	Material Compo © Copyright 2005. II international and Pan	PC, Bannockb	ourn, Illinois. A	All rights reserved u ntions.	under both	This docume level parts, t	ent is a declarati he declaration e	on of the ncompass	substances ses all lowe	within the er level mate	manufactur erials for wh	er listed ite hich the m	em. Note: i anufacturer	f the item is an as r has engineering	sembly with lowe responsibility.	
1752-21.1					Form Type Distribute	* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materi					ous Materia	als and Mfg Information				
Supplie	r Information															
Company	name*	Company unique ID			1	Unique ID Authority					Response Date*					
onsemi												2024-05-18				
Contact N	lame	Title - Contact]	Phone - Contact*				Email - Contact*						
Product-l	Env-Stewards		Product Enviro Compliance				NA					Product-Env-Stewards@onsemi.com				
uthorize	ed Representative*		Title - Representative]	Phone - Representative*				Email - Representative*					
Product-l	Env-Stewards	Product Enviro Compliance				NA				Product-Env-Stewards@onsemi.com						
	Requester Item Number Mfr Item		Number Mfr Item Name				Effective Date	Effective DateVersionManufacturing Site2024-05-18KR8		ing Site	v	Veight*	UOM	Unit Type		
		FGAF40N60SMD FS2PIG		FS2PIGBT TO3P	2PIGBT TO3PF 40A 600V					KR8		5	601.57	mg	Each	
/Ianufa	cturing Proccess Informat	tion														
	Terminal Plating / Grid Array Material		Ferminal Base Alloy J-STD-020		J-STD-020 MS	L Rating	Peak Process Body Temperat		Temperatu	ure Max Time at Peak Ten		Temperatu	ire Numb	per of Reflow Cyc	eles	
	Matte Tin (Sn) - annealed		CU Alloy NA			0 C		C	30		second	ls 3				
omments	3															
or more	information regarding material	composition	please refer to	o page 3												

RoHS Material Composition Declaration				Declaration Type *	Detailed					
Directive 2015/863/EU amending RoHS Directive 2011/65/EU		mium (Cr6+), Polybrominated Biphenyls (Pl		dmium and quantity limit of 0.1% by mass (10 minated Diphenyl Ethers (PBDE), and Bis(2-et						
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 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	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	6.19	mg	Supplier	Silicon (Si)	7440-21-3		6.19	mg
Die Attach	1.84	mg	Supplier	Silver (Ag)	7440-22-4		0.0276	mg
			А	Lead (Pb)	7439-92-1	7a	1.7204	mg
			Supplier	Tin (Sn)	7440-31-5		0.092	mg
ead Frame	2760.21	mg	Supplier	Silver (Ag)	7440-22-4		6.62	mg
			Supplier	Iron (Fe)	7439-89-6		2.76	mg
			Supplier	Copper (Cu)	7440-50-8		2750.0027	mg
			Supplier	Phosphorus (P)	7723-14-0		0.8275	mg
Mold Compound	2807.7	mg	Supplier	Polymer(phenyl glycidil ether)-co- dicyclopentadiene	119345-05-0		84.231	mg
			Supplier	Proprietary	Proprietary Data		42.1155	mg
			Supplier	Ortho Cresol Novolac Resin	29690-82-2		140.385	mg
			Supplier	Carbon Black (C)	1333-86-4		14.0385	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		421.155	mg
			Supplier	Phenolic Resin (Novolac)	9003-35-4		140.385	mg
			Supplier	Silica Crystalline (SiO2)	14808-60-7		1965.3899	mg
Plating	22.9	mg	Supplier	Tin (Sn)	7440-31-5		22.9	mg
Wire Bond - Al	2.73	mg	Supplier	Aluminum (Al)	7429-90-5		2.73	mg