



## Material Composition Sheet

Product: GS9010ACKCE3  
 Package Type: SOIC-16W (47/tube)  
 Manufacturer: Gennum Corporation

Date: 06-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	CRM1076R	2.33	Ag	1.75	75.10	751073
			Epoxy Resin	0.58	24.89	248927
			Sub-total:	2.33	99.99	1000000
Lead Finish External		1.33	Sn	1.33	100.00	1000000
			Sub-total:	1.33	100.00	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 G600	324.88	Carbon Black	0.97	0.29	2986
			Epoxy Cresol Novolac	13.00	4.00	40015
			Epoxy Resin	18.52	5.70	57006
			Phenol Resin	16.24	4.99	49988
			SiO2	276.15	85.00	850006
			Sub-total:	324.88	99.98	1000001
Wires	SGA3	0.78	Au	0.78	100.00	1000000
			Sub-total:	0.78	100.00	1000000
<b>Total:</b>		<b>458.13</b>				

### GENNUM CORPORATION

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