	Material Comp © Copyright 2005. Il International and Par	PC, Bannockb	ourn, Illinois. A	All rights reserved u ntions.	nder both	This docume level parts, t	ent is a declara he declaration	tion of t encomp	the substances passes all low	s within the er level mat	manufactur erials for wl	er listed it hich the m	em. Note: i anufacture	if the item is an as r has engineering	ssembly with low responsibility.
752-21.1	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 Mater					eous Materia	ials and Mfg Information				
upplie	r Information														
ompany	name*	Company unique ID				Unique ID Authority					Response Date*				
nsemi												2024-04-20			
Contact N	lame		Title - Contact				Phone - Contact*					Email - Contact*			
Product-I	Env-Stewards		Product Enviro Compliance				NA				Product-Env-Stewards@onsemi.com				
uthorize	ed Representative*		Title - Representative				Phone - Representative*				Email - Representative*				
roduct-I	Env-Stewards		Product Enviro Compliance				NA				Product-Env-Stewards@onsemi.com				
	Requester Item Number Mfr Item		n Number Mfr Item Name				Effective Date	e Ver	Version Manufacturing Site		V	Veight*	UOM	Unit Type	
		FGA40T65SHDF FS3T		FS3TIGBT TO3P	FS3TIGBT TO3PN 40A 650V		2024-04-20			СРА		5	476.45	mg	Each
Ianufa	cturing Proccess Information	tion													
	Terminal Plating / Grid Array Material		Terminal Base Alloy J-STD-020		J-STD-020 MS	L Rating	Peak Process Body Tempera		dy Temperatu	ure Max Time at Peak Ter		Temperati	are Num	ber of Reflow Cyc	cles
	Matte Tin (Sn) - annealed		CU Alloy NA			0 C		30		second	is 3				
omments	3														
or more	information regarding material	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), Diisobutyl phthalate (DIBP).										
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 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.

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

Homogeneous Material	Weight	Unit of Measure	Level	Substance	CAS	Exempt	Weight	Unit of Measure
Die	83.6	mg	Supplier	Silicon (Si)	7440-21-3		83.6	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
Lead Frame	3624.71	mg	Supplier	Tin (Sn)	7440-31-5		3.62	mg
			Supplier	Copper (Cu)	7440-50-8		3620.0017	mg
			Supplier	Phosphorus (P)	7723-14-0		1.088	mg
Mold Compound-Black	1736.8	mg	Supplier	Ortho Cresol Novolac Resin	29690-82-2		138.944	mg
			Supplier	Carbon Black (C)	1333-86-4		17.368	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		1493.6481	mg
			Supplier	Phenolic Resin (Novolac)	9003-35-4		86.84	mg
Plating	26.5	mg	Supplier	Tin (Sn)	7440-31-5		26.5	mg
Wire Bond - Al	3.0	mg	Supplier	Aluminum (Al)	7429-90-5		3	mg