ACCOCIATION CONNECTING	© Co	terial Compo pyright 2005. IPC, Bannoo nternational and Pan-Ameri	kburn, Illinois	. All rights reserv	ition with lowe	er level	parts, the	declaratio	n enco	mpasses all		als for which	the item is an assembly the manufacturer has declaration.			
							Form Type * Distribute			Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materials and Mfg Informa						
Supplier Information																
Company Name *		Company Unique ID		Unique ID A	uthority	Response Date *				Response Document ID						
AVX CORPORATION	05-889-5921		Dun & Brads	2008-04-05												
Contact Name * Titl		Title - Contact		Phone - Co	Emai	Email - Contact *			D1	:	A 4	D				
Dennis Oldland c		corporate env. mgr		1843946024	doldl	doldland@avxus.com				icate Contact ->	Authorizea	Representative				
Authorized Representative * Title - Representative		Title - Representative	Э	oresentative *	Email - Representa		entative	*	Supplier Comments or URL for Additional Information							
Dennis Oldland		corporate env. mgr		1843946024	1	doldl	and@avx	us.com								
Requester Item Number		Mfr Item Number	Mfr Item Name	e	Effecti	ve Date	Version Manuf		acturing Site	Weight	UOM	Unit Type				
						2008-	04-05		Lansk	roun, CZ	531.4	mg	Each			
Alternate Recommendation TAJE or TPSE with copper term				2003-01-01 Altern		Alternate	ate Item Comments Family data sheets encompass request									
Manufacturing Proces	s In	formation														
Terminal Plating / Grid Array	Materi	al	Terminal B	ase Alloy	J-STD-020 MSL F	Rating	Peak Pro	cess Body	Tempe	rature Max	Time at Peak Tempe	erature Numb	er of Reflow Cycles			
Matte Tin (Sn) - with Nickel (Ni) barrier Not App			olicable 1			260 (10 seconds 3							
Comments		-	1		1		ļ					ļ.				

