2492	mg
			В	Antimony Trioxide (Sb2O3)	1309-64-4		0.2498	mg
			Supplier	Carbon Black (C)	1333-86-4		0.2776	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		20.82	mg
			Supplier	Ortho-Cresol Novolac Resin	29690-82-2		4.7192	mg
			Supplier	Silica Crystalline (SiO2)	14808-60-7		0.0555	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