ASSOCIATION CONNECTING ELECTROMICS INDUSTRIES® international and	position De 5. IPC, Bannockt Pan-American co	claration ourn, Illinois. <i>A</i> opyright conve	All rights reserved u ntions.	nder both	This docume level parts, th	ent is a declarati he declaration e	on of the substancompasses all 1	ces within the ma ower level materia	anufacturer lis als for which	ted item. Note: i	f the item is an as r has engineering	ssembly with low responsibility.	
	IPC Web Site for Information on IPC-1752 Standard Form Ty http://www.ipc.org/IPC-175x Distribut				 * Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materi 				s Materials ar	als and Mfg Information			
upplier Information													
Company name*			Company unique ID			Unique ID Authority				Response Date*			
onsemi										2024-04-28			
Contact Name Title - Contact			ct	Phone -			ontact* E			Email - Contact*			
Product-Env-Stewards Pro			Product Enviro Compliance			NA				Product-Env-Stewards@onsemi.com			
Authorized Representative* Title - Repre			Representative F			Phone - Representative*			Em	Email - Representative*			
Product-Env-Stewards Pr			Product Enviro Compliance			NA			Pro	Product-Env-Stewards@onsemi.com			
Requester Item Number	Mfr Item	Mfr Item Number		Mfr Item Name		Effective Date	Version	Manufacturing Site		Weight*	UOM	Unit Type	
	FFPF100	PF10UP60STU UFR TO220F2L		PN 10A 600V		2024-04-28 CPA			2084.4	mg	Each		
Ianufacturing Proccess Inform	nation					•							
Terminal Plating / Grid Array	Terminal Plating / Grid Array Material Terminal Base A		Alloy J	J-STD-020 MSL Rating		Peak Process Body Temperature Max Time		e at Peak Tem	perature Numb	per of Reflow Cy	cles		
Matte Tin (Sn) - annealed		CU Alloy NA			0 C 30		s	seconds 3					
omments													
or more information regarding mater	ial composition	please refer to	page 3										

RoHS Material Composition Declaration				Declaration Type *	Detailed						
Directive 2015/863/EU amending RoHS Directive 2011/65/EU	(Pb), Mercury (Hg), Hexavalent Chro	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), Disobutyl phthalate (DIBP).									
Please indicate whether any homogeneous material (as defined by the RoHS Directive, EU 2011/65/EU and implemented by the laws of the European Union member states) of the part identified on this form contains lead, mercury, cadmium, hexavalentchromium, polybrominated biphenyls and/or polybrominated diphenyl ethers (each a "RoHS restricted substance") in excess of the applicable quantity limit identified above. If a homogeneous material within the part contains a RoHS restricted substance inexcess of an applicable quantity limit, please indicate below which, if any, RoHS exemption you believe may apply. If the part is an assembly with lower level components, the declaration shall encompass all such components. Supplier certifies that it gathered the information it provides in this form using appropriate methods to ensure its accuracy and that such information is true and correct to the best of its knowledges that Company will rely on this certification in determining the compliance of its products with European Union member state laws that implement the RoHS Directive. Company acknowledges that Supplier may have relied on informationprovided by others in completing this form, and that Supplier may not have independently verified information. However, in situations where Supplier has not ndependently verified information provided by others, Supplier agrees that, at a minimum, itsuppliers have provided certifications regarding their contributions to the part, and those certifications are at least as comprehensive as the certification in this paragraph. If the Company and the Supplier rise is and/or remedies provided as part of hat agreement, will be the sole and exclusivesource of the Supplier's liability and the Company's remedies for issues that arise regarding information the Supplier provides in this form. In the absence of such written agreement, the warranty rights and/or remedies of Supplier's Standard Terms andConditions of Sale applicable to such part shall apply.											
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.

Homogeneous Material	Weight	Unit of Measure	Level	Substance	CAS	Exempt	Weight	Unit of Measure
Die	13.9	mg	Supplier	Silicon (Si)	7440-21-3		13.9	mg
Die Attach	7.37	mg	Supplier	Silver (Ag)	7440-22-4		0.1474	mg
			А	Lead (Pb)	7439-92-1	7a	6.4856	mg
			Supplier	Tin (Sn)	7440-31-5		0.737	mg
Lead Frame	1153.73	mg	Supplier	Silver (Ag)	7440-22-4		2.24	mg
			Supplier	Iron (Fe)	7439-89-6		1.15	mg
			Supplier	Copper (Cu)	7440-50-8		1149.9954	mg
			Supplier	Phosphorus (P)	7723-14-0		0.3446	mg
Mold Compound-Black	880.0	mg		Proprietary	proprietary data		44	mg
			В	Antimony Trioxide (Sb2O3)	1309-64-4		8.8	mg
			Supplier	Carbon Black (C)	1333-86-4		4.4	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		136.4	mg
			Supplier	Ortho-Cresol Novolac Resin	29690-82-2		52.8	mg
			Supplier	Phenolic Resin (Novolac)	9003-35-4		52.8	mg
			Supplier	Silica Crystalline (SiO2)	14808-60-7		580.8	mg
Plating	26.4	mg	Supplier	Tin (Sn)	7440-31-5		26.4	mg
Wire Bond - Al	3.0	mg	Supplier	Aluminum (Al)	7429-90-5		3	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 sigma range of distribution unless otherwise noted).