IPC ASSOCIATION ELECTRONIC	Material Compo © Copyright 2005. IP © Copyright 2005. IP international and Pan-	C, Bannockb	urn, Illinois. A	all rights reserved untions.	nder both	This docume level parts, the	ent is a declara he declaration	ation of the encompas	e substances sses all lowe	within the	manufactur terials for w	er listed it hich the m	em. Note:	if the item is an as or has engineering	sembly with lowe responsibility.
1752-21.1	IPC Web Site for Information on IPC-1752 Standard Form Type http://www.ipc.org/IPC-175x Distribute				* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Mater					ials and Mfg Information					
Supplier	r Information														
Company name* Company u				ny unique ID			Unique ID Authority					Response Date*			
onsemi												2024-05-15			
Contact Name			Title - Contact]	Phone - Contact*				Email - Contact*				
Product-I	Env-Stewards		Product Enviro Compliance				NA				Product-Env-Stewards@onsemi.com				
Authorize	d Representative*	Title - Representative]	Phone - Representative*				Email - Representative*					
Product-I	Env-Stewards		Product Enviro Compliance				NA				Product-Env-Stewards@onsemi.com				
	Requester Item Number Mfr Item		Number Mfr Item Name				Effective Dat	fective Date Version Manufacturing		ring Site	Weight*		UOM	Unit Type	
		MURF860G 8A 600V		8A 600V UFR TC	00V UFR TO-220FP		2024-05-15		1	KR8		2	009.84	mg	Each
Manufa	cturing Proccess Informati	ion										,			
	Terminal Plating / Grid Array Material T		Cerminal Base Alloy J-STD-02		-STD-020 MSI	L Rating	Peak Process Body Temperat		y Temperatu	ture Max Time at Peak Tempe		Temperatu	ire Num	ber of Reflow Cyc	eles
Matte Tin (Sn) - annealed		CU Alloy NA		NA .		0 C		30 seco		second	ls 3				
Comments															
or more	information regarding material c	composition	please refer to	page 3											

RoHS Material Composition Declaration			Declaration Type *	Detailed								
Directive 2015/863/EU amending RoHS Directive 2011/65/EU												
cadmium, hexavalentchromium, polybrominal contains a RoHS restricted substance inexcess encompass all such components. Supplier certi as of the date that Supplier completes this for Company acknowledges that Supplier may ha independently verified information provided by certification in this paragraph. If the Company	ted biphenyls and/or polybrominated diphenyls of an applicable quantity limit, please indication in the graph of an applicable quantity limit, please indications. Supplier acknowledges that Company will we relied on information provided by others in a minimum and the Supplier agrees that, at a minimum and the Supplier enter into a written agreem source of the Supplier's liability and the Company of the Supplier's liability and the Supplier's liability and the Supplier's liability and the Company of the Supplier's liability and the Supplier's liabi	J 2011/65/EU and implemented by the laws of the Eyl ethers (each a "RoHS restricted substance") in exate below which, if any, RoHS exemption you belie les in this form using appropriate methods to ensure rely on this certification in determining the complian completing this form, and that Supplier may not ha, its suppliers have provided certifications regarding tent with respect to the identified part, the terms and impany's remedies for issues that arise regarding info cable to such part shall apply.	cess of the applicable quantity limit identified ab we may apply. If the part is an assembly with low its accuracy and that such information is true an- unce of its products with European Union member ave independently verified such information. Ho their contributions to the part, and those certifications conditions of that agreement, including any warr	ove. If a homogeneous material within the part ver 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 substance	es per the definition above except for selected exemp	otions 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	-6_										

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	3.55	mg	Supplier	Silicon (Si)	7440-21-3		3.55	mg
Die Attach	82.98	mg	Supplier	Silver (Ag)	7440-22-4		1.2447	mg
			A	Lead (Pb)	7439-92-1	7a	77.5863	mg
			Supplier	Tin (Sn)	7440-31-5		4.149	mg
Lead Frame	1236.66	mg	Supplier	Copper (Cu)	7440-50-8		1236.66	mg
Mold Compound-Black	679.88			Epoxy resin	proprietary data		47.5916	mg
			Supplier	Phenolic Resin	Proprietary Data		47.5916	mg
			Supplier	Silica Amorphous (SiO2)	7631-86-9		101.982	mg
			Supplier	Carbon Black (C)	1333-86-4		3.3994	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		479.3154	mg
Plating	6.36	mg	Supplier	Tin (Sn)	7440-31-5		6.36	mg
Wire Bond - Al	0.41	mg	Supplier	Aluminum (Al)	7429-90-5		0.41	mg