IPC ASSOCIATION CONNECTING ELECTRONICS INDUSTRIE	Material Compos © Copyright 2005. IPC international and Pan-	Material Composition Declaration © Copyright 2005. IPC, Bannockburn, Illinois. All rights reserved under both international and Pan-American copyright conventions.			This document is a declaration of the substances within the manufacturer listed item. Note: if the item is an assembly with lowe level parts, the declaration encompasses all lower level materials for which the manufacturer has engineering responsibility.									
752-21.1	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 Materi				ials and M	ials and Mfg Information				
upplier Inforn	nation						·							
Company name*			Company unique ID			ī	Unique ID Authority				Response Date*			
nsemi										2022-02-11				
Contact Name		Title - Contact]	Phone - Contact*				Email - Contact*				
Product-Env-Stewa	ards		Product Enviro Compliance				NA				Product-Env-Stewards@onsemi.com			
Authorized Representative*			Title - Representative			1	Phone - Representative*				Email - Representative*			
Product-Env-Stewards			Product Enviro Compliance				NA				Product-Env-Stewards@onsemi.com			
Request	Requester Item Number Mfr It		Item Number Mfr Item Name				Effective Dat	e Versi	on :	Manufacturing Site		Weight*	UOM	Unit Type
		NTMFS4	NTMFS4C10NT1G NFET SO8FL 30		V 46A 6.96m0	O	2022-02-11		:	MYE		107.2	mg	Each
Ianufacturing	Process Informati	on						•						
Terminal Plating / Grid Array Material			Terminal Base Alloy J-STD-020 MSI		SL Rating	Peak Process Body Temperature		re Max Time at Peak	Temperat	ure Numb	er of Reflow Cyc	eles		
Matte Tin (Sn) - annealed			CU Alloy 1				260 C 30		seconds 3					
omments														
vel 1 - maximum	ime at peak temperatur	e during sol	dering is 10-3	30 seconds										
or more informati	on regarding material co	omposition	please refer t	page 3										

RoHS Material Composition Declaration			Declaration Type *	Detailed						
Directive 2015/863/EU amending RoHS Directive 2011/65/EU										
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 cornel 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 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 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 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 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 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
Clip	4.8	mg	Supplier	Zinc (Zn)	7440-66-6		0.0058	mg
			Supplier	Iron (Fe)	7439-89-6		0.1128	mg
			Supplier	Copper (Cu)	7440-50-8		4.68	mg
			Supplier	Phosphorus (P)	7723-14-0		0.0014	mg
Die	0.73	mg	Supplier	Silicon (Si)	7440-21-3		0.73	mg
Die Attach Solder	2.41	mg	Supplier	Silver (Ag)	7440-22-4		0.0603	mg
			A	Lead (Pb)	7439-92-1	7a	2.2293	mg
			Supplier	Tin (Sn)	7440-31-5		0.1205	mg
Lead Frame	53.97	mg	Supplier	Zinc (Zn)	7440-66-6		0.0648	mg
			Supplier	Iron (Fe)	7439-89-6		1.2683	mg
			Supplier	Copper (Cu)	7440-50-8		52.6208	mg
			Supplier	Phosphorus (P)	7723-14-0		0.0162	mg
Mold Compound-Black	43.54	mg		Epoxy resin	proprietary data		3.2655	mg
			Supplier	Phenolic Resin	Proprietary Data		1.0885	mg
			Supplier	Silica Amorphous (SiO2)	7631-86-9		3.2655	mg
			Supplier	Carbon Black (C)	1333-86-4		0.2177	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		35.7028	mg
Plating	1.7	mg	Supplier	Tin (Sn)	7440-31-5		1.7	mg
Wire Bond - Cu	0.05	mg	Supplier	Copper (Cu)	7440-50-8		0.05	mg