ASSOCIATION CONNECTING ELECTRONICS INDUSTRIES®	© Co	terial Compo pyright 2005. IPC, Bannoc nternational and Pan-Ameri	kburn, Illinois	. All rights reserv	tion with lower	level p	arts, the	declaratio	n encom _l	oasses all	lower level		r which t	e item is an assembly the manufacturer has declaration.
1752-2 1.1	IPC Web Site for Information on IPC-1752 Standard http://www.ipc.org/IPC-175x						orm Type * Declaration Class * stribute Class 6 - RoHS Yes/No, Homogeneous Materials and						s and Mfg Informa	
Supplier Information														
Company Name *		Company Unique ID		Unique ID Au	uthority	Respo	nse Date	*	R	esponse	Document	ID		
SEMTECH CORPORATION 00-847-9941		00-847-9941					2012-11-28							
Contact Name *		Title - Contact		Phone - Contact *		Email - Contact *				5 1				
Roya Reader		QA Customer Service Specialis		805-389-2742		rreader@semtech.com				Duplicate Contact -> Authorized Representative				
Authorized Representative *		Title - Representative		Phone - Representative *		Email - Representative *		* S	Supplier Comments or URL for Additional Information					
Roya Reader		QA Customer Service	e Specialis	805-389-274	2	rreade	r@semte	ch.com						
Requester Item Number		Mfr Item Number		Mfr Item Name		Effectiv	tive Date Version Manu		Manufac	turing Site	Weig	ht * U	ОМ	Unit Type
	R		RClamp2656P.TGT		Low Capacitance RClamp Surg		ge		China		6.17	m	g	Each
Alternate Recommend	ation							Alternate	Item Con	nments	•	•		
Manufacturing Proces	ss In	formation												
Terminal Plating / Grid Array Material Termin		Terminal Ba	Base Alloy J-STD-020 MSL I		ating Peak Process Body Temp		Temperat	rature Max Time at Peak Tem		Temperature	perature Number of Reflow Cycles			
, ,		CU Alloy	y 1			260		260 C		30 secon		s 3		
Comments RClamp2656P.TGT is RE	EACH	-compliant product,	per EU R	egulation EC	:1907/2006 to inc	lude re	cent addi	ition of S	SVHC ca	ndidate l	list of subs	tances in S	eptembe	er 2012

* Required Field

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	Evennt	Weight	Unit of	Toleran	ce PPM
Name		Material	weight	Measure		Levei	Substance Category)	Substance	CAS	Exempt	weight	Measure	- -	FFW	
+l -l Die	+M -M	Doped Silicon	0.4906	mg	+C -0	Supplier		+S	-S	Si	7440-21-3		0.4906	mg		79,522
+I -I Lead frame	+M -M	C7025	2.23587	mg	+C -0	Supplier		+S	-\$	Cu	7440-50-8		2.1442	mg		347,52
								+S	-s	Si	7440-21-3		0.0162	mg		2,627
					+C -0	В		+S	-S	Nickel	7440-02-0		0.0715	mg		11,596
					+C -0	Supplier		+S	-S	Mg	7439-95-4		0.0039	mg		634
	+M -M	Ni/Pd/Au plating	0.05733	mg	+C -C	В		+S	-S	Nickel	7440-02-0		0.0517	mg		8,378
					+C -0	Supplier	middle plating	+S	-S	Pd	7440-05-3		0.0047	mg		762
					+C -0	Supplier	outer plating	+S	-S	Au	7440-57-5		0.0009	mg		151
+I -I Bonding wire	+M -M	CuAu	0.03945	2mg	+C -C	Supplier		+S	-S	Au	7440-57-5		0.0276	mg		4,476
								+S	-s	Cu	7440-50-8		0.0118	mg		1,918
+I -I Molding compour	nd +M -M	EME-G770HCD	3.11210 ⁻	1mg	+C -C	Supplier		+S	-S	Silica fused	60676-86-0		2.9098	mg		471,61
								+S	-s	Epoxy resin	proprietary		0.0934	mg		15,132
								+S	-s	Phenol resin	proprietary		0.0934	mg		15,132
								+S	-s	С	1333-86-4		0.0156	mg		2,522
+I -I Die attached adhe	es +M -M	QMI519	0.22279	mg	+C -C	Supplier		+S	-S	Ag	7440-22-4		0.1782	mg		28,887
								+S	-s	Palladium compound	proprietary		0.0003	mg		54
								+S	-s	2,6-Di-tert-butyl-p-creso	128-37-0		0.00001	mg		2
								+S	-s	Hydroquinone	123-31-9		0.000000	mg		0
								+S	-s	Acrylate	proprietary		0.0353	mg		5,721
								+S	-s	Bismaleimide resin	proprietary		0.0067	mg		1,083
								+S	-s	Polymer of polybutadie	proprietary		0.0022	mg		361
	+M -M	8006NS	0.01172	mg	+C -0	Supplier		+S	-S	Aluminum oxide	1344-28-1		0.004	mg		646
								+S	-s	Diethylene glycol mono	112-15-2		0.004	mg		646

+S	-S	Epoxy resins	proprietary	0.0033	mg		532	
+S	ှ	Amine	proprietary	0.0005	mg		76	