ASSOCIATION CONNECTING LECTRONICS INDUSTRIES® INCLUSTRIES	PC. Bannockł	ourn. Illinois. A	Ill rights reserved untions.	under both	This docume level parts, t	ent is a declara the declaration	ion of the s encompasse	ubstances es all lowe	within the ma r level materia	nufacturer als for whic	listed item. No	ote: if t cturer h	he item is an as as engineering	sembly with lowe responsibility.
	21.1 IPC Web Site for Information on IPC-1752 Standard Form Distri				* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Material					s Materials	uls and Mfg Information			
Supplier Information														
Company name* Com			Company unique ID			Unique ID Authority					Response Date*			
onsemi											2024-05-18			
Contact Name	ntact Name Title - Contact				Phone - Conta	Phone - Contact*				Email - Contact*				
Product-Env-Stewards Product Env.			viro Compliance			NA				I	Product-Env-Stewards@onsemi.com			
Authorized Representative* Title - Repr			resentative			Phone - Representative*				E	Email - Representative*			
Product-Env-Stewards Product			duct Enviro Compliance			NA				I	Product-Env-Stewards@onsemi.com			
Requester Item Number	Mfr Item Number		Mfr Item Name			Effective Dat	e Version	]	Manufacturing Site		Weight	t*	UOM	Unit Type
	FGD305	GD3050G2 EcoSpark2 IGN-		JBT TO252		2024-05-18		1	РВВ		264.459	914	mg	Each
Manufacturing Proccess Informa	tion							·						
Terminal Plating / Grid Array M	aterial 7	al Terminal Base Alloy		J-STD-020 MSL	Rating	Peak Pro	Process Body Temperature Max Time at Peak		at Peak Te	Temperature Number of Reflow Cycles		les		
Matte Tin (Sn) - annealed CU Alloy			1		260		С	30		seconds 3	3			
Comments														
evel 1 - maximum time at peak temperatu	re during so	Idering is 10-3	0 seconds											
for 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 temperature type solders (i.e. lead based solder alloys containing 85% by weight or more 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	5.93	mg	Supplier	Silicon (Si)	7440-21-3		5.93	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).