



## Material Composition Sheet

Product: GT4123BCKA  
 Package Type: SOIC-8 (100/tube)  
 Manufacturer: Gennum Corporation

Date: 06-Dec-2006

Component	BOM	Weight of Component (mg)	Substance	Weight of Substance (mg)	Homogeneous Material	
					%	ppm
Chip		4.50	Al	0.03	0.66	6667
			Si	4.47	99.33	993333
			Sub-total:	4.50	99.99	1000000
Die Attach	Ablebond 84-1 LMISR4	0.14	Aromatic Amine	0.01	7.14	71429
			Epoxy Resin	0.02	14.28	142857
			Silver	0.11	78.57	785714
			Sub-total:	0.14	99.99	1000000
Lead Finish External		1.41	Pb	0.35	24.82	248227
			Sn	1.06	75.17	751773
			Sub-total:	1.41	99.99	1000000
Lead Finish Internal		0.19	Ag	0.19	100.00	1000000
			Sub-total:	0.19	100.00	1000000
Leadframe	Olin 194FH	24.26	Cu	23.65	97.48	974856
			Fe	0.57	2.34	23495
			P	0.01	0.04	412
			Zn	0.03	0.12	1237
			Sub-total:	24.26	99.98	1000000
Marking Ink	Wieder 238	0.00		0.00	0.00	0
			Sub-total:	0.00	0.00	0
Mold Compound	EME G6300H	46.89	Antimony Trioxide	1.41	3.00	30070
			BrominatedEpoxyResin	0.94	2.00	20047
			Carbon Black	0.14	0.29	2986
			Epoxy Cresol Novolac	7.50	15.99	159949
			Phenol/Novolac resin	2.67	5.69	56942
			Silica Fused	34.23	73.00	730006
			Sub-total:	46.89	99.97	1000000
Wires	SGA3	0.21	Au	0.21	100.00	1000000
			Sub-total:	0.21	100.00	1000000
<b>Total:</b>		<b>77.60</b>				

### GENNUM CORPORATION

Mailing Address: P.O. Box 489, Stn. A, Burlington, Ontario, Canada L7R 3Y3  
 Shipping Address: 970 Fraser Drive, Burlington, Ontario, Canada L7L 5P5  
 Tel. +1 (905) 632-2996 Fax. +1 (905) 632-5946

[www.gennum.com](http://www.gennum.com)

The information contained in this document describes the homogeneous material composition of this product according to the definition set forth in the EU RoHS Directive 2002/95/EC. This information may have been derived from calculations based on information obtained from our suppliers. Gennum Corporation assumes no liability for any errors or omissions in this document. Gennum reserves the right to make changes to this document at any time without notice.