	© Copy	erial Compo yright 2005. IPC, Bannoc ernational and Pan-Ameri	kburn, Illinois	. All rights reserve	tion with lower	' '											
IPC Web Site for Information on IPC-1752 Standard <a href="http://www.ipc.org/IPC-175x">http://www.ipc.org/IPC-175x</a>									Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materials and Mfg Informa								
Supplier Information																	
Company Name *	Company Unique ID		Unique ID Authority		Response Date *		*	Response D		Document ID							
SEMTECH CORPORATIO	<b>N</b> 0	00-847-9941		DUNS	2016-0	<b>)</b> 8-22											
Contact Name *		Title - Contact		Phone - Con	Email	- Contac	t *		Dunlingto	Camtast		wine of De					
ROYA MOTAMEDI		Supervisor, QA Prod	uct Suppo	805-498-211	rmotamedi@semtech.com			om 📗	Duplicate	Contact -	> Autno	rizea Re	epresentative				
Authorized Representative *		Title - Representative	9	Phone - Rep	Email - Representative *			* Supp	Supplier Comments or URL for Additional Information								
ROYA MOTAMEDI	s	Supervisor, QA Prod	luct Suppo	805-498-211	1	rmota	medi@se	mtech.c	om								
Requester Item Number		Mfr Item Number		Mfr Item Name	Effective Date		Version	Manufacturir	ng Site	Weight *	UC	M	Unit Type				
		SMDA24C-5.TBT		24 V 5-Line B				Malaysia	74.16		mg	3	Each				
Alternate Recommendation				Alternate Ite			Item Comme	nts									
Manufacturing Proces	s Info	ormation															
Terminal Plating / Grid Array Material Term			Terminal Ba	ase Alloy	J-STD-020 MSL Ra	ating	Peak Process Body Tempe		Temperature	rature Max Time at Peak		emperature Nu		of Reflow Cycles			
Matte Tin (Sn)		CU Alloy		1				<b>260</b> C		<b>30</b> se		3					
Comments					1					1							

Save the fields in Import fields from a Clear all of the Lock the fields on this **Export Data** Import Data Reset Form Lock Supplier Fields this form to a file file into this form fields on this form form to prevent changes **RoHS Material Composition Declaration Declaration Type \*** Detailed Rohs Directive Rohs Definition: Quantity limit of 0.1% by mass (1000 PPM) in homogeneous material for: Lead (Pb), Mercury, Hexavalent Chromium, Polybrominated Biphenvls (PBB). Polybrominated Diphenyl Ethers (PBDE) and quantity limit of 0.01% by mass (100 PPM) of homogeneous material for Cadmium 2002/95/EC Please indicate whether any homogeneous material (as defined by the RoHS Directive, EU 2002/95/EC and implemented by the laws of the European Union member states) of the part identified on this form contains lead, mercury, cadmium, hexavalent chromium, 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 contains 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 part is an assembly with lower level components, the declaration shall encompass 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, as 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 information provided by others in completing this form, and that Supplier may not have independently verified such information. However, in situations where Supplier has not independently verified information provided by others, Supplier agrees that, at a minimum, its suppliers have provided certifications regarding their contributions to the part, and those certifications are at least as comprehensive as the certification in this paragraph. If the Company and the Supplier enter 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 that agreement, will be the sole and exclusive source of the Supplier?s liability and the Company?s remedies for issues that arise regarding information the Supplier provides in this form. In the absence of such written agreement, the warranty rights and/or remedies of Supplier's Standard Terms and Conditions of Sale applicable to such part shall apply. 1 - Item(s) does not contain RoHS restricted substances per the definition above Supplier Acceptance \* Accepted **RoHS Declaration \*** Exemptions: If the declared item does not contain RoHS restricted substances per the definition above except for defined RoHS exemptions, then select the corresponding response in the RoHS Declaration above and choose all applicable exemptions. **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: +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	Oint oi	Tolerance		PPM
	Name		Material	weight	Measure		Level	Substance Category			Substance	CAG	Lveilibr	Weigill	Measure	-	+	
+1 -1	Lead frame	+M -M	C194 Ag plated (	24.26	mg	+C -C	Supplier		+S	-S	Cu	7440-50-8		23.58	mg		;	318,01
									+S	-S	Fe	7439-89-6		0.57	mg			7,687.5
						+C -C	A	Lead/Lead Compound	+S	-S	Lead	7439-92-1		0.01	mg			98.139
						+C -C	Supplier	Silver plating	+S	-S	Ag	7440-22-4		0.05	mg			654.26
									+S	-S	Р	7723-14-0		0.02	mg			269.22
									+S	-s	Zn	7440-66-6		0.03	mg			408.91
+1 -	Die	+M -M	Doped silicon	2.63	mg	+C -C	Supplier		+S	-S	Si	7440-21-3		2.62	mg			35,286
									+S	-s	Others	Proprietary		0.013	mg			177.32
+1 -	Die attach material	+M -M	Conductive epox	1.13	mg	+C -C	Supplier		+S	-S	Epoxy resin	Proprietary		0.17	mg			2,285.5
		_							+S	-s	Silver	7440-22-4		0.88	mg			11,808
									+S	-s	Aromatic Amine	Proprietary		0.06	mg			838.05
+1 -1	Wire	+M -M	Gold	0.3	mg	+C -C	Supplier		+S	-S	Au	7440-57-5		0.29997	mg			4,044.9
	¥.								+S	-s	Others	Proprietary		0.00003	mg			0.4045
+1 -	Lead Finish	+M -M	Tin Alloy	1.46	mg	+C	Supplier		+S	-S	Sn	7440-31-5		1.46	mg			19,685
									+S	-s	Others	Proprietary		0.0001	mg			1.9687
+1 -	Encapsulation	+M -M	EME-G600C	44.38	mg	+C -C	Supplier		+S	-S	Silica fused	60676-86-0		37.72	mg			508,67
									+S	-s	Epoxy Resin	Proprietary		2.22	mg			29,921
									+S	-s	Epoxy, Cresol Novolac	29690-82-2		0.89	mg			11,968
									+S	-S	Phenol resin	Proprietary		2.22	mg			29,921
									+S	-s	Carbon Black	1333-86-4		0.13	mg			1,795.3