



## Material Composition Sheet

Product: GS4982-CKAE3  
 Package Type: SOIC-8 (100/tube)  
 Manufacturer: Gennum Corporation

Date: 06-Mar-2007

Component	BOM	Weight of Component (mg)	Substance	Weight of Substance (mg)	Homogeneous Material	
					%	ppm
Chip		4.69	Al	0.03	0.63	6397
			Si	4.66	99.36	993603
			Sub-total:	4.69	99.99	1000000
Die Attach	CRM1076R	0.15	Ag	0.11	73.33	733333
			Epoxy Resin	0.04	26.66	266667
			Sub-total:	0.15	99.99	1000000
Lead Finish External		1.33	Sn	1.33	100.00	1000000
			Sub-total:	1.33	100.00	1000000
Lead Finish Internal		0.19	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 G600	48.75	Carbon Black	0.15	0.30	3077
			Epoxy Cresol Novolac	1.95	4.00	40000
			Epoxy Resin	2.78	5.70	57026
			Phenol Resin	2.44	5.00	50051
			SiO2	41.43	84.98	849846
			Sub-total:	48.75	99.98	1000000
Wires	SGA3	0.21	Au	0.21	100.00	1000000
			Sub-total:	0.21	100.00	1000000
<b>Total:</b>		<b>79.58</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

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