ASSOCIATION CONNECTING LECTRONICS INDUSTRIES INDUSTRIES International and P	IPC. Bannock	burn. Illinois. A	Il rights reserved untions.	under both	This docume level parts, t	ent is a declaration e	on of the su	ubstances s all lower	within the manufac level materials for	turer listed which the	item. Note: manufactur	if the item is an as er has engineering	ssembly with lower responsibility.	
					n Type * Declaration Class * ribute Class 6 - RoHS Yes/No, Homogeneous Mater				erials and l	ials and Mfg Information				
Supplier Information														
Company name*		Company unique ID				Unique ID Authority					Response Date*			
Onsemi Contact Name Title -			itle - Contact								2023-06-08 Email - Contact*			
Product-Env-Stewards Pro			Product Enviro Compliance			NA				Produ	Product-Env-Stewards@onsemi.com			
Authorized Representative* Tit			Title - Representative			Phone - Representative*			Email	Email - Representative*				
Product-Env-Stewards Product			oduct Enviro Compliance			NA				Produ	Product-Env-Stewards@onsemi.com			
Requester Item Number	uester Item Number Mfr Item		Number Mfr Item Name			Effective Date	Version	Ν	Manufacturing Site		Weight*	UOM	Unit Type	
	DF02S1		BR SDIP PN 1A 200V			2023-06-08		ſ	TSCBE		310.0	mg	Each	
Manufacturing Proccess Inform	ation													
Terminal Plating / Grid Array M	Cerminal Plating / Grid Array Material Terminal Base		Alloy	J-STD-020 MSL Rating		Peak Process Body Temperature		e Max Time at Peak Temperature		ature Num	ber of Reflow Cy	cles		
Matte Tin (Sn) - annealed CU		CU Alloy	1			260 C 30		seconds 3						
Comments														
evel 1 - maximum time at peak tempera	ture during so	ldering is 10-3	0 seconds											
or more information regarding materia	l 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.

Homogeneous Material	Weight	Unit of Measure	Level	Substance	CAS	Exempt	Weight	Unit of Measure
Die	3.6	mg	Supplier	Silicon (Si)	7440-21-3		3.3768	mg
			В	Nickel (Ni)	7440-02-0		0.0324	mg
			Supplier	Gold (Au)	7440-57-5		0.018	mg
			А	Lead Oxide (PbO)	1317-36-8	7c	0.1728	mg
Die Attach Solder	2.595	mg	Supplier	Silver (Ag)	7440-22-4		0.0649	mg
			А	Lead (Pb)	7439-92-1	7a	2.4004	mg
			Supplier	Tin (Sn)	7440-31-5		0.1297	mg
Lead Frame	63.63	mg	Supplier	Iron (Fe)	7439-89-6		0.0764	mg
			Supplier	Copper (Cu)	7440-50-8		63.5346	mg
			Supplier	Phosphorus (P)	7723-14-0		0.0191	mg
Mold Compound-Black	233.175	mg		Metal Hydroxide	proprietary data		8.1611	mg
			Supplier	Ortho Cresol Novolac Resin	29690-82-2		18.654	mg
			Supplier	Carbon Black (C)	1333-86-4		1.1659	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		186.54	mg
			Supplier	Phenolic Resin (Novolac)	9003-35-4		18.654	mg
Plating	7.0	mg	Supplier	Tin (Sn)	7440-31-5		7	mg