ASSOCIATION CONNECTING	Material Composite © Copyright 2005. IPC, international and Pan-Ar	Bannockb	urn, Illinois. A	ll rights reserved nations.	under both	This docum level parts, t	ent is a declarat	ion of the su encompasse	ubstances v s all lower	within the manufac level materials for	turer listed which the	item. Note: manufacture	if the item is an as er has engineering	ssembly with low responsibility.	
752-21.1					Form Type Distribute	e *	Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Mater					als and Mfg Information			
upplier Informa	ation														
Company name*			Company unique ID				Unique ID Authority				Respo	Response Date*			
onsemi											2024-0	2024-04-23			
Contact Name			Title - Contact				Phone - Contact*				Email	Email - Contact*			
Product-Env-Stewards			Product Enviro Compliance				NA				Produ	Product-Env-Stewards@onsemi.com			
Authorized Representative*			Title - Representative				Phone - Representative*				Email	Email - Representative*			
Product-Env-Stewards			Product Enviro Compliance				NA				Produ	Product-Env-Stewards@onsemi.com			
Requester	Requester Item Number Mfr Iten		n Number Mfr Item Name				Effective Date Version Manufacturing S		Ianufacturing Site		Weight*	UOM	Unit Type		
		MMBF170-G FE		FET 60V 5.0 mOhm SOT23			2024-04-23 Pl		РВВ		8.706	mg	Each		
Ianufacturing P	Proccess Information	n													
Terminal Plating / Grid Array Material Ter		erminal Base Alloy J-STD-020 MSI		L Rating	Peak Process Body Temperatu		emperature	ure Max Time at Peak Temper		ature Num	ber of Reflow Cy	cles			
Matte Tin (Sn) - annealed CU			J Alloy 1			260 C 30		30	seconds 3						
omments															
zel 1 - maximum tir	me at peak temperature o	luring sol	dering is 10-3	0 seconds											
or more information	n regarding material con	position	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, polybrominate contains a RoHS restricted substance inexcess encompass all such components. Supplier certif as of the date that Supplier completes this form Company acknowledges that Supplier may hav independently verified information provided by certification in this paragraph. If the Company a	ed biphenyls and/or polybrominated dip of an applicable quantity limit, please ir ies that it gathered the information it pro- .Supplier acknowledges that Company e relied on informationprovided by othe y others, Supplier agrees that, at a minin and the Supplier enter into a written agre pource of the Supplier's liability and the	henyl ethers (each a " ndicate below which, i ovides in this form us will rely on this certifiers in completing this num, itssuppliers have eement with respect to Company's remedies	RoHS restricted substance") in exce if any, RoHS exemption you believe ing appropriate methods to ensure if ication in determining the complian form, and that Supplier may not have e provided certifications regarding the to the identified part, the terms and cc for issues that arise regarding inform	ce of its products with European Union membe	ove. If a homogeneous material within the part er level components, the declaration shall l correct to the best of its knowledge and belief, r state laws that implement the RoHS Directive. wever, in situations where Supplier has not tions are at least as comprehensive as the anty rights and/or remedies provided as part of						
RoHS Declaration * 1 - Item(s)	does not contain RoHS restricted substa	ances per the definitio	on above	Supplier Acceptance	* Accepted						
Exemption: If the declared item does not con applicable exemptions.	ntain RoHS restricted substances per	the definition above	except for defined RoHS exempti	ons, then select the corresponding response i	n the RoHS Declaration above and choose all						
Exemption List Version	EL-2011/534/EU										
Declaration Signature											
Instructions: Complete all of the required fin Requester) and click on Submit Form to have	elds on all pages of this form. Select the form returned to the Requester	he "Accepted" on th	e Supplier Acceptance drop-down	. This will display the signature area. Digital	lly sign the declaration (if required by the						
Supplier Digital Signature Ra	stislav 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.

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

Homogeneous Material	Weight	Unit of Measure	Level	Substance	CAS	Exempt	Weight	Unit of Measure
Die	0.048	mg	Supplier	Silicon (Si)	7440-21-3		0.048	mg
Lead Frame	2.577	mg	Supplier	Silver (Ag)	7440-22-4		0.0088	mg
			Supplier	Manganese (Mn)	7439-96-5		0.0206	mg
			Supplier	Silicon (Si)	7440-21-3		0.0077	mg
			В	Nickel (Ni)	7440-02-0		1.0813	mg
			Supplier	Iron (Fe)	7439-89-6		1.4586	mg
Mold Compound-Black	6.061	mg	Supplier	Ortho Cresol Novolac Resin	29690-82-2		1.21	mg
			Supplier	Carbon Black (C)	1333-86-4		0.061	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		4.79	mg
Wire Bond - Au	0.02	mg	Supplier	Gold (Au)	7440-57-5		0.02	mg