IPC ASSOCIATION COI	© Copyright 2005.	Material Composition Declaration © Copyright 2005. IPC, Bannockburn, Illinois. All rights reserved under be international and Pan-American copyright conventions.		der both	This document is a declaration of the substances within the manufacturer listed item. Note: if the item is an assembly with low 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 Typ http://www.ipc.org/IPC-175x Distribute				* Declaration Class * Class 6 - RoHS Yes/No. Homogeneous Materi				ials and Mfg Information				
upplier In	nformation													
Company nar	me*	Company unique ID			J	Unique ID Authority				Response Date*				
nsemi										2024-05-18				
Contact Name	e	Title - Contact			I	Phone - Contact*				Email - Contact*				
Product-Env	-Stewards		Product Enviro Compliance			1	NA				Product-Env-Stewards@onsemi.com			
uthorized R	depresentative*	Title - Representative			F	Phone - Representative*				Email - Representative*				
Product-Env	-Stewards	Product Enviro Compliance]	NA				Product-Env-Stewards@onsemi.com				
Re	equester Item Number	Mfr Item	Number	Mfr Item Name			Effective Date	Version	M	Manufacturing Site		eight*	UOM	Unit Type
		NTTFS1D2N02P1E FET 25V 1.2 r		FET 25V 1.2 mOhr	ım PC33 single 2		2024-05-18	5-18 PBB		ВВ	70.635765		mg	Each
Ianufactu	uring Proccess Informa	ation							·					
Terminal Plating / Grid Array Material Terminal Base Alloy			Alloy J-S	STD-020 MSL	D-020 MSL Rating Peak Process Body Temperature Max Time at Pea				Max Time at Peak	Temperatu	re Numbe	er of Reflow Cyc	eles	
Ma	atte Tin (Sn) - annealed	(CU Alloy	1			260	(C	30	second	s 3		
omments														
vel 1 - maxii	mum time at peak temperat	ture during sol	dering is 10-3	30 seconds										
or more info	ormation regarding materia	l composition	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 correct to the best of its knowledges and belief, as of the date 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 suppliers 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 has not of that 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 and Conditions of Sale applicable to suc											
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 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	-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
Clip	8.097	mg	Supplier	Zinc (Zn)	7440-66-6		0.0097	mg
			Supplier	Iron (Fe)	7439-89-6		0.1903	mg
			Supplier	Copper (Cu)	7440-50-8		7.8946	mg
			Supplier	Phosphorus (P)	7723-14-0		0.0024	mg
Die	0.99	mg	Supplier	Silicon (Si)	7440-21-3		0.99	mg
Die Attach Solder	1.989	mg	Supplier	Silver (Ag)	7440-22-4		0.0497	mg
			A	Lead (Pb)	7439-92-1	7a	1.8398	mg
			Supplier	Tin (Sn)	7440-31-5		0.0994	mg
Lead Frame	20.0	mg	В	Nickel (Ni)	7440-02-0		8.398	mg
			Supplier	Iron (Fe)	7439-89-6		11.602	mg
Lead Frame plating	0.211	mg	Supplier	Silver (Ag)	7440-22-4		0.211	mg
Mold Compound-Black	14.236	mg		Proprietary	proprietary data		1.1389	mg
			Supplier	Carbon Black (C)	1333-86-4		0.0712	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		13.0259	mg
Plating	25.1	mg	Supplier	Tin (Sn)	7440-31-5		25.1	mg
Wire Bond	0.012765	mg	Supplier	Palladium (Pd)	7440-05-3		0.0003	mg
			Supplier	Gold (Au)	7440-57-5		0	mg
			Supplier	Copper (Cu)	7440-50-8		0.0124	mg