ABSOCIATION CONNECTING ELECTRONICS INDUSTRIESS INCOMPACTING	PC. Bannockl	burn. Illinois. A	Il rights reserved untions.	under both	This docume level parts, t	ent is a declaration	ion of the succession of the s	ubstances s all lowe	within the manufac r level materials for	cturer listed	d item. Note e manufactu	e: if the item is an rer has engineerin	assembly with lower g responsibility.	
	21.1 IPC Web Site for Information on IPC-1752 Standard Form T http://www.ipc.org/IPC-175x Distribution				* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materia				terials and	als and Mfg Information				
Supplier Information														
Company name* Comp			Company unique ID			Unique ID Authority					Response Date*			
On Semiconductor										2021-	2021-02-04			
Contact Name Title - Contact			ct	1			Phone - Contact*				Email - Contact*			
Product-Env-Stewards Product Env			viro Compliance			NA				Prod	Product-Env-Stewards@onsemi.com			
Authorized Representative* Title - R			- Representative			Phone - Representative*			Emai	Email - Representative*				
Product-Env-Stewards Pro			Product Enviro Compliance			NA				Prod	Product-Env-Stewards@onsemi.com			
Requester Item Number	Mfr Item Number		iber Mfr Item Name			Effective Date	Version	1	Manufacturing Site		Weight*	UOM	Unit Type	
	MDB6S	MDB6S S/P_BR MDIP PN		N 1A 600V		2021-02-04		1	PANJITFG		89.837	mg	Each	
Manufacturing Proccess Informa	tion												·	
Terminal Plating / Grid Array M	erminal Plating / Grid Array Material Terminal Base Allo			J-STD-020 MSL Rating Pea			eak Process Body Temperature Max Time at Peak Temperature Number of Reflow Cycles					ycles		
Matte Tin (Sn) - annealed CU Alloy			1		260		С	30	sec	onds 3				
Comments														
evel 1 - maximum time at peak temperat	ure during so	ldering is 10-3	0 seconds											
or more information regarding material	composition	please refer to	page 3											

RoHS Material Composition Declar	ation			Declaration Type *	Detailed
Directive 2015/863/EU amending Rol Directive 2011/65/EU	(Pb), Mercury (Hg), Hexav		ninated Biphenyls (PBB), Polybror	dmium and quantity limit of 0.1% by mass (100 ninated Diphenyl Ethers (PBDE), and Bis(2-eth	
cadmium, hexavalentchromium, polyb contains a RoHS restricted substance i encompass all such components.Suppl as of the date that Supplier completes Company acknowledges that Supplier independently verified information pro- certification in this paragraph.If the Co	rominated biphenyls and/or polybror nexcess of an applicable quantity lim ier certifies that it gathered the inforr this form.Supplier acknowledges that may have relied on informationprovi ovided by others, Supplier agrees that ompany and the Supplier enter into a clusivesource of the Supplier's liabili	ninated diphenyl ethers (each a "R it, please indicate below which, if nation it provides in this form usin Company will rely on this certifud ded by others in completing this f , at a minimum, itssuppliers have written agreement with respect to ty and the Company's remedies for	toHS restricted substance") in exce any, RoHS exemption you believe ag appropriate methods to ensure it cation in determining the complian orm, and that Supplier may not hav provided certifications regarding th the identified part, the terms and co or issues that arise regarding inform	ropean Union member states) of the part identifies so of the applicable quantity limit identified about may apply. If the part is an assembly with lows a accuracy and that such information is true and ce of its products with European Union member re independently verified such information. How heir contributions to the part, and those certifica motions of that agreement, including any warra nation the Supplier provides in this form. In the	ove. If a homogeneous material within the part er level components, the declaration shall l correct to the best of its knowledge and belief, r state laws that implement the RoHS Directive. wever, in situations where Supplier has not tions are at least as comprehensive as the inty rights and/or remedies provided as part of
RoHS Declaration * 4	- Item(s) does not contain RoHS restr	icted substances per the definition	above except for selected exempti	ons Supplier Acceptance	* Accepted
Exemption: 7a: Lead in high meltin Exemption: 7c-I Electrical and elect	g temperature type solders (i.e. lead ronic components containing lead i	l based solder alloys containing n a glass or ceramic other than	85% by weight or more lead). dielectric ceramic in capacitors, o	e.g. piezoelectronic devices, or in a glass or ce	eramic matrix compound.
Exemption List Version	EL-2011/534/EU				
Declaration Signature					
Instructions: Complete all of the rec Requester) and click on Submit For			Supplier Acceptance drop-down	. This will display the signature area. Digital	ly sign the declaration (if required by the
Supplier Digital Signature	Rastislav 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.

sigma range of distribution unless otherwise noted).									
Homogeneous Material	Weight	Unit of Measure	Level	Substance	CAS	Exempt	Weight	Unit of Measure	
Die	2.849	mg	А	Lead Oxide (PbO)	1317-36-8	7c	0.139	mg	
			Supplier	Silicon (Si)	7440-21-3		2.71	mg	
Die Attach Solder	1.821	mg	Supplier	Silver (Ag)	7440-22-4		0.0455	mg	
			А	Lead (Pb)	7439-92-1	7a	1.6844	mg	
			Supplier	Tin (Sn)	7440-31-5		0.091	mg	
Lead Frame	39.956	mg	Supplier	Iron (Fe)	7439-89-6		0.056	mg	
			Supplier	Copper (Cu)	7440-50-8		39.9	mg	
Mold Compound-Black	44.4	mg	Supplier	Ortho Cresol Novolac Resin	29690-82-2		4.44	mg	
			Supplier	Carbon Black (C)	1333-86-4		0.133	mg	
			Supplier	Aluminum Hydroxide (Al(OH)3)	21645-51-2		1.332	mg	
			Supplier	Fused Silica (SiO2)	60676-86-0		34.188	mg	
			Supplier	Phenolic Resin (Novolac)	9003-35-4		4.307	mg	
Plating	0.441	mg	Supplier	Tin (Sn)	7440-31-5		0.441	mg	
Wire Bond - Cu	0.37	mg	Supplier	Copper (Cu)	7440-50-8		0.37	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 signar range of distribution unless otherwise noted)