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1752-2 1.1		Web Site for Informat		Form Type * Declaration Class * Distribute Class 6 - RoHS Yes/No, Homogeneous Materials						and Mfg Informa				
Supplier Information														
Company Name *	Company Unique ID		Unique ID Authority			Response Date *			Response Document ID					
SEMTECH CORPORATION		SEMTECH CORPOR	RATION		2013-01-24									
Contact Name *		Title - Contact		Phone - Contact *		Email - Contact *				Domlingto	011	۸ 4 ام	-: I D -	
Roya Reader		QA Customer Service Specialis		805-389-2742		rreader@semtech.com				Duplicate	Contact -	-> Autno	orizea Re	presentative
Authorized Representative *		Title - Representative	е	Phone - Representative *		Email - Representative *		*	Supplier Comments or URL for Additional Information					
Roya Reader		QA Customer Service	e Specialis	805-389-274	2	rreade	r@semte	ech.com						
Requester Item Number		Mfr Item Number		Mfr Item Name)	Effective	e Date	Version Manuf		cturing Site	Weight *	UC	OM	Unit Type
		LCDA15C-6.TBT		15 V Low-Ca _l	pacitance, Bidrect	o			Philipp	ines	76	mg	3	Each
Alternate Recommend	ation					Alternate Item Co			omments					
Manufacturing Proce	ss In	formation												
Terminal Plating / Grid Array Material			Terminal Base Alloy		J-STD-020 MSL Rating		Peak Process Body Tempe		Temper	rature Max Time at Peak To		nperature Number of Reflow		of Reflow Cycles
Matte Tin (Sn)			CU Alloy		1		260		260 C		30 se	econds	3	
Comments LCDA15C-6.TBT is REA	CH-c	ompliant product, p	er EU Reg	ulation EC19	907/2006 to inclu	de rece	nt additi	on of SV	HC car	ndidate list of s	ubstances	in Sept	tember 2	012.

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	Mojaht	Unit of			Level	Substance Category			Substance	CAS	Evenue	Weight	Unit of	Tolerance		PPM
	Name			Material	Weight	Measure			Level	Substance Category			Substance	CAS	Exempt		Measure	-	+	PPIWI
+1	Die	+M	-М	Doped Silicon	2.75	mg	+C	-C	Supplier		+S	-S	Si	7440-21-3		2.75	mg			36,184
+1	Leadframe	+M	-М	Cu 194 Cu alloy	39.45	mg	+C	-C	Supplier		+S	-s	Cu	7440-50-8		38.5505	mg			507,24
											+S	-s	Fe	7439-89-6		0.8403	mg			11,056
											+S	-S	Р	7723-14-0		0.008	mg			105.37
											+S	-s	Zn	7440-66-6		0.0513	mg			674.80
+1	Die attached epoxy	+M	-м	Ablebond 84-3J	0.175	mg	+C	-c	Supplier		+S	-S	Epoxy resin	Proprietary		0.14	mg			1,875.4
											+S	-s	Bisphenol-A epichlorhy	25068-38-6		0	mg			12.664
											+S	-s	1,4 bis (2-3-epoxypropo	2425-79-8		0.03	mg			345.39
											+S	-s	Aromatic Amine	Proprietary		0.005	mg			69.048
+1	Wire bonding	+M	-М	Gold alloy	0.10001	mg	+C	-C	Supplier		+S	-S	Au	7440-57-5		0.1	mg			1,315.6
					•			•			+S	-s	Ag	7440-22-4		0.000004	mg			0.0559
							+C	-C	В	Beryllium/Beryllium C	+S	-s	Beryllium	7440-41-7		0.000001	mg			0.0197
							+C	-C	Supplier		+S	-s	Ca	7789-78-8		0.000004	mg			0.0559
+1	Molding compound	+M	-M	EME-G600	30	mg	+C	-С	Supplier		+S	-S	Fused Silica	60676-86-0		26	mg			345,39
					•			•			+S	-s	Epoxy resin	Proprietary		1.5	mg			19,736
											+S	-s	Carbon black	1333-86-4		0.15	mg			1,973.6
											+S	-s	Epoxy cresol Novalac	29690-82-2		0.6	mg			7,894.7
											+S	-s	Phenol resin	Proprietary		1.5	mg			19,736
+1	Lead finish	+M	-М	Tin alloy	3.525	mg	+C	-C	Supplier		+S	-S	Tin	7440-31-5		3.5	mg			46,376
							+C	-C	A	Lead/Lead Compound	+S	-s	Lead	7439-92-1		0.000088	mg			1.1595
							+C	-C	В	Bismuth/Bismuth Con	+S	-s	Bismuth	7440-69-9		0.00003	mg			0.4638
							+C	-C	A	Cadmium/Cadmium C	+S	-s	Cadmium	7440-43-9		0.000017	mg			0.2319
							+C	-C	Supplier		+S	-S	Cu	7440-50-8		0.000035	mg			0.4638

+C -C	A	Lead/Lead Compound	+S -S	Lead	7439-92-1		0.0002	mg			2.3190
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