ASSOCIATION CONNECTING ELECTRONICS INDUSTRIESS International and Pa	IPC. Bannocki	ourn. Illinois. A	ll rights reserved untions.	under both	This docume level parts, t	ent is a declaration entities the declaration entities and the declaration entities and the declaration entities and the declaration entities are an entities and the declaration entities are an entities and the declaration entities are an entite are an entities are an entities are an entite are	on of the su	bstances w all lower	vithin the manufactu level materials for v	rer listed which the r	item. Note: nanufacture	if the item is an as r has engineering	sembly with low responsibility.	
				Form Type Distribute	Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materials and M					Ifg Informa	tion			
Supplier Information														
Company name* Con			Company unique ID			Unique ID Authority				Respon	Response Date*			
onsemi											2024-04-25			
ontact Name Title - Contact			et	Ph			Phone - Contact*				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 Pro			Product Enviro Compliance			NA				Produ	Product-Env-Stewards@onsemi.com			
Requester Item Number	Mfr Item Number		ber Mfr Item Name			Effective Date	Version	М	Manufacturing Site		Weight*	UOM	Unit Type	
	6N139S	139SDM 8PW HI-GAIN DA		ARL T&R		2024-04-25		TI	ТНН		497.66	mg	Each	
Aanufacturing Proccess Informa	ation		·											
Terminal Plating / Grid Array M	Iaterial 7	erial Terminal Base Alloy		J-STD-020 MSL Rating		Peak Proce	Peak Process Body Temperat		ure Max Time at Peak Tempe		ture Num	ber of Reflow Cyc	les	
Matte Tin (Sn) - annealed CU All		CU Alloy	1			260	260 C		30 seco		seconds 3			
omments														
vel 1 - maximum time at peak temperat	ture during so	ldering 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 (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	0.45	mg	Supplier	Dimethyl Cyclosiloxanes	69430-24-6		0.045	mg
			Supplier	Trimethoxy(methyl)silane (C4H12O3Si)	1185-55-3		0.405	mg
Die	4.011	mg	В	Gallium Arsenide (AsGa)	1303-00-0		0.281	mg
			Supplier	Silicon (Si)	7440-21-3		3.73	mg
Die Attach	0.251	mg	Supplier	Silver (Ag)	7440-22-4		0.188	mg
			Supplier	Phenolic Resin-2	54208-63-8		0.063	mg
Lead Frame	112.468	mg	Supplier	Silver (Ag)	7440-22-4		0.709	mg
			Supplier	Zinc (Zn)	7440-66-6		0.135	mg
			Supplier	Iron (Fe)	7439-89-6		2.59	mg
			Supplier	Copper (Cu)	7440-50-8		109	mg
			Supplier	Phosphorus (P)	7723-14-0		0.034	mg
Mold Compound-Black	375.6	mg	Supplier	2,6-dibromo-4-[1-(3-bromo-4- hydroxyphenyl)-1-methylethyl]phenol	6386-73-8		15	mg
			Supplier	Ortho Cresol Novolac Resin	29690-82-2		86.3001	mg
			В	Antimony Trioxide (Sb2O3)	1309-64-4		11.3	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		262.9999	mg
Plating	2.88	mg	Supplier	Tin (Sn)	7440-31-5		2.88	mg
Wire Bond - Au	2.0	mg	Supplier	Gold (Au)	7440-57-5		2	mg

Substance Instructions: [A] select the Level (JIG A, JIG B, Requester or Supplier) [B] select the substance category (JIG or Requester) or enter a value (Supplier). [C] select the substance (JIG) or enter the substance and CAS (Other). [D] select a RoHS exemption, if applicable [E] enter the weight of the substance or the PPM concentration [F] Optionally enter the positive (+) and negative (-) tolerance in percent (Note: percent tolerance values are expected to cover a 3 sigma range of distribution unless otherwise noted).