ASSOCIATION CONNECTING ELECTRONICS INDUSTRIES® International and Pa	PC. Bannockl	ourn. Illinois. A	ll rights reserved untions.	under both	This docume level parts, t	ent is a declaration entities of the declaration entities	on of the su	bstances v all lower	vithin the manufactule level materials for v	urer listed which the	item. Note: manufacture	if the item is an as er has engineering	sembly with low responsibility.	
				Form Type Distribute	e * Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materials an				rials and M	4fg Informa	tion			
upplier Information														
Company name* Comp			Company unique ID			Unique ID Authority				Respo	Response Date*			
asemi											2023-06-08			
Contact Name	tact Name Title - Contact				Phone - Contact*				Email - Contact*					
Product-Env-Stewards Product Envi			wiro Compliance			NA				Produ	Product-Env-Stewards@onsemi.com			
Authorized Representative* Title - Represe			sentative		Phone - Representative*			Email	Email - Representative*					
Product-Env-Stewards Product			oduct Enviro Compliance			NA				Produ	Product-Env-Stewards@onsemi.com			
Requester Item Number	Mfr Iten	n Number	Mfr Item Name			Effective Date	ctive Date Version Manufacturing S		lanufacturing Site		Weight*	UOM	Unit Type	
	FOD420	FOD4208SDV 6PB RP SNUB		l&R VDE		2023-06-08		TI	ТНН		537.109	mg	Each	
Ianufacturing Proccess Informa	tion													
Terminal Plating / Grid Array M	aterial T	tial Terminal Base Alloy		STD-020 MSL Rating		Peak Process Body Temperatu		emperature	ure Max Time at Peak Temper		ture Num	ber of Reflow Cyc	eles	
Matte Tin (Sn) - annealed CU Allo		CU Alloy	1			260 C		С	30 seco		seconds 3			
omments														
vel 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 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), Disobutyl phthalate (DIBP).									
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	ances per the definitio	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	1.83	mg	Supplier	Titanium Dioxide (TiO2)	13463-67-7		0.635	mg
			Supplier	Dimethyl Siloxane	68083-19-2		0.888	mg
			Supplier	3-Methacryloxypropyltrimethoxysilane (C10H20O5Si)	2530-85-0		0.307	mg
Die	4.043	mg	В	Gallium Arsenide (AsGa)	1303-00-0		0.283	mg
			Supplier	Silicon (Si)	7440-21-3		3.76	mg
Die Attach	1.665	mg	Supplier	Silver (Ag)	7440-22-4		1.2487	mg
			Supplier	Phenolic Resin-2	54208-63-8		0.4162	mg
Lead Frame	108.322	mg	Supplier	Silver (Ag)	7440-22-4		0.68	mg
			Supplier	Zinc (Zn)	7440-66-6		0.13	mg
			Supplier	Iron (Fe)	7439-89-6		2.48	mg
			Supplier	Copper (Cu)	7440-50-8		105	mg
			Supplier	Phosphorus (P)	7723-14-0		0.032	mg
Mold Compound-Black	298.368	mg	В	Brominated Bisphenol A Diglycidyl Ether	40039-93-8		5.9674	mg
			В	Antimony Trioxide (Sb2O3)	1309-64-4		4.4755	mg
			Supplier	Carbon Black (C)	1333-86-4		1.4918	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		211.8413	mg
			Supplier	Ortho-Cresol Novolac Resin	29690-82-2		52.2144	mg
			Supplier	Phenolic Resin (Novolac)	9003-35-4		22.3776	mg
Mold Compound-White	116.032	mg	Supplier	Ortho Cresol Novolac Resin	29690-82-2		23.2064	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		81.2224	mg
			Supplier	Phenolic Resin (Novolac)	9003-35-4		11.6032	mg
Plating	6.7	mg	Supplier	Tin (Sn)	7440-31-5		6.7	mg
Wire Bond - Au	0.149	mg	Supplier	Gold (Au)	7440-57-5		0.149	mg