ADDODIATION GONNEGTING	© Co	terial Compo pyright 2005. IPC, Bannocl ternational and Pan-Americ	kburn, Illinois	. All rights reserv	ition with lowe	r level	parts, the	declarati	on enco	mpasses all		erials for which	the item is an assembly the manufacturer has seclaration.				
1/32-2 1.1	_	Web Site for Informati//www.ipc.org/IPC-1		-1752 Standa	ard	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	Resp	onse Date	e *		Response I	Document ID						
IDT							-01-23			PAG48							
Contact Name *	Title - Contact		Phone - Contact *			Email - Contact *			D !'		A (I ' I	D					
CS Phek		Engineer		604-613-253	csph	ek@idt.co	m		Dupli	cate Contact	-> Authorized	Representative					
Authorized Representati	Title - Representative		Phone - Representative *		Email - Representative *			Supplier Comments or URL for Additional Information									
CS Phek		Engineer		604-613-253	38	csph	ek@idt.cc	m									
Requester Item Number		Mfr Item Number		Mfr Item Nam	Effective Date		Version	Manufacturing Site		Weight *	UOM	Unit Type					
				PAG48		2008-	01-23	0	OSEP		195	mg	Each				
Alternate Recommendation				Altern		Alternat	te Item Comments		•								
Manufacturing Proces	ss In	formation															
Terminal Plating / Grid Array Material Terminal I			Terminal B	ase Alloy	ating Peak Process Body Temp			y Tempe	rature Max T	er of Reflow Cycles							
Matte Tin (Sn) - annealed CU A			CU Alloy	1	1				260 C		30 se	econds 3	3				
Comments					•		•			•							

Save the fields in this form to a file	Export Data	Import fields from a file into this form	mport 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 Co	mposition Declaratio	n				Declaration Type *	Simplified
		nit of 0.1% by mass (1000 Plers (PBDE) and quantity limit					inated Biphenyls (PBB),
ate that Supplier completes t upplier may have relied on ir upplier agrees that, at a mini ritten agreement with respec	his form. Supplier acknowledges formation provided by others in commum, its suppliers have provided	is form concerning RoHS restrictive su that Company will rely on this certificat ompleting this form, and that Supplier r certifications regarding their contribution and conditions of that agreement, includer provides in this form.	tion in determining the c may not have independe ons to the part, and thos	ompliance of its products with ently verified such information e certifications are at least as	European Union member state However, in situations where S comprehensive as the certificati	laws that implement the RoHS Direct Supplier has not independently verifion in this paragraph. If the Compart	ctive. Company acknowledges that ed information provided by others, by and the Supplier enter into a
RoHS Declaration *	1 - Item(s) does not contain Ro	HS restricted substances per the de	efinition above			Supplier Acceptance * Acc	epted
Exemptions: If the declar bove and choose all ap		RoHS restricted substances p	er the definition ab	ove except for defined	RoHS exemptions, then so	elect the corresponding responding	onse in the RoHS Declaration
Declaration Signa	iture						
nstructions: Compl	ete all of the required fie	lds on all pages of this form	n. Select the "Acc	cepted" on the Suppli	er Acceptance drop-do	wn. This will display the si	gnature 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: +I Inserts a New Item /SubItem +M Inserts a new Material +C Inserts a new Substance Category +S Inserts a new Substance - Deletes the element line

	Item/SubItem		Homogeneous	Woight	Unit of			Lovel	Substance Category			Culatanas	CAS	Evennt	Waight	Unit of	Tolerance		PPM
	Name		Material	Weight	Measure			Level	Substance Category			Substance	CAS	Exempt	vveignt	Measure	-	+	PPIVI
+1 -1	PAG48	+M -M	Mold Compound	123.17	mg	+C	-C	Supplier	Filler	+S	-S	Fused Silica	60676-86-0		107.77	mg	0.02	0.02	552,65
	-	•				+C	٠	Supplier	Binder	+S	-s	Polymeric Resin	Trade Secre	!	14.78	mg			75,792
						+C	-C	Supplier	Coloring	+S	-s	Carbon Black	1333-86-4		0.62	mg			3,158
		+M -M	Die Attach Adhe	s 0.6	mg	+C	-C	Supplier	Filler	+S	-S	Silver	7440-22-4		0.45	mg			2,325
						+C	-C	Supplier	Binder	+S	-s	Epoxy Resin	9003-36-5		0.07	mg			341
						+C	-C	Supplier	Binder	+S	-S	Diluent	26447-14-3		0.06	mg			310
						+C	-C	Supplier	Binder	+S	-s	Dicyandiamide	461-58-5		0.01	mg			31
						+C	-C	Supplier	Binder	+S	-S	Hardener	620-92-8		0.02	mg			93
		+M -M	Lead Frame	64.35	mg	÷C	-C	Supplier	Copper Alloy	+S	Ş	Copper	7440-50-8		61.39	mg			314,82
						+C	-C	Supplier	Copper Alloy	+S	-S	Silicon	7440-21-3		0.47	mg			2,393
						+C	-C	Supplier	Copper Alloy	+S	-S	'Nickel	'7440-02-0		2.06	mg			10,560
						+C	-C	Supplier	Copper Alloy	+S	-s	Magnesium	7439-95-4		0.11	mg			578
						+C	-C	Supplier	Silver Plating	+S	-S	Silver	7440-22-4		0.32	mg			1,650
		+M -M	Lead Finish	3.32	mg	÷C	-C	Supplier	Solder Plating	+S	Ş	Tin	7440-31-5		3.32	mg			17,000
		+M -M	Bond Wire	0.78	mg	+C	-c	Supplier	Wire	+S	-s	Gold	7440-57-5		0.78	mg			4,000
		+M -M	Silicon	2.79	mg	+C	-C	Supplier	Silicon Chip	+S	-S	Silicon	7440-21-3		2.79	mg			14,300