	Material Comp © Copyright 2005. I international and Par	PC, Bannockb	ourn, Illinois. A	All rights reserved untions.	nder both	This docume level parts, t	ent is a declarat	ion of the encompas	e substances ses all low	s within the er level mat	manufactur erials for wh	er listed ite hich the ma	em. Note:	if the item is an as er has engineering	sembly with low responsibility.
752-21.1	IPC Web Site for Information on IPC-1752 Standard http://www.ipc.org/IPC-175x				Form Type * Distribute			Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materials and Mfg Information							
upplie	r Information														
ompany	name*	Company unique ID			1	Unique ID Authority					Response Date*				
nsemi												2024-05-04			
ontact N	ame	Title - Contact]	Phone - Contact*				Email - Contact*					
Product-I	Env-Stewards	Product Enviro Compliance				NA					Product-Env-Stewards@onsemi.com				
uthorize	d Representative*	Title - Representative]	Phone - Representative*				Email - Representative*					
roduct-l	Env-Stewards	Product Enviro Compliance				NA				Product-Env-Stewards@onsemi.com					
	Requester Item Number Mfr Item Number FOD3184		Number Mfr Item Name				Effective Date	ctive Date Version Manufacturing Si		ing Site	V	/eight*	UOM	Unit Type	
			4	8PW 3A GD DIP			2024-05-04 THH		СНН		5	98.07	mg	Each	
Ianufa	cturing Proccess Informa	tion						- L	ļ			1		I	
	Terminal Plating / Grid Array Material		Ferminal Base Alloy J-STD-0		J-STD-020 MSI	L Rating	Peak Process Body Temper		Temperatu	ture Max Time at Peak T		Temperatu	re Num	ber of Reflow Cyc	les
	Matte Tin (Sn) - annealed		CU Alloy NA			0 C		30 se		second	s 3				
omments															
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	toHS 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 hthalate (BBP), Dibutyl phthalate (DBP), Diisobutyl 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 co 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 contain RoHS restricted substances per the definition above except for defined RoHS exemptions, then select the corresponding response in the RoHS Declaration above and choose all applicable exemptions.											
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	209.511	mg	Supplier	Filler (SiO2)	68909-20-6		94.2799	mg
			Supplier	Xylene	1330-20-7		115.2311	mg
Die	0.896	mg	Supplier	Silicon (Si)	7440-21-3		0.896	mg
Die Attach	0.25	mg	Supplier	Silver (Ag)	7440-22-4		0.205	mg
			Supplier	Dicyandiamine	461-58-5		0.0025	mg
			Supplier	Phenolic Resin (Novolac)	9003-35-4		0.0425	mg
Die GaAs	0.224	mg	В	Gallium Arsenide (AsGa)	1303-00-0		0.224	mg
Lead Frame	115.0	mg	Supplier	Silver (Ag)	7440-22-4		0.7476	mg
			Supplier	Zinc (Zn)	7440-66-6		0.1438	mg
			Supplier	Iron (Fe)	7439-89-6		2.7028	mg
			Supplier	Copper (Cu)	7440-50-8		111.311	mg
			Supplier	Phosphorus (P)	7723-14-0		0.0949	mg
Mold Compound-White	I-White 260.539	mg	Supplier	Titanium Dioxide (TiO2)	13463-67-7		65.1348	mg
			В	Brominated Bisphenol A Diglycidyl Ether	r 40039-93-8		7.8162	mg
			Supplier	Ortho Cresol Novolac Resin	29690-82-2		35.1728	mg
			В	Antimony Trioxide (Sb2O3)	1309-64-4		7.8162	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		130.2695	mg
			Supplier	Phenolic Resin (Novolac)	9003-35-4		14.3296	mg
Plating	11.6	mg	Supplier	Tin (Sn)	7440-31-5		11.6	mg
Wire Bond - Au	0.05	mg	Supplier	Gold (Au)	7440-57-5		0.05	mg