IPC - ASSOCIATION CONNECTING ELECTRONICS INDUSTRIE	© Copyright 2005. IP	Material Composition Declaration © Copyright 2005. IPC, Bannockburn, Illinois. All rights reserved under both international and Pan-American copyright conventions.			der both	This document is a declaration of the substances within the manufacturer listed item. Note: if the item is an assembly with lower level parts, the declaration encompasses all lower level materials for which the manufacturer has engineering responsibility.								
752-21.1					Form Type Distribute	* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materi				ials and Mfc Information				
upplier Inforn	nation								,					
Company name*			Company unique ID			J	Unique ID Authority				Response Date*			
onsemi											2024-05-18			
Contact Name			Title - Contact			I	Phone - Contact*				Email - Contact*			
Product-Env-Stewards			Product Enviro Compliance				NA				Product-Env-Stewards@onsemi.com			
Authorized Representative*			Title - Representative			I	Phone - Representative*				Email - Representative*			
Product-Env-Stewards			Product Enviro Compliance				NA				Product-Env-Stewards@onsemi.com			
Request	Requester Item Number Mf		fr Item Number Mfr Item Name			Effect		Version	N	Anufacturing Site	W	eight*	UOM	Unit Type
		FDMS86163P FET -100V 22.0		FET -100V 22.0 m	Ohm PQFN56	5	2024-05-18 CNJ		NJ	10	04.003	mg	Each	
	Process Informati			A11	CTD 020 MG	I. Dating	D. J. P	De de T		Man Time at D. I	T	No. 1	an of Deflect C	1
2 2			,		STD-020 MSI	L Kating	Peak Process Body To		emperatur				er of Reflow Cyc	eies
•	in (Sn) - annealed	C	U Alloy				260		IC	30	second	s 3		
omments														
	time at peak temperatur													
or more informati	on regarding material c	composition p	please refer to	page 3										

RoHS Material Composition Declaration			Declaration Type *	Detailed						
Directive 2015/863/EU amending RoHS Directive 2011/65/EU										
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 knowledges and belief, as 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 information provided by others in completing this form, and that Supplier may not have independently verified such information. However, in situations where Supplier has not independently verified information provided by others, Supplier agrees that, at a minimum, its paragraph. If the Company and the Supplier supplier have provided certifications regarding their contributions to the part, and those certifications are at least as comprehensive as the certification in this paragraph. If the Company and the Supplier enter into a written agreement with respect to the identified part, the terms and conditions of that agreement, including any warranty rights and/or remedies of Supplier's Standard Terms and Conditions of Sale applicable to such part shall apply.										
RoHS Declaration * 4 - Item(s) does not contain RoHS restricted substance	s per the definition above except for selected exemp	tions Supplier Acceptance	* Accepted						
Exemption: 7a: Lead in high melting temperature type solders (i.e. lead based solder alloys containing 85% by weight or more lead).										
Exemption List Version	EL-2011/534/EU									
Declaration Signature										
Instructions: Complete all of the required fields on all pages of this form. Select the "Accepted" on the Supplier Acceptance drop-down. This will display the signature area. Digitally sign the declaration (if required by the Requester) and click on Submit Form to have the form returned to the Requester.										
Supplier Digital Signature Ra	astislav Drska	-En								

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.

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).

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
			A	Lead (Pb)	7439-92-1	7a	3.626	mg
			Supplier	Tin (Sn)	7440-31-5		0.196	mg
Lead Frame	44.88		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			Proprietary	proprietary data		3.78	mg
			Supplier	Carbon Black (C)	1333-86-4		0.2362	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		43.2337	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