ASSOCIATION CONNECTING LECTRONICS INDUSTRIES® INDUSTRIES® International and Pan-Arr	Bannockbu	ırn, Illinois. A	ll rights reserved untions.	under both	This docum level parts, t	ent is a declara	tion of the encompas	substance ses all low	s within the manufact er level materials for	urer listed which the	item. Note: if manufacturer l	the item is an a nas engineering	ssembly with lower responsibility.	
	IPC Web Site for Information on IPC-1752 Standard Form T http://www.ipc.org/IPC-175x Distribution				* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materia				rials and M	als and Mfg Information				
Supplier Information														
Company name* Compa			ompany unique ID			Unique ID Authority				Respo	Response Date*			
nsemi							:				2024-05-20			
Contact Name	ntact Name Title - Contact			Phone			e - Contact*			Email	Email - Contact*			
Product-Env-Stewards Product Envir			nviro Compliance			NA				Produ	Product-Env-Stewards@onsemi.com			
Authorized Representative* Title - Represent			sentative !			Phone - Representative*			Email	Email - Representative*				
Product-Env-Stewards Product			roduct Enviro Compliance			NA				Produ	Product-Env-Stewards@onsemi.com			
Requester Item Number	Mfr Item Number		Mfr Item Name			Effective Da	e Versio	n	Manufacturing Site		Weight*	UOM	Unit Type	
	FDMS1D	DMS1D4N03S PT9 30V		19 30V/12V Nch erTren Sy		2024-05-20			PBB		109.07974	mg	Each	
Manufacturing Proccess Information	1		-											
Terminal Plating / Grid Array Materi	Grid Array Material Terminal Base All		Alloy	J-STD-020 MSL Rating		Peak Process Body Temperature		re Max Time at Peak Tempera		ature Numbe	r of Reflow Cy	cles		
Matte Tin (Sn) - annealed CU Alloy				1		260		С	30	seco	onds 3			
Comments														
level 1 - maximum time at peak temperature o	luring sold	lering is 10-3	0 seconds											
For more information regarding material con	position p	lease refer to	page 3											

RoHS Material Composition Declaration				Declaration Type *	Detailed							
Directive 2015/863/EU amending RoHS Directive 2011/65/EU	(Pb), Mercury (Hg), Hexavalent Chro	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, polybromina contains a RoHS restricted substance inexces encompass all such components. Supplier cer as of the date that Supplier completes this for Company acknowledges that Supplier may h independently verified information provided certification in this paragraph. If the Company	ated biphenyls and/or polybrominated dip s of an applicable quantity limit, please in iffies that it gathered the information it pr m.Supplier acknowledges that Company ave relied on informationprovided by oth by others, Supplier agrees that, at a minir and the Supplier enter into a written agr esource of the Supplier's liability and the	henyl ethers (each a "RoHS restricted substa ndicate below which, if any, RoHS exemption ovides in this form using appropriate methoo will rely on this certification in determining ers in completing this form, and that Supplie num, itssuppliers have provided certification eement with respect to the identified part, the Company's remedies for issues that arise reg	nce") in exco n you believe ls to ensure i the compliar r may not ha s regarding t terms and co	e may apply. If the part is an assembly with low s accuracy and that such information is true an ce of its products with European Union member de independently verified such information. Ho neir contributions to the part, and those certifica	ove. If a homogeneous material within the part er level components, the declaration shall d correct to the best of its knowledge and belief, er state laws that implement the RoHS Directive. wever, in situations where Supplier has not ations are at least as comprehensive as the anty rights and/or remedies provided as part of							
RoHS Declaration * 4 - Item(	s) does not contain RoHS restricted subst	ances per the definition above except for sele	ected exempt	ions Supplier Acceptance	* Accepted							
Exemption: 7a: Lead in high melting temp	erature type solders (i.e. lead based sol	der alloys containing 85% by weight or m	ore lead).									
Exemption List Version	EL-2011/534/EU											
Declaration Signature												
Instructions: Complete all of the required Requester) and click on Submit Form to h			e drop-dowi	a. This will display the signature area. Digita	lly sign the declaration (if required by the							
Supplier Digital Signature	astislav 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
Clip	14.9856	mg	Supplier	Zinc (Zn)	7440-66-6		0.018	mg
			Supplier	Iron (Fe)	7439-89-6		0.3522	mg
			Supplier	Copper (Cu)	7440-50-8		14.611	mg
			Supplier	Phosphorus (P)	7723-14-0		0.0045	mg
Die	2.6048	mg	Supplier	Silicon (Si)	7440-21-3		2.6048	mg
Die Attach Solder	4.2978	mg	Supplier	Silver (Ag)	7440-22-4		0.1074	mg
			А	Lead (Pb)	7439-92-1	7a	3.9755	mg
			Supplier	Tin (Sn)	7440-31-5		0.2149	mg
Lead Frame	45.3136	mg	Supplier	Silver (Ag)	7440-22-4		2.2657	mg
			Supplier	Zinc (Zn)	7440-66-6		0.0544	mg
			Supplier	Iron (Fe)	7439-89-6		1.0875	mg
			Supplier	Copper (Cu)	7440-50-8		41.8698	mg
			Supplier	Phosphorus (P)	7723-14-0		0.0363	mg
Mold Compound-Black	39.5381	mg	Supplier	Ortho Cresol Novolac Resin	29690-82-2		2.57	mg
			Supplier	Carbon Black (C)	1333-86-4		0.1977	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		34.7935	mg
			Supplier	Phenolic Resin (Novolac)	9003-35-4		1.9769	mg
Plating	2.33184	mg	Supplier	Tin (Sn)	7440-31-5		2.3318	mg
Wire Bond - Cu	0.008	mg	Supplier	Palladium (Pd)	7440-05-3		0.0002	mg
			Supplier	Copper (Cu)	7440-50-8		0.0078	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).