ASSOCIATION CONNECTING ELECTRONICS INDUSTRIES INCOMPACTING OCOPYRIGHT 2005. international and Pa	IPC, Bannockt	ourn, Illinois. A	Il rights reserved u ntions.	nder both	This docum level parts, t	ent is a declarati the declaration e	on of the subs	stances w all lower l	vithin the manufacture level materials for wh	er listed i hich the n	tem. Note: if nanufacturer	the item is an as has engineering	sembly with lower responsibility.
					Type * Declaration Class *   ute Class 6 - RoHS Yes/No, Homogeneous Mater				ials and Mfg Information				
Supplier Information													
Company name* Co		Company un	Company unique ID			Unique ID Authority				Response Date*			
On Semiconductor										2021-02-04			
Contact Name Title - Co			le - Contact			Phone - Contact*				Email - Contact*			
Product-Env-Stewards Product E			luct Enviro Compliance			NA				Product-Env-Stewards@onsemi.com			
Authorized Representative* Title - Re			- Representative			Phone - Representative*			Email - Representative*				
Product-Env-Stewards Produc			oduct Enviro Compliance			NA				Product-Env-Stewards@onsemi.com			
Requester Item Number	er Item Number Mfr Item		Number Mfr Item Name			Effective Date	Version	n Manufacturing Site			Weight*	UOM	Unit Type
	FDT434	Р	FET 20V 50.0 mOhm SOT223			2021-02-04		PB	РВВ		118.648	mg	Each
Manufacturing Proccess Informa	ation					•							
Terminal Plating / Grid Array M	Terminal Plating / Grid Array Material Terminal Base A		Alloy J	-STD-020 MSL	Rating	Peak Proce	ess Body Ten	nperature	Max Time at Peak	Tempera	ture Numb	er of Reflow Cyc	eles
Matte Tin (Sn) - annealed CU Alloy		CU Alloy	1	l		260	0	2	30	secon	nds 3		
Comments													
level 1 - maximum time at peak temperat	ure during so	Idering is 10-3	0 seconds										
For 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 (DBP), Dibutyl phthalate (DBP).									
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 ifies 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
Die	1.54	mg	Supplier	Silicon (Si)	7440-21-3		1.54	mg
Die Attach Solder	0.541	mg	Supplier	Silver (Ag)	7440-22-4		0.0135	mg
			А	Lead (Pb)	7439-92-1	7a	0.5004	mg
			Supplier	Tin (Sn)	7440-31-5		0.027	mg
Lead Frame	66.944	mg	Supplier	Silver (Ag)	7440-22-4		0.234	mg
			Supplier	Zinc (Zn)	7440-66-6		0.08	mg
			Supplier	Iron (Fe)	7439-89-6		1.61	mg
			Supplier	Copper (Cu)	7440-50-8		65	mg
			Supplier	Phosphorus (P)	7723-14-0		0.02	mg
Mold Compound-Black	41.108	mg	Supplier	2,6-dibromo-4-[1-(3-bromo-4- hydroxyphenyl)-1-methylethyl]phenol	6386-73-8		0.6331	mg
			Supplier	Ortho Cresol Novolac Resin	29690-82-2		9.0396	mg
			В	Antimony Trioxide (Sb2O3)	1309-64-4		1.2415	mg
			Supplier	Carbon Black (C)	1333-86-4		0.4111	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		29.7827	mg
Plating	8.29	mg	Supplier	Tin (Sn)	7440-31-5		8.29	mg
Wire Bond - Cu	0.225	mg	Supplier	Copper (Cu)	7440-50-8		0.225	mg