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1752-2 1.1		Web Site for Informat	rd	Form Type * Distribute			Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materials and Mfg Informa											
Supplier Information																		
Company Name * Company Unique				Unique ID Au	ıthority	ority Respo		*	Re	Response Document ID								
SEMTECH CORPORATION	00-847-9941		DUNS	2019-1	0-01													
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Authorized Representative *		Title - Representative	е	Phone - Representative *		Email - Representative *			* Su	Supplier Comments or URL for Additional Information								
Same		Specialist, Document Control/C		805-498-2111		Same												
Requester Item Number		Mfr Item Number		Mfr Item Name		Effective Date		Version	Manufacti	ıring Site	Weight *	UC	M	Unit Type				
		GN2406-INE3		Quad 10Gb/s CDR with Transn		n			Malaysia		95.03	mg	J	Each				
Alternate Recommend	dation					Alterna		Alternate	e Item Comments		•	•		•				
Manufacturing Proce	ss In	formation																
Terminal Plating / Grid Array Material			Terminal B	ase Alloy	J-STD-020 MSL Ra	ating	g Peak Process Bo		Body Temperature		Max Time at Peak Tem		Number	of Reflow Cycles				
Tin (Sn)			CU Alloy	,	3				260 C		30 se		3					
Comments					1							!						
GN2406-INE3 is a REAC	Н-соі	mpliant product, per	EU Regu	lation EC190	7/2006 to include	the m	ost recei	nt additio	ons to the	SVHC can	didate list	of substa	ances. c	k dm				

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	Unit of	Tolerance		PPM
	Name		Material	Weight	Measure		Levei	oubstance oategory			Gubstance	UA3		Weight	Measure	-	+	
+1 -1	Leadframe	+M -M	C194-FH	40.1	mg	+C -C	Supplier		+S	-S	Fe	7439-89-6		0.94	mg			23,501
									+S	-s	Р	7723-14-0		0.04	mg			1,000
									+S	-s	Zn	7440-66-6		0.05	mg			1,250
									+S	-s	Cu	7440-50-8		38.66	mg			964,24
									+S	-s	Ag	7440-22-4		0.4	mg			10,001
+1 -1	Mold Compound	+M -M	EME G770HCD	39.36	mg	+C -C	Supplier		+S	-S	Epoxy Resin	Trade Secre		1.18	mg			30,005
	=								+S	-s	Phenol Resin	Trade Secre		1.18	mg			30,005
									+S	-s	Carbon Black	1333-86-4		0.12	mg			3,000
									+S	-s	Silica Fused	60676-86-0		36.88	mg			937,00
+1 -1	Die	+M -M	Silicon	6.98	mg	+C -C	Supplier		+S	-S	Si	7440-21-3		6.98	mg			1,000,0
+1 -1	Die Attach	+M -M	CRM-1076DS	1.05	mg	+C -C	Supplier		+S	-S	Ag	7440-22-4		0.8	mg		-	762,50
	,			•					+S	-s	Epoxy Resin	9003-36-5		0.13	mg			125,00
									+S	-s	Diluent	26447-14-3		0.07	mg			65,000
									+S	-s	Phenloics	9003-35-4		0.03	mg			30,000
									+S	-s	Epoxy Silane	2530-83-8		0.01	mg			12,500
									+S	-s	Dicyandiamide	461-58-5		0.01	mg			5,000
+1 -1	Wire	+M -M	AW66	1.13	mg	+C -C	Supplier		+S	-s	Au	7440-57-5		1.13	mg	ĺ	ļ	999,90
	_								+S	-s	Other	N/A		0	mg			100
+1 -1	External Plating	+M -M		6.42	mg	+C -C	Supplier		+S	-S	Sn	744-31-5		6.42	mg			1,000,0