ASSOCIATION CONNECTING ELECTROMICS INDUSTRIES®	PC. Bannockh	ourn, Illinois, A	Il rights reserved untions.	under both	This docum level parts, t	ent is a declarati the declaration e	on of the su	bstances all lower	within the manufac level materials for	turer listed which the	item. Note: i manufacture	if the item is an as r has engineering	sembly with low responsibility.	
				Form Type Distribute	*	Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materials					ls and Mfg Information			
upplier Information														
Company name* Company			ipany unique ID			Unique ID Authority				Respo	Response Date*			
onsemi										2025-0	2025-08-03			
Contact Name	tact Name Title - Contact					Phone - Contact*				Email	Email - Contact*			
Product-Env-Stewards Product Enviro Con			o Compliance			NA				Produ	Product-Env-Stewards@onsemi.com			
Authorized Representative* Title - Representati			entative I			Phone - Representative*			Email	Email - Representative*				
Product-Env-Stewards Produ			Product Enviro Compliance			NA				Produ	Product-Env-Stewards@onsemi.com			
Requester Item Number	Mfr Item	Number	Mfr Item Name			Effective Date	Version Manufacturing Site			Weight*	UOM	Unit Type		
	FFB20U	B20UP20STM UFR D2PAK PN 20		20A 200V		2025-08-03					1485.098	mg	Each	
Ianufacturing Proccess Informat	tion		·											
Terminal Plating / Grid Array Ma	terial T	al Terminal Base Alloy J-		J-STD-020 MSI	L Rating	Peak Proce	ess Body Temperature Max Time at Peak		ak Temper	ature Numb	ber of Reflow Cyc	les		
Matte Tin (Sn) - annealed CU Alloy		CU Alloy		1		245		С	30	seco	onds 3			
omments														
vel 1 - maximum time at peak temperatu	re during sol	dering 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	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.

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).