© Copyright	Composition De 2005. IPC, Bannock and Pan-American of	burn, Illinois. A	Il rights reserved untions.	inder both	This docume level parts, t	ent is a declar he declaratio	ration of the n encompas	e substances sses all lowe	within the r level ma	e manufacture terials for wh	er listed ite hich the m	em. Note anufactu	e: if the iter irer has eng	n is an asse gineering res	mbly with lower sponsibility.
	IPC Web Site for Information on IPC-1752 Standard Form Typ   http://www.ipc.org/IPC-175x Distribute				e *	Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Mater					als and Mfg Information				
Supplier Information															
Company name*	Company un	Company unique ID			Unique ID Authority					Response Date*					
onsemi											2023-06-08				
Contact Name	Title - Conta	Title - Contact			Phone - Contact*					Email - Contact*					
Product-Env-Stewards	Product Envi	Product Enviro Compliance			NA					Product-Env-Stewards@onsemi.com					
Authorized Representative*	Title - Repre	Title - Representative			Phone - Representative*				Email - Representative*						
Product-Env-Stewards	Product Envi	Product Enviro Compliance			NA				Product-Env-Stewards@onsemi.com						
Requester Item Number	lester Item Number Mfr Iten		Number Mfr Item Name			Effective Da	ate Versio	on 1	Manufacturing Site		v	Veight*	UC	ЭM	Unit Type
	FODM8801AR2V		4SO HI-T TR T&R VDE			2023-06-08			ТНН		7	4.267	mg	5	Each
Manufacturing Proccess Inf	formation												1		1
Terminal Plating / Grid A	Terminal Plating / Grid Array Material		ninal Base Alloy J-STI		L Rating	Peak Pr	Peak Process Body Temperate		ure Max Time at Peak Te		Temperatu	Temperature Number		flow Cycle	5
Precious metal (e.g. Ag,Au, NiPdAu) (no Sn)		CU Alloy	J Alloy 1			245		C	30 seco		second	conds 3			
Comments						· · ·		· · ·	· ·		· · · · · · · · · · · · · · · · · · ·				
evel 1 - maximum time at peak ten	nperature during s	oldering is 10-3	0 seconds												
For more information regarding m	aterial 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 v 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
Die	0.267	mg	В	Gallium Arsenide (AsGa)	1303-00-0		0.0864	mg
			Supplier	Silicon (Si)	7440-21-3		0.1754	mg
			Supplier	Aluminum (Al)	7429-90-5		0.0052	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
Lead Frame	24.951	mg	Supplier	Silver (Ag)	7440-22-4		1.28	mg
			Supplier	Zinc (Zn)	7440-66-6		0.0449	mg
			Supplier	Iron (Fe)	7439-89-6		0.6138	mg
			Supplier	Copper (Cu)	7440-50-8		22.9774	mg
			Supplier	Phosphorus (P)	7723-14-0		0.0349	mg
Mold Compound-White	45.0	mg	Supplier	Titanium Dioxide (TiO2)	13463-67-7		11.25	mg
			В	Brominated Bisphenol A Diglycidyl Ether	40039-93-8		1.35	mg
			Supplier	Ortho Cresol Novolac Resin	29690-82-2		6.075	mg
			В	Antimony Trioxide (Sb2O3)	1309-64-4		1.35	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		22.5	mg
			Supplier	Phenolic Resin (Novolac)	9003-35-4		2.475	mg
Plating	0.239	mg	Supplier	Palladium (Pd)	7440-05-3		0.0095	mg
			В	Nickel (Ni)	7440-02-0		0.2238	mg
			Supplier	Gold (Au)	7440-57-5		0.0057	mg
Protective Coating	3.4	mg	Supplier	Poly(dimethylsiloxane), hydroxy terminated	70131-67-8		1.7	mg
			Supplier	Ethylbenzene	100-41-4		0.34	mg
			Supplier	Filler (SiO2)	68909-20-6		0.646	mg
			Supplier	Misc.	Proprietary Data		0.034	mg
			Supplier	Xylene	1330-20-7		0.68	mg
Wire Bond - Au	0.16	mg	Supplier	Gold (Au)	7440-57-5		0.16	mg