ASSOCIATION CONNECTING ELECTRONICS INDUSTRIES®	© Co	terial Compo pyright 2005. IPC, Bannoci nternational and Pan-Americ	kburn, Illinois	. All rights reserv	tion with lower	level pa	arts, the	declaratior	n encom		er level mate	erials for	which th	e item is an assembly ne manufacturer has eclaration.
1752-2 1.1	-1752 Standa	Form Type * Distribute			Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materials and Mfg Informa									
Supplier Information														
Company Name *		Company Unique ID		Unique ID Au	Response Date *			R	esponse Doc	ument ID				
SEMTECH CORP.		SEMTECH CORP.				2012-0	1-04							
Contact Name *		Title - Contact		Phone - Con	Email - Contact *				D ! .	0 1 1	Λ (1			
ROYA READER		Quality Customer Se	rvice Spec	805-389-274	Rreader@semtech.com			n	Duplicate	Contact	-> Autho	orizea Re	presentative	
Authorized Representati	ive *	Title - Representative		Phone - Rep	Email - Representative *			* S	upplier Comn	nents or URI	L for Add	ditional Ir	formation	
ROYA READER				805-389-274	2	Rreade	er@semt	ech.com	1					
Requester Item Number		Mfr Item Number		Mfr Item Name	Effective	e Date	Version	Manufac	turing Site	Weight *	UC	OM	Unit Type	
UCLAMP3301H.TCT		UCLAMP3301H.TCT		Low Voltage _I	ın			China		1.473	mg	9	Each	
Alternate Recommenda				Alterr		Alternate	Item Con	iments				•		
Manufacturing Proces	ss In	formation												
Terminal Plating / Grid Array Material Termin			Terminal B	ase Alloy	J-STD-020 MSL Ra	ating	Peak Process Body Tem		Temperat	ure Max Time	ax Time at Peak Tempe		Number	of Reflow Cycles
Matte Tin (Sn)			Alloy 42		1			260			30 se	econds	3	
Comments														
Uclamp3301H.TCT is RE	ACH-	-compliant product,	per EU Re	egulation EC	1907/2006 to incl	ude rec	ent addi	tion of S	VHC ca	ndidate list o	f substance	es in Oc	tober 20)11

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	Evemnt	Weight	OTHE OF	Tolerance		PPM
		Name			Material	Weight	Measure			Levei	Substance Category			Substance	UA3	LACITIFE	weignt	Measure	-	+	I I IVI
+1 -	-1 [Die	+M	-M	Doped Silicon	0.0561	mg	+C	-C	Supplier		+S	-S	Si	7440-21-3		0.0561	mg		3	38,080
+1 -	·I [_eadframe	+M	-M	Alloy 42	0.5825	mg	+C	-C	Supplier		+S	-S	Fe	7439-89-6		0.3358	mg		2	228,00
		-						+C	-C	В		+S	-s	Nickel	7440-02-0		0.2388	mg			162,15
								+C	-C	Supplier		+S	-S	Mn	7439-96-5		0.0035	mg		2	2,373
												+S	-S	Cr(not Cr6+)	7440-47-3		0.0006	mg		;	396
												+S	-s	Со	7440-48-4		0.0029	mg			1,978
												+S	-s	Si	7440-21-3		0.0009	mg		į	593
			+M	-M	Die attached pad	0.0219	mg	+C	-c	Supplier		+S	-S	Ag	7440-22-4		0.0219	mg		1	14,844
+1 -	-I E	Bonding wire	+M	-M	Gold wire	0.0063	mg	+C	-C	Supplier		+S	-S	Au	7440-57-5		0.0063	mg		4	4,281
+1 -	-I P	Molding compound	+M	-M	CEL-1702HF-9	0.7515	mg	+C	-C	Supplier		+S	-S	SiO2	60676-86-0		0.6561	mg		4	445,43
	Ī				•				·			+S	-s	Epoxy Resin	29690-82-2		0.0376	mg		2	25,512
												+S	-s	Phenol Resin	26834-02-6		0.0376	mg		2	25,512
												+S	-s	Aromatic poly-phospha	Proprietary		0.0188	mg		,	12,756
												+S	-s	С	1333-86-4		0.0015	mg		,	1,020
+1 -	-1 [Die attached epoxy	+M	-M	84-1 LMISR4	0.0259	mg	+C	-c	Supplier		+S	-S	Ag	7440-22-4		0.0194	mg		1	13,192
					<u>-</u>	•						+S	-s	epoxy resin	Proprietary		0.0052	mg		;	3,518
												+S	-s	curing agent & hardene	Proprietary		0.0013	mg		8	879
+1 -	-1	Γin solder	+M	-M	Pure Tin	0.0287	mg	+C	-c	Supplier		+S	-S	Sn	7440-31-5		0.0287	mg		1	19,468