ASSOCIATION CONNECTING	© Copyright 2005. IPC, international and Pan-Ar	Bannockb	urn, Illinois. A	ll rights reserved u ntions.	nder both	This docum level parts, t	ent is a declara	tion of the s encompass	substances es all lower	within the manufactu r level materials for w	rer listed	item. Note: if nanufacturer	the item is an as has engineering	ssembly with lower responsibility.	
1752-21.1	IPC Web Site for Information on IPC-1752 Standard Form Typ http://www.ipc.org/IPC-175x Distribute				* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materi				ials and N	als and Mfg Information					
Supplier Inform	ation														
Company name*			Company unique ID			Unique ID Authority				Respon	Response Date*				
onsemi											2024-04	2024-04-19			
Contact Name			Title - Contact				Phone - Contact*				Email -	Email - Contact*			
Product-Env-Stewards			Product Enviro Compliance				NA				Product-Env-Stewards@onsemi.com				
Authorized Represe	Title - Representative				Phone - Representative*				Email -	Email - Representative*					
Product-Env-Stewa	rds	Product Enviro Compliance				NA				Product-Env-Stewards@onsemi.com					
Requeste	Requester Item Number Mfr Item		n Number Mfr Item Name				Effective Dat	Date Version Manufacturing Site			Weight*	UOM	Unit Type		
		FDMS86163P FET -100		FET -100V 22.0 r	100V 22.0 mOhm PQFN56		2024-04-19		(СЛЈ		104.003	mg	Each	
Manufacturing l	Proccess Information	1													
Terminal Plating / Grid Array Material Ter			erminal Base Alloy J-STD-020 MSL Rat			L Rating	Peak Process Body Temperature Max Time at Peak				Temperature Number of Reflow Cycles				
Matte Tin (Sn) - annealed CU Allo			U Alloy	1			260 C 30			seconds 3					
Comments															
evel 1 - maximum ti	me at peak temperature o	luring sol	dering is 10-3	0 seconds											
for more informatio	on regarding material con	position p	please 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), Diisobutyl phthalate (DIBP).										
Please indicate whether any homogeneous material (as defined by the RoHS Directive, EU 2011/65/EU and implemented by the laws of the European Union member states) of the part identified on this form contains lead, mercury, cadmium, hexavalentchromium, polybrominated biphenyls and/or polybrominated diphenyl ethers (each a "RoHS restricted substance") in excess of the applicable quantity limit identified above. If a homogeneous material within the part contains a RoHS restricted substance inexcess of an applicable quantity limit, please indicate below which, if any, RoHS exemption you believe may apply. If the part is an assembly with lower level components, the declaration shall encompass all such components. Supplier certifies that it gathered the information it provides in this form using appropriate methods to ensure its accuracy and that such information is true and correct to the best of its knowledge and belief, is of the date that Supplier completes this form. Supplier acknowledges that Company will rely on this certification in determining the compliance of its products with European Union member state laws that implement the RoHS Directive. Company acknowledges that Supplier may have relied on informationprovided by others in completing this form, and that Supplier may not have independently verified information. However, in situations where Supplier has not ndependently verified information provided by others, Supplier agrees that, at a minimum, itsuppliers have provided certifications regarding their contributions to the part, and those certifications are at least as comprehensive as the sertification in this paragraph. If the Company and the Supplier into a written agreement with respect to the identified part, the terms and conditions of that agreement, including any warranty rights and/or remedies provided as part of hat agreement, will be the sole and exclusivesource of the Supplier's liability and the Company's remedies for issues that arise regarding information the Supplier provides in												
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
Die	5.09	mg	Supplier	Silicon (Si)	7440-21-3		5.09	mg
Die Attach Solder	3.92	mg	Supplier	Silver (Ag)	7440-22-4		0.098	mg
			А	Lead (Pb)	7439-92-1	7a	3.626	mg
			Supplier	Tin (Sn)	7440-31-5		0.196	mg
Lead Frame	44.88	mg	Supplier	Silver (Ag)	7440-22-4		0.1346	mg
			Supplier	Zinc (Zn)	7440-66-6		0.0539	mg
			Supplier	Iron (Fe)	7439-89-6		1.0547	mg
			Supplier	Copper (Cu)	7440-50-8		43.6234	mg
			Supplier	Phosphorus (P)	7723-14-0		0.0135	mg
Mold Compound-Black	47.25	mg	Supplier	Carbon Black (C)	1333-86-4		0.2362	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		41.3438	mg
			Supplier	Ortho-Cresol Novolac Resin	29690-82-2		2.835	mg
			Supplier	Phenolic Resin (Novolac)	9003-35-4		2.835	mg
Plating	0.445	mg	Supplier	Tin (Sn)	7440-31-5		0.445	mg
Wire Bond - Al	2.364	mg	Supplier	Aluminum (Al)	7429-90-5		2.364	mg
Wire Bond - Cu	0.054	mg	Supplier	Copper (Cu)	7440-50-8		0.054	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).