_ AS	PC SSOCIATION CONNECTING ECTRONICS INDUSTRIES®	© Cop	-	kburn, Illinois	PC-1752 Standard Form Type * Distribute Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materials and Mfg Informat   Unique ID Authority Response Date * 2012-08-17 Response Document ID   Phone - Contact * Email - Contact * Duplicate Contact -> Authorized Representative										
17	52-2 1.1	IPC Web Site for Information on IPC-1752 Standard http://www.ipc.org/IPC-175x												laterials	and Mfg Informat
Sup	plier Information														
Company Name * Company Unique ID					Unique ID Authority			Response Date *			Response Document ID				
SEN	ITECH CORPORATIO	SEMTECH CORPOR	RATION		2012-08-17										
Contact Name * Title - Con			Title - Contact		Phone - Con	ontact *		Email - Contact *				0 1 1	A (1		
ROYA READER		Quality Customer Service Spec			805-389-274	rreader@semtech.com				Duplicate	Contact	-> Autho	rized Re	presentative	
Aut	horized Representati	ve *	Title - Representative	)	Phone - Rep	resentative *	Email	- Represe	entative	* Sup	plier Comm	ents or URI	for Add	litional In	formation
ROYA READER			Quality Customer Se	rvice Spec	805-389-274	rreader@semtech.com									
	Requester Item Numbe	r (	Mfr Item Number		Mfr Item Name	•	Effectiv	e Date	Version	Manufactu	ring Site	Weight *	UC	M	Unit Type
	SEMTECH CORPORATI Contact Name * ROYA READER Authorized Representat ROYA READER Requester Item Number Alternate Recommend Manufacturing Proce		EClamp2455P.TCT		ESD-EMI 4-liı	2			China		5.168	mg	I	Each	
	Alternate Recommenda	ation						Alternate Item C			ents				•
Ма	nufacturing Proces	ss Inf	ormation												
Terminal Plating / Grid Array Material Terminal E			ase Alloy	ting Peak Process Body Tem			Temperatur	erature Max Time at Peak Temperat			Ire Number of Reflow Cycles				
	•	Ni/Pd	/Au)	CU Alloy		1			2	2 <b>60</b> C		<b>30</b> se	econds	3	
EC	EClamp2455P.TCT is REACH-compliant product, per EU Regulation EC1907/2006 to include recent addition of SVHC candidate list of substances in June 2012.														

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
<b>RoHS Materia</b>	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 family of the second	ward a factor and the factor of the second s	al Calaba and all manages of the last		a second se	• • • • •	and the second s	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	tem/SubItem	Homogeneous	Weight	Unit of		Level	Substance Category			Substance	CAS	Exempt	Weight	Unit of	Toleran	ce PPM
	Name		Material	weight	Measure		Levei	Substance Category			Substance	CAS	Exempt	weight	Measure	-	+
+I -I	Die	+M -M	Silicon Chip	0.225	mg	+C -0	Supplier		+S	-S	Si	7440-21-3		0.0687	mg		13,302
+I -I	Lead frame	+M -M	C7025	1.5479	mg	+C -(	Supplier		+S	-S	Cu	7440-50-8		1.4844	mg		287,22
		_							+S	-s	Si	7440-21-3		0.0112	mg		2,171
						+C -(	Св	Nickel (external applic	+S	-s	Nickel	7440-02-0		0.0495	mg		9,584
						+C -(	C Supplier		+S	-S	Mg	7439-95-4		0.0027	mg		524
		+M -M	Ni/Pd/Au Plating	0.0397	mg	+C -(	В		+S	-s	Nickel	7440-02-0		0.0358	mg		6,925
			-			+C -(	C Supplier	middle plating	+S	-S	Palladium	7440-03-5		0.0033	mg		630
						+C -(	Supplier	outer plating	+S	-s	Gold	7440-57-5		0.0006	mg		125
+  -	Bond wire	+M -M	Gold wire	0.0508	mg	+C -(	Supplier		+S	-S	Gold	7440-57-5		0.0508	mg		9,839
+  -	Molding compound	+M -M	EME-G770HCD	3.4281	mg	+C -(	Supplier		+S	-s	Silica fused	60676-86-0		3.2053	mg		620,20
			-				•		+S	-s	Epoxy resin	Proprietary		0.1028	mg		19,899
									+S	-s	Phenol resin	Proprietary		0.1028	mg		19,899
									+S	-s	Carbon Black	1333-86-4		0.0171	mg		3,317
+  -	Die attached epoxy	+M -M	QMI519	0.0329	mg	+C -(	Supplier		+S	-s	Ag	7440-22-4		0.0263	mg		5,086
			-				•		+S	-s	palladium compound	Proprietary		0.000049	mg		10
									+S	-s	2,6-Di-tert-butyl-p-creso	128-37-0		0.000001	mg		0.3178
									+S	-s	Hydroquinone	123-31-9		0.00000	Img		0.0044
									+S	-s	Acrylate	Proprietary		0.0052	mg		1,007
									+S	-s	Bismaleimide resin	Proprietary		0.001	mg		191
									+S	-s	Polymer of polybutadie	Proprietary		0.0003	mg		64