ASSOCIATION CONNECTING ELECTRONICS INDUSTRIES® International and Par	PC. Bannockł	ourn, Illinois, A	Il rights reserved untions.	under both	This docume level parts, t	ent is a declarati the declaration e	on of the su	ibstances v s all lower	vithin the manufact level materials for	turer listed which the	item. Note: if manufacturer	the item is an as has engineering	ssembly with low responsibility.	
P 2 21 1 IPC Web Site for Information on IPC-1752 Standard Form				Form Type Distribute	* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materials and Mfg Information					on				
Supplier Information														
Company name* Comp			Company unique ID			Unique ID Authority				Respo	Response Date*			
nsemi								2024-0	2024-04-20					
Contact Name	ct Name Title - Contact					Phone - Contact*				Email	Email - Contact*			
Product-Env-Stewards Product Enviro			ro Compliance		NA				Produ	Product-Env-Stewards@onsemi.com				
Authorized Representative* Title - Represen			sentative			Phone - Representative*			Email	Email - Representative*				
Product-Env-Stewards Product H			duct Enviro Compliance			NA				Produ	Product-Env-Stewards@onsemi.com			
Requester Item Number	Mfr Item Number		Mfr Item Name			Effective Date	Version	M	Manufacturing Site		Weight*	UOM	Unit Type	
	FGD273	FGD2736G3-F085 EcoSpark3 IGN-I		IGBT TO252	52 2024-04-			P	PBB		260.36914	mg	Each	
Ianufacturing Proccess Informa	tion											·	·	
Terminal Plating / Grid Array Ma	aterial 7	ial Terminal Base Alloy		J-STD-020 MSI	L Rating	Peak Proce	ocess Body Temperature Max Time at Peak		ık Temper	ature Numbe	r of Reflow Cy	cles		
Matte Tin (Sn) - annealed CU Alloy			1		260		С	30	seco	onds 3				
omments														
vel 1 - maximum time at peak temperatu	ire during so	Idering is 10-3	0 seconds											
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		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 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.

sigma range of distribution unless otherwise noted).									
Homogeneous Material	Weight	Unit of Measure	Level	Substance	CAS	Exempt	Weight	Unit of Measure	
Die	1.84	mg	Supplier	Silicon (Si)	7440-21-3		1.84	mg	
Die Attach Solder	5.37785	mg	Supplier	Silver (Ag)	7440-22-4		0.1344	mg	
			А	Lead (Pb)	7439-92-1	7a	4.9745	mg	
			Supplier	Tin (Sn)	7440-31-5		0.2689	mg	
Lead Frame	145.343	mg	Supplier	Tin (Sn)	7440-31-5		0.2035	mg	
			В	Nickel (Ni)	7440-02-0		0.6686	mg	
			Supplier	Copper (Cu)	7440-50-8		144.4709	mg	
Mold Compound-Black	105.876	mg		Epoxy resin	proprietary data		6.3526	mg	
			Supplier	Phenolic Resin	Proprietary Data		6.3526	mg	
			Supplier	Carbon Black (C)	1333-86-4		0.5294	mg	
			Supplier	Fused Silica (SiO2)	60676-86-0		89.9946	mg	
			Supplier	Silica Crystalline (SiO2)	14808-60-7		2.6469	mg	
Plating	1.092	mg	Supplier	Tin (Sn)	7440-31-5		1.092	mg	
Wire Bond - Al	0.840288	mg	Supplier	Aluminum (Al)	7429-90-5		0.8403	mg	

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 signa range of distribution unless otherwise noted).