ASSOCIATION CONNECTING	© Copyright 2005. IPC, international and Pan-Ar	Bannockb	urn, Illinois. A	ll rights reserved untions.	under both	This docum level parts, t	ent is a declara the declaration	tion of the s encompasse	ubstances es all lower	within the manufactu r level materials for w	rer listed i hich the r	tem. Note: if nanufacturer	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 Materi				als and Mfg Information				
Supplier Inform	ation													
Company name*			Company unique ID				Unique ID Authority				Response Date*			
onsemi											2024-05-21			
Contact Name			Title - Contact				Phone - Contact*				Email - Contact*			
Product-Env-Stewards			Product Enviro Compliance				NA				Product-Env-Stewards@onsemi.com			
Authorized Representative*			Title - Representative				Phone - Representative*			Email - Representative*				
Product-Env-Stewar	rds	Product Enviro Compliance				NA				Product-Env-Stewards@onsemi.com				
Requester	Requester Item Number Mfr Iten		n Number Mfr Item Name				Effective Dat	ate Version Manufacturing Site			Weight*	UOM	Unit Type	
		US1KFA		HER SOD123FA GPPN 1A 800V		V	2024-05-21 TSCBE		SCBE		18.79156	mg	Each	
Manufacturing I	Proccess Information	1												
Terminal Plating / Grid Array Material Ter			erminal Base A	rminal Base Alloy J-STD-020 MSI		L Rating	Peak Process Body Temperature		re Max Time at Peak Tempera		nperature Number of Reflow Cycles		cles	
Matte Tin (Sn) - annealed CU Alloy			CU Alloy		1		260		C	30	secor	ids 3		
Comments														
evel 1 - maximum ti	me at peak temperature o	luring sol	dering is 10-3	0 seconds										
or more informatio	n regarding material con	position	please refer to	page 3										

RoHS Material Composition Declar	ation			Declaration Type *	Detailed
Directive 2015/863/EU amending Rol Directive 2011/65/EU	(Pb), Mercury (Hg), Hexav		ninated Biphenyls (PBB), Polybror	dmium and quantity limit of 0.1% by mass (100 ninated Diphenyl Ethers (PBDE), and Bis(2-eth	
cadmium, hexavalentchromium, polyb contains a RoHS restricted substance i encompass all such components.Suppl as of the date that Supplier completes Company acknowledges that Supplier independently verified information pro- certification in this paragraph.If the Co	rominated biphenyls and/or polybror nexcess of an applicable quantity lim ier certifies that it gathered the inforr this form.Supplier acknowledges that may have relied on informationprovi ovided by others, Supplier agrees that ompany and the Supplier enter into a clusivesource of the Supplier's liabili	ninated diphenyl ethers (each a "R it, please indicate below which, if nation it provides in this form usin Company will rely on this certifud ded by others in completing this f , at a minimum, itssuppliers have written agreement with respect to ty and the Company's remedies for	toHS restricted substance") in exce any, RoHS exemption you believe ag appropriate methods to ensure it cation in determining the complian orm, and that Supplier may not hav provided certifications regarding th the identified part, the terms and co or issues that arise regarding inform	ropean Union member states) of the part identifies so of the applicable quantity limit identified about may apply. If the part is an assembly with lows a accuracy and that such information is true and ce of its products with European Union member re independently verified such information. How heir contributions to the part, and those certifica motions of that agreement, including any warra nation the Supplier provides in this form. In the	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 inty rights and/or remedies provided as part of
RoHS Declaration * 4	- Item(s) does not contain RoHS restr	icted substances per the definition	above except for selected exempti	ons Supplier Acceptance	* Accepted
Exemption: 7a: Lead in high meltin Exemption: 7c-I Electrical and elect	g temperature type solders (i.e. lead ronic components containing lead i	l based solder alloys containing n a glass or ceramic other than	85% by weight or more lead). dielectric ceramic in capacitors, o	e.g. piezoelectronic devices, or in a glass or ce	eramic matrix compound.
Exemption List Version	EL-2011/534/EU				
Declaration Signature					
Instructions: Complete all of the rec Requester) and click on Submit For			Supplier Acceptance drop-down	. This will display the signature area. Digital	ly sign the declaration (if required by the
Supplier Digital Signature	Rastislav 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	0.72998	mg	Supplier	Silicon (Si)	7440-21-3		0.657	mg
			В	Nickel (Ni)	7440-02-0		0.0047	mg
			Supplier	Gold (Au)	7440-57-5		0.0011	mg
			Supplier	Lead Bisilicate	65997-18-4	7c	0.0672	mg
Die Attach Solder	4.11996	mg	Supplier	Silver (Ag)	7440-22-4		0.103	mg
			А	Lead (Pb)	7439-92-1	7a	3.811	mg
			Supplier	Tin (Sn)	7440-31-5		0.206	mg
Lead Frame	6.79991	mg	Supplier	Iron (Fe)	7439-89-6		0.0068	mg
			Supplier	Copper (Cu)	7440-50-8		6.7911	mg
			Supplier	Phosphorus (P)	7723-14-0		0.002	mg
Iold Compound-Black	6.94164	mg		Metal Hydroxide	proprietary data		0.3471	mg
			Supplier	Carbon Black (C)	1333-86-4		0.0694	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		5.2062	mg
			Supplier	Ortho-Cresol Novolac Resin	29690-82-2		0.6942	mg
			Supplier	Phenolic Resin (Novolac)	9003-35-4		0.6247	mg
Plating	0.20007	mg	Supplier	Tin (Sn)	7440-31-5		0.2001	mg