Save the fields in this form to a file Export Data Import fields from a file into this form Import Data	Clear all of the fields on this form	Reset Form	Lock the fields on this form to prevent changes	Lock Supplier Fields			
RoHS Material Composition Declaration			Declaration Type *	Detailed			
RoHS Directive 2002/95/EC RoHS Definition: Quantity limit of 0.1% by mass (1000 PPM) in homogeneral Polybrominated Diphenyl Ethers (PBDE) and quantity limit of 0.01% by mass (1000 PPM) in homogeneral Polybrominated Diphenyl Ethers (PBDE) and quantity limit of 0.01% by mass (1000 PPM) in homogeneral Polybrominated Diphenyl Ethers (PBDE) and quantity limit of 0.01% by mass (1000 PPM) in homogeneral Polybrominated Diphenyl Ethers (PBDE) and quantity limit of 0.1% by mass (1000 PPM) in homogeneral Polybrominated Diphenyl Ethers (PBDE) and quantity limit of 0.1% by mass (1000 PPM) in homogeneral Polybrominated Diphenyl Ethers (PBDE) and quantity limit of 0.01% by mass (1000 PPM) in homogeneral Polybrominated Diphenyl Ethers (PBDE) and quantity limit of 0.01% by mass (1000 PPM) in homogeneral Polybrominated Diphenyl Ethers (PBDE) and quantity limit of 0.01% by mass (1000 PPM) in homogeneral Polybrominated Diphenyl Ethers (PBDE) and quantity limit of 0.01% by mass (1000 PPM) in homogeneral Polybrominated Diphenyl Ethers (PBDE) and quantity limit of 0.01% by mass (1000 PPM) in homogeneral Polybrominated Diphenyl Ethers (PBDE) and quantity limit of 0.01% by mass (1000 PPM) in homogeneral Polybrominated Diphenyl Ethers (PBDE) and quantity limit of 0.01% by mass (1000 PPM) in homogeneral Polybrominated Diphenyl Ethers (PBDE) and quantity limit of 0.01% by mass (1000 PPM) in homogeneral Polybrominated Diphenyl Ethers (PBDE) and quantity limit of 0.01% by mass (1000 PPM) in homogeneral Polybrominated Diphenyl Ethers (PBDE) and quantity limit of 0.01% by mass (1000 PPM) in homogeneral Polybrominated Diphenyl Ethers (PBDE) and quantity limit of 0.01% by mass (1000 PPM) in homogeneral Polybrominated Diphenyl Ethers (PBDE) and quantity limit of 0.01% by mass (1000 PPM) in homogeneral Polybrominated Diphenyl Ethers (PBDE) and quantity limit of 0.01% by mass (1000 PPM) in homogeneral Polybrominated Diphenyl Ethers (PBDE) and quantity limit of 0.01% by mass (1000 PPM) in homogeneral Polybrominated Diphenyl Ethers (PBDE) and quanti				ated Biphenyls (PBB),			
Please indicate whether any homogeneous material (as defined by the RoHS Directive, EU 2002/95/EC and implemented by chromium, polybrominated biphenyls and/or polybrominated diphenyl ethers (each a "RoHS restricted substance") in excess of an applicable quantity limit, please indicate below which, if any, RoHS exemption you believe may apply. If the pa Supplier certifies that it gathered the information it provides in this form using appropriate methods to ensure its accuracy and Supplier acknowledges that Company will rely on this certification in determining the compliance of its products with Europear provided by others in completing this form, and that Supplier may not have independently verified such information. However suppliers have provided certifications regarding their contributions to the part, and those certifications are at least as compreh If the Company and the Supplier enter into a written agreement with respect to the identified part, the terms and conditions of to source of the Supplier's liability and the Company's remedies for issues that arise regarding information the Supplier provides Conditions of Sale applicable to such part shall apply.	of the applicable quantity limit rt is an assembly with lower I that such information is true a Union member state laws th in situations where Supplier ensive as the certification in that agreement, including any	identified above. If a homoger evel components, the declaration and correct to the best of its known at implement the RoHS Direction has not independently verified this paragraph.	neous material within the part contains a on shall encompass all such components owledge and belief, as of the date that S ve. Company acknowledges that Suppli information provided by others, Supplier es provided as part of that agreement, wi	RoHS restricted substance in s. upplier completes this form. er may have relied on information agrees that, at a minimum, its ill be the sole and exclusive			
RoHS Declaration * 1 - Item(s) does not contain RoHS restricted substances per the definition above			Supplier Acceptance Accept	ed			
Exemptions: If the declared item does not contain RoHS restricted substances per the definition ababove and checkboxes will appear below. Check all applicable exemptions.	ove except for defined	RoHS exemptions, then	select the corresponding respon	se in the RoHS Declaration			
Mercury in compact fluorescent lamps not exceeding 5 mg per lamp.	7c. Lead in electronic	ceramic parts (e.g. piezo	electronic devices).				
2a. Mercury in straight fluorescent lamps for general purposes not exceeding 10 mg in halophosphate lamps	8. Cadmium and its compounds in electrical contacts and cadmium plating except for applications banned under Directive 91/338/EEC amending Directive 76/769/EEC relating to restrictions on the marketing and use of certain dangerous substances and preparations piezoelectronic devices).						
2b. Mercury in straight fluorescent lamps for general purposes not exceeding 5 mg in triphosphate lamps with a normal lifetime	Hexavalent chromi refrigerators	um as an anti-corrosion o	f the carbon steel cooling system	in absorption			
2c. Mercury in straight fluorescent lamps for general purposes not exceeding 8 mg in triphosphate lamps with long lifetime	10a. Deca BDEin poly	meric applications					
3. Mercury in straight fluorescent lamps for special purposes.	10b. Lead in lead-bro	onze bearing shells					
4. Mercury in other lamps not specifically mentioned in this list.	11. Lead used in com	pliant pin connector syste	ems.				
5. Lead in glass of cathode ray tubes, electronic components and fluorescent tubes.	12. Lead as a coating	g material for a thermal co	onduction module c-ring.				
6a. Lead as an alloying element in steel containing up to 0.35% lead by weight.	13a. Lead in optical a	and filter glass.					
6b. Lead as an alloying element in aluminum containing up to 0.4% lead by weight.	13b. Cadmium in opti	cal and filter glass.					
6c. Lead as an alloying element in copper containing up to 4% lead by weight.			o elements for the connection bet nt of more than 80% and less than				
7a. Lead in high melting temperature type solders (i.e. lead based solder alloys containing 85% by weight or more lead).		o complete a viable electr uit Flip Chip packages.	ical connection between semicon	ductor die and carrier			
7b. Lead in solders for servers, storage and storage array systems, network infrastructure equipment for switching, signalling, transmission as well as network management for telecommunications.							
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

