ASSOCIATION CONNECTING ELECTRONICS INDUSTRIES® International and F	IPC, Bannockl	burn, Illinois. A	ll rights reserved utions.	under both	This docume level parts, t	ent is a declar he declaration	ation of the encompass	substances es all lowe	within the m er level mater	anufacture ials for wh	er listed iten hich the man	. Note: if ufacturer	the item is an as has engineering	sembly with low responsibility.
	IPC Web Site for Information on IPC-1752 Standard Form http://www.ipc.org/IPC-175x Distribution				* Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Material					uls and Mfg Information				
Supplier Information														
Company name* Co			Company unique ID			Unique ID Authority					Response Date*			
nsemi											2024-05-17			
ntact Name Title - Contact			ict			Phone - Contact*				Email - Contact*				
roduct-Env-Stewards Product Env			et Enviro Compliance			NA				Product-Env-Stewards@onsemi.com				
uthorized Representative* Title - Repres			esentative			Phone - Representative*				Email - Representative*				
Product-Env-Stewards Product En			luct Enviro Compliance			NA				Product-Env-Stewards@onsemi.com				
Requester Item Number	n Number Mfr Item Nur		Number Mfr Item Name			Effective Da	te Versio	1	Manufacturing Site		We	ight*	UOM	Unit Type
	NTMFS	NTMFS5C450NLT1G NFET		NFET SO8FL 40V 110A 2.8MOH		2024-05-17			MY1		107	.2528	mg	Each
Aanufacturing Proccess Inform	ation												-	
Terminal Plating / Grid Array I	erminal Plating / Grid Array Material Terminal Base A		Alloy	J-STD-020 MSL Rating		Peak Process Body Temperature		re Max Tim	ime at Peak Temperatu		Numbe	er of Reflow Cyc	eles	
Matte Tin (Sn) - annealed CU Alloy				1		260		С	30		seconds	3		
omments														
vel 1 - maximum time at peak tempera	ture during so	ldering is 10-3	0 seconds											
or more information regarding materia	al composition	please refer to	page 3											

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).										
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 ifies 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 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
Clip	13.512	mg	Supplier	Zinc (Zn)	7440-66-6		0.0162	mg
			Supplier	Iron (Fe)	7439-89-6		0.3175	mg
			Supplier	Copper (Cu)	7440-50-8		13.1742	mg
			Supplier	Phosphorus (P)	7723-14-0		0.0041	mg
Die	0.727	mg	Supplier	Silicon (Si)	7440-21-3		0.727	mg
Die Attach Solder	1.4993	mg	Supplier	Silver (Ag)	7440-22-4		0.0375	mg
			А	Lead (Pb)	7439-92-1	7a	1.3869	mg
			Supplier	Tin (Sn)	7440-31-5		0.075	mg
Lead Frame	42.5398	mg	Supplier	Silver (Ag)	7440-22-4		0.0255	mg
			Supplier	Iron (Fe)	7439-89-6		0.0425	mg
			Supplier	Copper (Cu)	7440-50-8		42.459	mg
			Supplier	Phosphorus (P)	7723-14-0		0.0128	mg
Mold Compound-Black	48.7198	mg		Epoxy resin	proprietary data		3.654	mg
			Supplier	Phenolic Resin	Proprietary Data		1.218	mg
			Supplier	Silica Amorphous (SiO2)	7631-86-9		3.654	mg
			Supplier	Carbon Black (C)	1333-86-4		0.2436	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		39.9502	mg
Plating	0.2183	mg	Supplier	Tin (Sn)	7440-31-5		0.2183	mg
Wire Bond - Cu	0.0366	mg	Supplier	Copper (Cu)	7440-50-8		0.0366	mg