© (aterial Composit Copyright 2005. IPC, I ernational and Pan-Am	Bannockbi	urn, Illinois. A	Il rights reserved ntions.	under both	This docum level parts,	ent is a decla the declaration	aration on enco	of the substanc	es withi wer leve	n the manufactur l materials for w	rer listed it hich the m	em. Note: i anufacture	if the item is an a r has engineering	ssembly with lower responsibility.	
					Form Type Distribute	* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materials a					ials and Mi	s and Mfg Information				
Supplier Informatio	n															
Company name*			Company unique ID			Unique ID Authority					Response Date*					
onsemi										2025-07-05						
Contact Name			Title - Contact				Phone - Contact*					Email -	Email - Contact*			
Product-Env-Stewards			Product Enviro Compliance			NA					Product-Env-Stewards@onsemi.com					
Authorized Representative*			Title - Representative			Phone - Representative*				Email - Representative*						
Product-Env-Stewards			Product Enviro Compliance			NA				Product-Env-Stewards@onsemi.com						
Requester Item	Requester Item Number Mfr Item		Number Mfr Item Name				Effective I	Date	Version	Manufacturing Site		1	Weight*	UOM	Unit Type	
		NTB082N65S3F SU		SUPERFET3 650V D2PAK PKG		G	2025-07-03	5		СРА		1	485.098	mg	Each	
Manufacturing Proc	ccess Information	I					-									
Terminal Plating / Grid Array Material Termina			erminal Base A	ase Alloy J-STD-020 MSL Ra		L Rating	Peak Process Body Temperate		ture M	ure Max Time at Peak Temp		ure Numb	ber of Reflow Cy	cles		
Matte Tin (Sn) - annealed CU Alloy			U Alloy		1		245		С	30)	secon	ds 3			
Comments																
level 1 - maximum time a	t peak temperature d	uring sole	dering is 10-3	0 seconds												
For more information reg	garding material com	position p	olease 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	12.3	mg	Supplier	Silicon (Si)	7440-21-3		12.3	mg		
Die Attach Solder	7.33	mg	Supplier	Silver (Ag)	7440-22-4		0.1832	mg		
			А	Lead (Pb)	7439-92-1	7a	6.7803	mg		
			Supplier	Tin (Sn)	7440-31-5		0.3665	mg		
Lead Frame	860.318	mg	Supplier	Tin (Sn)	7440-31-5		1.0324	mg		
			В	Nickel (Ni)	7440-02-0		0.4302	mg		
			Supplier	Copper (Cu)	7440-50-8		858.8555	mg		
Mold Compound-Black	595.0	mg		Epoxy resin	proprietary data		35.7	mg		
			Supplier	Phenolic Resin	Proprietary Data		35.7	mg		
			Supplier	Carbon Black (C)	1333-86-4		2.975	mg		
			Supplier	Fused Silica (SiO2)	60676-86-0		505.75	mg		
			Supplier	Silica Crystalline (SiO2)	14808-60-7		14.875	mg		
Plating	5.52	mg	Supplier	Tin (Sn)	7440-31-5		5.52	mg		
Wire Bond - Al	4.63	mg	Supplier	Aluminum (Al)	7429-90-5		4.63	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).