	CONNECTING NOUSTRIES* international and Par	PC, Bannockt	ourn, Illinois. A	All rights reserved u ntions.	nder both	This docume level parts, t	ent is a declara he declaration	ation o 1 encor	of the substances mpasses all lowe	within th r level m	e manufactur aterials for w	rer listed in hich the m	tem. Note: i nanufacturer	f the item is an as r has engineering	sembly with lowe responsibility.	
1752-21.1					Form Type Distribute	* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Mater					als and Mfg Information					
Supplier	Information															
Company n	ame*	Company unique ID				Unique ID Authority					Response Date*					
onsemi													2024-05-21			
Contact Na	me		Title - Contact				Phone - Contact*					Email - Contact*				
Product-E	nv-Stewards	Product Enviro Compliance				NA				Product-Env-Stewards@onsemi.com						
Authorized	Representative*	Title - Representative				Phone - Representative*				Email - Representative*						
Product-Ei	nv-Stewards	Product Enviro Compliance				NA				Product-Env-Stewards@onsemi.com						
	Requester Item Number Mfr Item Number Mfr Item Name FCP650N80Z SF2 800V 850m		Number Mfr Item Name				Effective Date Version Manufacturing Site		uring Site	Weight*		UOM	Unit Type			
			SF2 800V 850mC	0hm E TO220	2024-05-21			СРА		2	2030.181	mg	Each			
Aanufac	turing Proccess Informa	tion														
7	Terminal Plating / Grid Array Material		Ferminal Base Alloy J-STD-0		-STD-020 MSI	L Rating	Peak Process Bo		Body Temperature Max Time at Peak		Temperature Number of		per of Reflow Cyc	eles		
Matte Tin (Sn) - annealed			CU Alloy NA				0 C 30			seconds 3						
omments																
or more in	nformation regarding material	composition	please refer to	o 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 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	2.81	mg	Supplier	Silicon (Si)	7440-21-3		2.81	mg
Die Attach Solder	1.111	mg	Supplier	Silver (Ag)	7440-22-4		0.0278	mg
			А	Lead (Pb)	7439-92-1	7a	1.0277	mg
			Supplier	Tin (Sn)	7440-31-5		0.0555	mg
Lead Frame	1492.12	mg	В	Nickel (Ni)	7440-02-0		0.173	mg
			Supplier	Iron (Fe)	7439-89-6		1.5	mg
			Supplier	Copper (Cu)	7440-50-8		1489.9982	mg
			Supplier	Phosphorus (P)	7723-14-0		0.4489	mg
Mold Compound-Black	518.4	mg		Metal Hydroxide	proprietary data		18.144	mg
			Supplier	Ortho Cresol Novolac Resin	29690-82-2		41.472	mg
			Supplier	Carbon Black (C)	1333-86-4		2.592	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		414.72	mg
			Supplier	Phenolic Resin (Novolac)	9003-35-4		41.472	mg
Plating	13.3	mg	Supplier	Tin (Sn)	7440-31-5		13.3	mg
Wire Bond - Al	2.44	mg	Supplier	Aluminum (Al)	7429-90-5		2.44	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).