ABSOCIATION CONNECTING LECTRODUCES INDUSTRIES® INDUSTRIES® INTERNATIONAL AND ADDRESS	Bannockbu	ırn, Illinois. A	ll rights reserved untions.	under both	This docume level parts, t	ent is a decla	tration of	the substand passes all lo	ces with wer lev	hin the manufacture vel materials for wh	er listed in hich the m	em. Note anufactu	e: if the ite rer has er	em is an assen ngineering res	nbly with lower ponsibility.
	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 Materials and Mfg Inform						nation			
Supplier Information															
Company name* Company			mpany unique ID U			Unique ID Authority					Response Date*				
nsemi											2023-06-12				
Contact Name Title - Contact				Phone - Contact*						Email - Contact*					
Product-Env-Stewards	Product Envir	t Enviro Compliance			NA					Product-Env-Stewards@onsemi.com					
Authorized Representative* Title - Represen			sentative I			Phone - Representative*				Email - Representative*					
Product-Env-Stewards		Product Enviro Compliance				NA				Product-Env-Stewards@onsemi.com					
Requester Item Number	Mfr Item I	Number	Mfr Item Name			Effective Date Version Manufactur		ufacturing Site	Weig		U	JOM	Unit Type		
	FODM880	DM8801AR2 4SO HI-		O HI-T TR T&R		2023-06-12	2		THH	ТНН		4.267	n	ıg	Each
Manufacturing Proccess Information			1				-				ł				
Terminal Plating / Grid Array Materia	1 Te	Terminal Base Alloy		J-STD-020 MS	L Rating	Peak P	Peak Process Body Temperate		ature 1	ure Max Time at Peak Tem		mperature Number of Reflow Cycles		5	
Precious metal (e.g. Ag,Au, NiPdAu) (no Sn)		CU Alloy 1		1		245		С		30 s		seconds 3			
Comments															
evel 1 - maximum time at peak temperature d	uring sold	lering is 10-3	0 seconds												
or more information regarding material com	position p	lease 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