IPC ASSOCIATION ELECTRONICS	Material Com © Copyright 2005. international and P	Material Composition Declaration © Copyright 2005. IPC, Bannockburn, Illinois. All rights resonant international and Pan-American copyright conventions.			nder both	This document is a declaration of the substances within the manufactulevel parts, the declaration encompasses all lower level materials for vision to the substances within the manufacture parts.				acturer listed or which the	d item. Note: if manufacturer	the item is an as has engineering	ssembly with low responsibility.	
752-21.1		IPC Web Site for Information on IPC-1752 Standard Form Type http://www.ipc.org/IPC-175x Distribute				e * Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materi				aterials and	ials and Mfg Information			
upplier	- Information													
Company name* Company unique ID					τ	Unique ID Authority				Response Date*				
nsemi											2022-02-10			
ontact Na	ame	Title - Conta	Title - Contact			Phone - Contact*				Email - Contact*				
Product-E	Env-Stewards		Product Env	Product Enviro Compliance			NA				Product-Env-Stewards@onsemi.com			
Authorized Representative*				Title - Representative			Phone - Representative*			Email	Email - Representative*			
Product-Env-Stewards Prod				Product Enviro Compliance			NA			Prod	Product-Env-Stewards@onsemi.com			
	Requester Item Number	Mfr Item Number		Mfr Item Name			Effective Date	Version	Manufacturing Sit	e	Weight*	UOM	Unit Type	
	FQPF2N80YDTU QF 800V 6.3		QF 800V 6.3ohm	3ohm TO220F		2022-02-10		СРА	СРА		mg	Each		
	cturing Process Inform		r ' 1p	A11	GTD 020 MG	W D	D 1 D	D 1 T) 1 T		CD C	,	
	ů ,		•		-STD-020 MS	SL Rating		Process Body Temperature Max Time at Per					cles	
	Matte Tin (Sn) - annealed		CU Alloy	I	NA		0	ĮC	30	sec	onds 3			
omments														
	information regarding materia													

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).										
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 Supplier completes this form. Supplier acknowledges 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 information provided by others in completing this form, and that Supplier may not have independently verified such information. However, in situations where Supplier has not independently verified information provided by others, Supplier agrees that, at a minimum, its paragraph. If the Company and the Supplier enter into a written agreement with respect to the identified part, the terms and conditions of that agreement, including any warranty rights and/or remedies provided as part of that agreement, will be the sole and exclusivesource of the Supplier's Itability 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 substance	s per the definition above except for selected exemp	tions 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 f Requester) and click on Submit Form to ha		Accepted" on the Supplier Acceptance drop-dow	n. This will display the signature area. Digita	lly sign the declaration (if required by the						
Supplier Digital Signature Ra	astislav Drska	-En								

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.

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).

Homogeneous Material	Weight	Unit of Measure	Level	Substance	CAS	Exempt	Weight	Unit of Measure
Die	13.5	mg	Supplier	Silicon (Si)	7440-21-3		13.5	mg
Die Attach	4.01	mg	Supplier	Silver (Ag)	7440-22-4		0.0602	mg
			A	Lead (Pb)	7439-92-1	7a	3.7494	mg
			Supplier	Tin (Sn)	7440-31-5		0.2005	mg
Lead Frame	1294.26	mg	Supplier	Tin (Sn)	7440-31-5		1.2943	mg
			Supplier	Copper (Cu)	7440-50-8		1292.9657	mg
Mold Compound-Black	784.93	mg	Supplier	Polymer(phenyl glycidil ether)-co- dicyclopentadiene	119345-05-0		7.8493	mg
			Supplier	Brominated Epoxy Resin-2	68541-56-0		7.8493	mg
			Supplier	Proprietary	Proprietary Data		39.2465	mg
			В	Antimony Trioxide (Sb2O3)	1309-64-4		7.8493	mg
			Supplier	Carbon Black (C)	1333-86-4		3.9246	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		121.6641	mg
			Supplier	Ortho Cresol Novolac Resin	29690-82-2		39.2465	mg
			Supplier	Phenolic Resin (Novolac)	9003-35-4		39.2465	mg
			Supplier	Silica Crystalline (SiO2)	14808-60-7		518.0538	mg
Plating	13.2	mg	Supplier	Tin (Sn)	7440-31-5		13.2	mg
Wire Bond - Al	2.44	mg	Supplier	Aluminum (Al)	7429-90-5		2.44	mg