Homogeneous Material Composition Declaration for Electronic Products

Subltem 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).

Line Functions: +P Inserts a New Part +M Inserts a new Material +C Inserts a new Substance Category +S Inserts a new Substance - Deletes the element line

Item/SubItem			Homogeneous	Weight	Unit of			Level	Substance Category			Substance	CAS	Evemnt	Weight	Unit of Measure	Tolerance		PPM
	Name		Material	weight	Measure			Levei	Substance Category			Substance	CAS				-	+	TEIWI
+P -P	TAJ/TPS E case	+M -M	moulding mass	186.47	mg	+C	-C	Supplier	resin	+S	-S	phenol-formalo	9003-35-4		186.47	mg	50	50	1,000,0
		+M -M	anode body	300.865	mg	+C	-C	Supplier	tantalum	+S	-S	tantalum oxide			249.5	mg	50	50	816,62
						+C	ا	Supplier	tantalum wire	+S	-S	tantalum wire	7440-25-7		3.04	mg	50	50	25,062
						+C	-C	Supplier	cathode	+S	-s	MnO2	1313-13-9		47.156	mg	50	50	154,34
						+C	-C	Supplier	barrier	+S	-s	graphite	7782-42-5		1.098	mg	50	50	3,604
						+C	-C	Supplier	moisture barrier	+S	-s	polymethylhyd	63148-62-9		0.05	mg	50	50	169
						+C	-C	Supplier	wire protection	+S	-s	teflon	9002-84-0		0.022	mg	50	50	198
		+M -M	silver layer	7	mg	+C	-C	Supplier	silver	+S	-s	silver particles	7440-22-4		6.636	mg	50	50	948,33
						+C	ا	Supplier	resin	+S	-S	bisphenol A-(e	25068-38-6		0.364	mg	50	50	51,667
		+M -M	silver paste	0.718	mg	+C	-C	Supplier	silver	+S	-s	silver particles	7440-22-4		0.619	mg	50	50	861,70
						+C	ا	Supplier	ероху	+S	-S	epoxy resin, B	68610-73-1		0.099	mg	50	50	138,29
		+M -M	termination base	33.889	mg	+C	-C	Supplier	nickel	+S	-s	Ni	7440-02-0		0.881	mg	50	50	25,997
						+C	-C	Supplier	copper	+S	-s	Cu	7440-50-8		32.127	mg	50	50	948,00
						+C	- C	Supplier	iron	+S	-s	Fe	7439-89-6		0.881	mg	50	50	25,997
		+M -M	termination plati	2.458	mg	+C	-C	Supplier	tin	+S	-S	Sn	7440-31-5		2.356	mg	50	50	957,69
						+C	-C	Supplier	nickel	+S	-s	Ni	7440-02-0		0.051	mg	50	50	21,154
						+C	-C	Supplier	silver	+S	-s	Ag	7440-22-4		0.051	mg	50	50	21,154

Homogeneous Material Composition Declaration for Electronic Products

Requester Instructions: The requester can optionally include additional substance categories and substances that must be declared for the item on this form. This is in addition to JIG Level A and JIG Level B substances already included for the JIG section. The requester should enter additional substance categories and then enter name of the substance and the CAS number. These entries will be accessible to the supplier via Level drop-down by selecting "Requester". Use the Load "Requester" and Test button to view the entries, just select "Requester" in the Level drop-down list in the previous section.

	Substance Category		Substance	CAS
+C -C		+S -S		
Update	e Level "Requester" aı	nd Test	Clear Level "Re	quester" values