



## Material Composition Sheet

Product: GS9009ACTB  
 Package Type: SOIC-14 taped (2500/reel)  
 Manufacturer: Gennum Corporation

Date: 06-Dec-2006

Component	BOM	Weight of Component (mg)	Substance	Weight of Substance (mg)	Homogeneous Material	
					%	ppm
Chip		1.53	Al	0.01	0.65	6536
			Si	1.52	99.34	993464
			Sub-total:	1.53	99.99	1000000
Die Attach	84-1 LMISR4	0.29	Aromatic Amine	0.02	6.89	68966
			Epoxy Resin	0.05	17.24	172414
			Silver	0.22	75.86	758621
			Sub-total:	0.29	99.99	1000001
Lead Finish External		2.24	Pb	0.56	25.00	250000
			Sn	1.68	75.00	750000
			Sub-total:	2.24	100.00	1000000
Lead Finish Internal		0.86	Ag	0.86	100.00	1000000
			Sub-total:	0.86	100.00	1000000
Leadframe	Olin 194FH	43.03	Cu	41.96	97.51	975134
			Fe	1.01	2.34	23472
			P	0.01	0.02	232
			Zn	0.05	0.11	1162
			Sub-total:	43.03	99.98	1000000
Marking Ink	Wieder W238	0.01		0.00	0.00	0
			Sub-total:	0.00	0.00	0
Mold Compound	EME 6300H	80.87	Antimony Trioxide	2.43	3.00	30048
			BrominatedEpoxyResin	1.62	2.00	20032
			Carbon Black	0.24	0.29	2968
			Epoxy Cresol Novolac	12.94	16.00	160010
			Phenol/Novolac resin	4.61	5.70	57005
			Silica Fused	59.03	72.99	729937
			Sub-total:	80.87	99.98	1000000
Wires		0.27	Au	0.27	100.00	1000000
			Sub-total:	0.27	100.00	1000000
<b>Total:</b>		<b>129.10</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)

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