



## Material Composition Sheet

Product: GS9008ACTA  
 Package Type: SOIC-8 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	0.14	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 W238	0.00		0.00	0.00	0
			Sub-total:	0.00	0.00	0
Mold Compound	EME 6300H	46.13	Antimony Trioxide	1.38	2.99	29915
			BrominatedEpoxyResin	0.92	1.99	19944
			Carbon Black	0.14	0.30	3035
			Epoxy Cresol Novolac	7.38	15.99	159983
			Phenol/Novolac resin	2.63	5.70	57013
			Silica Fused	33.68	73.01	730111
			Sub-total:	46.13	99.98	1000001
Wires	SGA3	0.21	Au	0.21	100.00	1000000
			Sub-total:	0.21	100.00	1000000
<b>Total:</b>		<b>73.87</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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