	http://www.ipc.org/IPC		dard	Form Type *	l				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.						
	tion		IPC Web Site for Information on IPC-1752 Standard Form Type http://www.ipc.org/IPC-175x Distribute			Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materia				ials and Mfg Information					
ompany name*							· · · · · ·								
		Company ur	Company unique ID		Unique ID Authority			Response Date*							
semi									2024-05-18						
Contact Name Title - Contact				Phone - Con		act* Ema		Email - Contact*	mail - Contact*						
Product-Env-Stewards Pr			Product Enviro Compliance		NA	NA			Product-Env-Stewards@onsemi.com						
Authorized Representative* Title -			itle - Representative		Phone - Repres	Phone - Representative*			Email - Representative*						
roduct-Env-Steward	s	Product Env	Product Enviro Compliance		NA			Product-Env-Stewards@onsemi.com							
Requester I	tem Number	Mfr Item Number	Mfr Item Name		Effective Date	Version	Manufacturing Site	Weight*	UOM	Unit Type					
	FDMS86150ET100		FET 100V 4.85 mOhm PQFN56		2024-05-18		PBB	122.136	mg	Each					
	roccess Information		Allow I C	TD-020 MSL Rating	Dools Duo	ass Dody Tampan	true May Time at Peak	Tampagatura Numba	m of Doflow Cw	alag					
			,		Peak Process Body Temperature Max Time at 260 C 30										
	511) - anneaied	CU Alloy	1		200		30	seconds 3							
omments	a at neels temperature d	luring coldoring is 10	10 seconds												
	e at peak temperature d regarding material com														

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), 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, 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 uppliers 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 provided as part of that agreement, will be the sole and exclusivesource of the Supplier's Itability and the Company's remedies for issues that arise regarding information the Supplier provi									
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
Clip	19.1	mg	Supplier	Zinc (Zn)	7440-66-6		0.0229	mg
			Supplier	Iron (Fe)	7439-89-6		0.4489	mg
			Supplier	Copper (Cu)	7440-50-8		18.6225	mg
			Supplier	Phosphorus (P)	7723-14-0		0.0057	mg
Die	2.54	mg	Supplier	Silicon (Si)	7440-21-3		2.54	mg
Lead Frame	46.436	mg	Supplier	Silver (Ag)	7440-22-4		0.065	mg
			Supplier	Zinc (Zn)	7440-66-6		0.0464	mg
			Supplier	Iron (Fe)	7439-89-6		0.9752	mg
			Supplier	Copper (Cu)	7440-50-8		45.303	mg
			Supplier	Phosphorus (P)	7723-14-0		0.0464	mg
Mold Compound-Black	42.7	mg		Proprietary	proprietary data		3.416	mg
			Supplier	Carbon Black (C)	1333-86-4		0.2135	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		39.0705	mg
Plating	8.33	mg	Supplier	Tin (Sn)	7440-31-5		8.33	mg
Solder Paste	3.017	mg	Supplier	Silver (Ag)	7440-22-4		0.0754	mg
			A	Lead (Pb)	7439-92-1	7a	2.8812	mg
			Supplier	Tin (Sn)	7440-31-5		0.0603	mg
Wire Bond - Cu	0.013	mg	Supplier	Palladium (Pd)	7440-05-3		0.0002	mg
			Supplier	Gold (Au)	7440-57-5		0	mg
			Supplier	Copper (Cu)	7440-50-8		0.0128	mg