ASSOCIATION CONNECTING	© Copyright 2005. IPC, international and Pan-Ar	Bannockb	urn, Illinois. A	ll rights reserved untions.	under both	This docume level parts, t	ent is a declara he declaration	tion of the encompass	substances es all lower	within the manufacture relevel materials for w	urer listed which the	item. Note: if manufacturer	the item is an as has engineering	ssembly with lower responsibility.	
1752-21.1	IPC Web Site for Information on IPC-1752 Standard Form Typ http://www.ipc.org/IPC-175x Distribute				e *	 Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materia 				rials and N	als and Mfg Information				
Supplier Inform	ation														
Company name*			Company unique ID			-	Unique ID Authority				Respor	Response Date*			
onsemi											2023-0	2023-06-08			
Contact Name			Title - Contact				Phone - Contact*				Email	Email - Contact*			
Product-Env-Stewards			Product Enviro Compliance				NA				Produ	Product-Env-Stewards@onsemi.com			
Authorized Representative*			Title - Representative				Phone - Representative*				Email	Email - Representative*			
Product-Env-Stewards			Product Enviro Compliance				NA				Produ	Product-Env-Stewards@onsemi.com			
Requester	equester Item Number Mfr Item		n Number Mfr Item Name				Effective Dat	Tective Date Version Manufacturing Site		Manufacturing Site		Weight*	UOM	Unit Type	
		FGBS3040E1-F085		Smart IGN-IGBT TO263-7			2023-06-08		(СРА		1559.6517	mg	Each	
Manufacturing I	Proccess Information	1													
Terminal Plating / Grid Array Material Terr			erminal Base A	rminal Base Alloy J-STD-020 MSL		L Rating	Peak Process Body Temperat		Temperatur	ture Max Time at Peak Temp		ture Numbe	er of Reflow Cy	cles	
Matte Tin (Sn) - annealed CU A			U Alloy	Alloy 3			245 C		С	30	seco	nds 3			
Comments															
ATTENTION: MSL	3 Rated item requires Ba	ke and D	ry Pack (after	electrical test)											
for more informatio	n regarding material con	position	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.

Homogeneous Material	Weight	Unit of Measure	Level	Substance	CAS	Exempt	Weight	Unit of Measure
Die	6.75	mg	Supplier	Silicon (Si)	7440-21-3		6.75	mg
Die Attach Solder	2.2697	mg	Supplier	Silver (Ag)	7440-22-4		0.0567	mg
			А	Lead (Pb)	7439-92-1	7a	2.0995	mg
			Supplier	Tin (Sn)	7440-31-5		0.1135	mg
Die Attach Tape	0.398	mg	Supplier	Phenolic Resin-2	54208-63-8		0.1194	mg
			Supplier	Ortho Cresol Novolac Resin	29690-82-2		0.2786	mg
Lead Frame	921.224	mg	Supplier	Tin (Sn)	7440-31-5		0.224	mg
			В	Nickel (Ni)	7440-02-0		0.0921	mg
			Supplier	Iron (Fe)	7439-89-6		0.921	mg
			Supplier	Copper (Cu)	7440-50-8		919.7104	mg
			Supplier	Phosphorus (P)	7723-14-0		0.2763	mg
Mold Compound-Black	626.0	mg	Supplier	Phenol, polymer with 1,4- bis(methoxymethyl)benzene	26834-02-6		31.3	mg
			Supplier	Proprietary	Proprietary Data		28.17	mg
			Supplier	Ortho Cresol Novolac Resin	29690-82-2		31.3	mg
			Supplier	Carbon Black (C)	1333-86-4		3.13	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		532.1	mg
Wire Bond - Al	1.37	mg	Supplier	Aluminum (Al)	7429-90-5		1.37	mg
Wire Bond - Au	1.64	mg	Supplier	Gold (Au)	7440-57-5		1.64	mg