ASSOCIATION CONNECTING ELECTRONICS INDUSTRIESS International and Pa	IPC. Bannockl	burn. Illinois. A	ll rights reserved untions.	under both	This docume level parts, t	ent is a declarati the declaration e	on of the su	ibstances v s all lower	within the manufactu level materials for v	urer listed which the	item. Note: nanufacture	if the item is an as or has engineering	sembly with low responsibility.	
	21.1 IPC Web Site for Information on IPC-1752 Standard For http://www.ipc.org/IPC-175x Dis				e * Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materials and M					lfg Informa	tion			
Supplier Information														
Company name* Com		Company un	Company unique ID			Unique ID Authority				Respon	Response Date*			
nsemi										2024-0	2024-05-12			
ontact Name Title - Contact			ct			Phone - Contact*				Email ·	Email - Contact*			
Product-Env-Stewards Product Env			nviro Compliance			NA				Produ	Product-Env-Stewards@onsemi.com			
Authorized Representative* Title - Repr			presentative			Phone - Representative*			Email ·	Email - Representative*				
Product-Env-Stewards Produ			Product Enviro Compliance			NA				Produ	Product-Env-Stewards@onsemi.com			
Requester Item Number	Mfr Iten	n Number	Mfr Item Name			Effective Date	Version	M	Ianufacturing Site		Weight*	UOM	Unit Type	
	FOD832	FOD8320R2 SO5 3A GD		D T&R		2024-05-12		P	РВВ		197.151	mg	Each	
Aanufacturing Proccess Informa	ation		•				-					·		
Terminal Plating / Grid Array M	Iaterial 7	l Terminal Base Alloy		J-STD-020 MSI	D-020 MSL Rating F		Peak Process Body Temperature Max Time at Pe		e Max Time at Peal	k Temperature Number of Reflow Cycles		eles		
Matte Tin (Sn) - annealed CU Alloy		CU Alloy	1			260 C		30	seco		seconds 3			
omments														
vel 1 - maximum time at peak temperat	ure during so	Idering 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	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), Dibutyl phthalate (DBP).									
cadmium, hexavalentchromium, polybrominate contains a RoHS restricted substance inexcess encompass all such components. Supplier certif as of the date that Supplier completes this form Company acknowledges that Supplier may hav independently verified information provided by certification in this paragraph. If the Company a	ed biphenyls and/or polybrominated dip of an applicable quantity limit, please ir ies that it gathered the information it pro- .Supplier acknowledges that Company e relied on informationprovided by othe y others, Supplier agrees that, at a minin and the Supplier enter into a written agre pource of the Supplier's liability and the	henyl ethers (each a " ndicate below which, i ovides in this form us will rely on this certifiers in completing this num, itssuppliers have eement with respect to Company's remedies	RoHS restricted substance") in exce if any, RoHS exemption you believe ing appropriate methods to ensure if ication in determining the complian form, and that Supplier may not have e provided certifications regarding the to the identified part, the terms and cc for issues that arise regarding inform	ce of its products with European Union membe	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 anty rights and/or remedies provided as part of					
RoHS Declaration * 1 - Item(s)	does not contain RoHS restricted substa	on above	Supplier Acceptance	* Accepted						
Exemption: If the declared item does not con applicable exemptions.	ntain RoHS restricted substances per	the definition above	except for defined RoHS exempti	ons, then select the corresponding response i	n the RoHS Declaration above and choose all					
Exemption List Version	EL-2011/534/EU									
Declaration Signature										
Instructions: Complete all of the required fin Requester) and click on Submit Form to have	elds on all pages of this form. Select the form returned to the Requester	he "Accepted" on th	e Supplier Acceptance drop-down	. This will display the signature area. Digital	lly sign the declaration (if required by the					
Supplier Digital Signature Ra	stislav 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
Coupling Gel	3.5	mg	Supplier	Dimethyl Siloxane	68083-19-2		3.5	mg
Die	1.131	mg	В	Gallium Arsenide (AsGa)	1303-00-0		0.071	mg
			Supplier	Silicon (Si)	7440-21-3		1.06	mg
Die Attach	0.223	mg	Supplier	Silver (Ag)	7440-22-4		0.1784	mg
			Supplier	Phenolic Resin-2	54208-63-8		0.0446	mg
Lead Frame	36.392	mg	Supplier	Silver (Ag)	7440-22-4		0.2	mg
			Supplier	Zinc (Zn)	7440-66-6		0.044	mg
			Supplier	Iron (Fe)	7439-89-6		0.837	mg
			Supplier	Copper (Cu)	7440-50-8		35.3	mg
			Supplier	Phosphorus (P)	7723-14-0		0.011	mg
Mold Compound-Black	153.98	mg	Supplier	Titanium Dioxide (TiO2)	13463-67-7		30.8	mg
			Supplier	2,6-dibromo-4-[1-(3-bromo-4- hydroxyphenyl)-1-methylethyl]phenol	6386-73-8		6.16	mg
			Supplier	Ortho Cresol Novolac Resin	29690-82-2		35.4	mg
			В	Antimony Trioxide (Sb2O3)	1309-64-4		4.62	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		77	mg
Plating	1.69	mg	Supplier	Tin (Sn)	7440-31-5		1.69	mg
Wire Bond - Au	0.235	mg	Supplier	Gold (Au)	7440-57-5		0.235	mg