ASSOCIATION CONNECTING ELECTRONICS INDUSTRIES®	© Co	terial Compo pyright 2005. IPC, Bannoch ternational and Pan-Americ	kburn, Illinois	. All rights reserve	tion with lower	level part	ts, the	declaratio	n encon	npasses all l		erials for	which	ne item is an assembly the manufacturer has declaration.		
1752-2 1.1 IPC Web Site for Information on IPC-17 http://www.ipc.org/IPC-175x					>-1752 Standard						ration Class * 6 - RoHS Yes/No, Homogeneous Materials and Mfg Informa					
Supplier Information																
Company Name *		Company Unique ID		Unique ID Au	Ithority	Respon	se Date) *		Response D	ocument ID					
SEMTECH CORPORATIO	00-847-9941		DUNS	2017-09-05												
Contact Name * ROYA MOTAMEDI		Title - Contact Supervisor, QA Product Suppo				Email - Contact * rmotamedi@semtech.con			om	Duplicate Contact -> Authorized Representative						
Authorized Representati ROYA MOTAMEDI		Title - Representative Supervisor, QA Prod		-	resentative * 1		-	entative emtech.c		Supplier Cor	nments or UR	L for Add	ditional I	nformation		
Requester Item Numbe	r (Mfr Item Number		Mfr Item Name	Effective I	Date	Version	Manufa	cturing Site	Weight *	UC	OM	Unit Type			
	LC05-6.TBT			Dual Low-Cap	a			Philippi	nes	474.3	mg	9	Each			
Alternate Recommendation							Alternate Item Co		mments							
Manufacturing Proces	ss In	formation														
Terminal Plating / Grid Array	Materi	al	Terminal Ba	ase Alloy	J-STD-020 MSL Ra	iting Pe	eak Proc	ess Body	Tempera	ature Max Ti	me at Peak Tem	perature	Number	of Reflow Cycles		
Matte Tin (Sn) CU Alloy				1				2 60 C		30 se	econds	3				
LC05-6.TBT is REACH-c	ompli	iant product, per EU	Regulatio	on EC1907/20	006 to include rec	ent addi	tion of	SVHC ca	andidat	e list of sul	ostances in Ju	uly 2017				

Save the fields in this form to a file	Evport 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 chan	Look Cupplier Fields
RoHS Materia	Composition Declar	ation				Declaration Type	* Detailed
		ty limit of 0.1% by mass (100 Ethers (PBDE) and quantity					ominated Biphenyls (PBB),
chromium, polybromina excess of an applicable gathered the information Company will rely on thi completing this form, ar certifications regarding conditions of that agree	ted biphenyls and/or polybrominate quantity limit, please indicate below it provides in this form using app s certification in determining the co d that Supplier may not have inde heir contributions to the part, and ment, including any warranty rights	ompliance of its products with European pendently verified such information. Ho those certifications are at least as comp	ricted substance?) in excess believe may apply. If the p y and that such information n Union member state laws owever, in situations where prehensive as the certificati hat agreement, will be the s	ss of the applicable quantity lim part is an assembly with lower I is true and correct to the best of that implement the RoHS Dire Supplier has not independently ion in this paragraph. If the Co sole and exclusive source of the	it identified above. If a homoge evel components, the declaration of its knowledge and belief, as of ctive. Company acknowledges y verified information provided lo popany and the Supplier enter is a Supplier?s liability and the Co	eneous material within the part cor on shall encompass all such comp of the date that Supplier complete: s that Supplier may have relied on by others, Supplier agrees that, at into a written agreement with resp impany?s remedies for issues that	ntains a RoHS restricted substance in ponents. Supplier certifies that it s this form. Supplier acknowledges that information provided by others in a minimum, its suppliers have provided
RoHS Declaration	n * 1 - Item(s) does not conta	ain RoHS restricted substances per the	he definition above			Supplier Acceptance *	Accepted
	e declared item does not co all applicable exemptions.	ntain RoHS restricted substanc	es per the definition a	above except for defined	RoHS exemptions, then	select the corresponding re	esponse in the RoHS Declaration
Declaration S	ignature						
In a fine a file in a s	ward a factor and the factor of the second s	al Calaba and all manages of the last		a second se		and the second sec	town - town

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: +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	Weight	Unit of		Level	Substance Category			Substance	CAS	Exempt	Weight	Unit of	Toler	ance	PPM
		Name			Material	Weight	Measure			oubstance outegory			oubstance		Exempt	Weight	Measure	-	+	
+	1 -1	Die	+M	-M	Doped Silicon	2.898	mg	+C -C	Supplier		+S	-S	Si	7440-21-3		2.898	mg			6,110.2
+	I -I	Leadframe	+M	-M	A194	190.28	mg	+C -C	Supplier		+S	-S	Cu	7440-50-8		185.523	mg			391,16
											+S	-S	Fe	7439-89-6		4.472	mg			9,427.9
											+S	-S	Р	7723-14-0		0.057	mg			120.36
					_						+S	-S	Zn	7440-66-6		0.228	mg			481.43
+	-	Die Attach	+M	-M	84-1 LMIS R4	2.01	mg	+C -C	Supplier		+S	-S	Silver	7440-22-4		1.709	mg			3,602.2
			_						-		+S	-S	Epoxy resin	129915-35-1		0.101	mg			211.9
											+S	-S	Aromatic amine	8007-70-3		0.201	mg			423.79
+	I -I	Wire bond	+M	-M	Gold	12.2	mg	+C -C	Supplier		+S	-S	Au	7440-57-5		12.199	mg			25,720
+	1 -1	Encapsulation	+M	-M	EME G600	219.5	mg	+C -C	Supplier		+S	-S	Fused Silica	60676-86-0		192.063	mg			404,94
			_						-		+S	-S	Epoxy Resin	129915-35-1		10.975	mg			23,139
											+S	-S	Carbon Black	1333-86-4		1.098	mg			2,313.9
											+S	-S	Epoxy cresol novalac	29690-82-2		4.39	mg			9,255.9
											+S	-S	Phenol resin	9003-35-4		10.975	mg			23,139
+	-	Lead Finish	+M	-M	Tin Alloy	47.4	mg	+C -C	Supplier		+S	-S	Tin	7440-31-5		47.4	mg			99,939