	Material Composit © Copyright 2005. IPC, I international and Pan-Am	Bannockb	urn, Illinois. A	ll rights reserved untions.	nder both	This docum level parts,	ent is a declara the declaration	tion of the s encompasse	ubstances es all lower	within the manufactu r level materials for w	rer listed i hich the r	tem. Note: if nanufacturer	the item is an as has engineering	sembly with lower responsibility.	
	IPC Web Site for Information on IPC-1752 Standard Form Type http://www.ipc.org/IPC-175x Distribute				* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materi				als and Mfg Information						
Supplier Informat	ion														
Company name*			Company unique ID				Unique ID Authority				Response Date*				
onsemi											2024-05	2024-05-01			
Contact Name			Title - Contact				Phone - Contact*				Email -	Email - Contact*			
Product-Env-Stewards			Product Enviro Compliance				NA				Product-Env-Stewards@onsemi.com				
Authorized Representa	tive*		Title - Representative				Phone - Representative*				Email - Representative*				
Product-Env-Stewards			Product Enviro Compliance				NA				Product-Env-Stewards@onsemi.com				
Requester It	Requester Item Number Mfr Iten		n Number Mfr Item Name				Effective Dat	e Version	N	Manufacturing Site		Weight*	UOM	Unit Type	
		FFSD0665B-F085 650		650V 6A SIC SBD GEN1.5		2024-05-01		C	СРА		329.241	mg	Each		
Manufacturing Pr	occess Information	I						-							
Terminal Plating / Grid Array Material Termina			erminal Base A	inal Base Alloy J-STD-020 MSL			Peak Process Body Temperature Max Time at Peak			Temperature Number of Reflow Cycles					
Matte Tin (Sn) - annealed CU Alloy			U Alloy		1		260		С	30	secor	ids 3			
Comments															
evel 1 - maximum time	e at peak temperature d	uring sol	dering is 10-3	0 seconds											
For more information	regarding material com	position <b>j</b>	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 ifies 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 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.

sigma range of distribution unless otherwise noted).									
Homogeneous Material	Weight	Unit of Measure	Level	Substance	CAS	Exempt	Weight	Unit of Measure	
Die	5.16	mg	Supplier	Silicon Carbide	409-21-2		5.16	mg	
Die Attach Solder	5.026	mg	Supplier	Silver (Ag)	7440-22-4		0.1257	mg	
			А	Lead (Pb)	7439-92-1	7a	4.6491	mg	
			Supplier	Tin (Sn)	7440-31-5		0.2513	mg	
Lead Frame	167.854	mg	Supplier	Tin (Sn)	7440-31-5		0.168	mg	
			В	Nickel (Ni)	7440-02-0		0.168	mg	
			Supplier	Copper (Cu)	7440-50-8		167.518	mg	
Mold Compound-Black	149.268	mg		Epoxy resin	proprietary data		8.9561	mg	
			Supplier	Phenolic Resin	Proprietary Data		8.9561	mg	
			Supplier	Carbon Black (C)	1333-86-4		0.7463	mg	
			Supplier	Fused Silica (SiO2)	60676-86-0		126.8778	mg	
			Supplier	Silica Crystalline (SiO2)	14808-60-7		3.7317	mg	
Plating	1.092	mg	Supplier	Tin (Sn)	7440-31-5		1.092	mg	
Wire Bond - Al	0.841	mg	Supplier	Aluminum (Al)	7429-90-5		0.841	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 signar range of distribution unless otherwise noted)