ASSOCIATION CONNECT	Material Composit © Copyright 2005. IPC, international and Pan-Ar	Bannockb	urn, Illinois. A	ll rights reserved untions.	under both	This docume level parts, t	ent is a declaration	ion of the s encompasse	ubstances es all lower	within the manufactu r level materials for w	rer listed i hich the r	tem. Note: it nanufacturer	f the item is an as has engineering	ssembly with lower responsibility.	
1752-21.1					Form Type Distribute	 Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Mater 				ials and Mfg Information					
Supplier Inform	mation														
Company name* C			Company unique ID			Unique ID Authority				Response Date*					
onsemi											2023-06	2023-06-08			
Contact Name			Title - Contact				Phone - Contact*				Email -	Email - Contact*			
Product-Env-Stewards			Product Enviro Compliance				NA				Product-Env-Stewards@onsemi.com				
Authorized Repres	sentative*	Title - Representative				Phone - Representative*				Email - Representative*					
Product-Env-Stew	vards	Product Enviro Compliance				NA				Product-Env-Stewards@onsemi.com					
Reques	Requester Item Number Mfr Item		n Number Mfr Item Name				Effective Date	e Version Manufacturing Site			Weight*	UOM	Unit Type		
		FSB7045	SB70450 SPM7 IN		17 INV 500V 2.20hm		2023-06-08		F	PBB		620.05	mg	Each	
Manufacturing	g Proccess Information	n									1				
Terminal Plating / Grid Array Material Terr			erminal Base A	ninal Base Alloy J-STD-020 MSI		L Rating	Peak Proc	Peak Process Body Temperatur		e Max Time at Peak	Tempera	ure Numb	er of Reflow Cy	cles	
Matte Tin (Sn) - annealed CU			U Alloy	Alloy 3			260 C		30	secor	ids 3				
Comments															
ATTENTION: MS	SL 3 Rated item requires Ba	ake and D	ry Pack (after	electrical test)											
For more informat	tion regarding material con	position 1	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).										
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, admium, 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 ontains 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 ncompass 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 knowledge and belief, so 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 informationprovided by others in completing this form, and that Supplier may not have independently verified such information. However, in situations where Supplier has not ndependently verified information provided by others, Supplier agrees that, at a minimum, itsuppliers have provided certifications regarding their contributions to the part, and those certifications are at least as comprehensive as the ertification in the sole and exclusivesource of the Supplier into a written agreement with respect to the identified part, the terms and conditions of that agreement, including any warranty rights and/or remedies provided as part of hat agreement, will be the sole and exclusivesource of such written agreement, the varranty rights and/or remedies of Supplier's Standard Terms andConditions of Sale applicable to such pa											
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
Die	21.2	mg	Supplier	Silicon (Si)	7440-21-3		21.2	mg
Die Attach Solder	10.9	mg	Supplier	Silver (Ag)	7440-22-4		0.2725	mg
			А	Lead (Pb)	7439-92-1	7a	10.0825	mg
			Supplier	Tin (Sn)	7440-31-5		0.545	mg
Lead Frame	209.0	mg	Supplier	Silver (Ag)	7440-22-4		1.672	mg
			Supplier	Zinc (Zn)	7440-66-6		0.2717	mg
			Supplier	Iron (Fe)	7439-89-6		5.016	mg
			Supplier	Copper (Cu)	7440-50-8		202.0403	mg
Mold Compound-Black	368.65	mg	Supplier	Ortho Cresol Novolac Resin	29690-82-2		18.25	mg
			Supplier	Carbon Black (C)	1333-86-4		3.65	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		335.8	mg
			Supplier	Phenolic Resin (Novolac)	9003-35-4		10.95	mg
Plating	8.58	mg	Supplier	Tin (Sn)	7440-31-5		8.58	mg
Wire Bond - Cu	1.72	mg	Supplier	Palladium (Pd)	7440-05-3		0.0344	mg
			Supplier	Copper (Cu)	7440-50-8		1.6856	mg

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 signa range of distribution unless otherwise noted).