



## Material Composition Sheet

Product: GS9010ACTC-L  
 Package Type: SOIC-16W taped (500/reel)  
 Manufacturer: Gennum Corporation

Date: 11-Dec-2006

Component	BOM	Weight of Component (mg)	Substance	Weight of Substance (mg)	Homogeneous Material	
					%	ppm
Chip		8.02	Al	0.05	0.62	6234
			Si	7.97	99.37	993766
			Sub-total:	8.02	99.99	1000000
Die Attach	84-1 LMISR4	2.33	Aromatic Amine	0.12	5.15	51502
			Epoxy Resin	0.40	17.16	171674
			Silver	1.81	77.68	776824
			Sub-total:	2.33	99.99	1000000
Lead Finish External		2.83	Pb	0.71	25.08	250883
			Sn	2.12	74.91	749117
			Sub-total:	2.83	99.99	1000000
Lead Finish Internal		0.27	Ag	0.27	100.00	1000000
			Sub-total:	0.27	100.00	1000000
Leadframe	Olin 194FH	120.51	Cu	117.50	97.50	975023
			Fe	2.83	2.34	23484
			P	0.04	0.03	332
			Zn	0.14	0.11	1162
			Sub-total:	120.51	99.98	1000001
Marking Ink	Wieder W238	0.01		0.00	0.00	0
			Sub-total:	0.00	0.00	0
Mold Compound	EME 6300H	286.45	Antimony Trioxide	8.59	2.99	29988
			BrominatedEpoxyResin	5.73	2.00	20003
			Carbon Black	0.86	0.30	3002
			Epoxy Cresol Novolac	45.83	15.99	159993
			Phenol/Novolac resin	16.33	5.70	57008
			Silica Fused	209.11	73.00	730005
			Sub-total:	286.45	99.98	999999
Wires	SGA3	0.78	Au	0.78	100.00	1000000
			Sub-total:	0.78	100.00	1000000
<b>Total:</b>		<b>421.20</b>				

### GENNUM CORPORATION

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