



## Material Composition Sheet

Product: GS9064-CKDE3  
 Package Type: SOIC-16N (50/tube)  
 Manufacturer: Gennum Corporation

Date: 06-Dec-2006

Component	BOM	Weight of Component (mg)	Substance	Weight of Substance (mg)	Homogeneous Material	
					%	ppm
Chip		1.96	Al	0.01	0.51	5102
			Si	1.95	99.48	994898
			Sub-total:	1.96	99.99	1000000
Die Attach	CRM1076R	0.16	Ag	0.12	75.00	750000
			Epoxy Resin	0.04	25.00	250000
			Sub-total:	0.16	100.00	1000000
Lead Finish External		1.43	Sn	1.43	100.00	1000000
			Sub-total:	1.43	100.00	1000000
Lead Finish Internal		0.30	Ag	0.30	100.00	1000000
			Sub-total:	0.30	100.00	1000000
Leadframe	Olin 197FH	54.25	Cu	52.89	97.49	974931
			Fe	1.27	2.34	23410
			P	0.02	0.03	369
			Zn	0.07	0.12	1290
			Sub-total:	54.25	99.98	1000000
Marking Ink	Wieder W238	0.01		0.00	0.00	0
			Sub-total:	0.00	0.00	0
Mold Compound	EME G600	95.70	Carbon Black	0.28	0.29	2926
			Epoxy Cresol Novolac	3.83	4.00	40021
			Epoxy Resin	5.45	5.69	56949
			Phenol Resin	4.79	5.00	50052
			SiO2	81.35	85.00	850052
			Sub-total:	95.70	99.98	1000000
Wires	SGA3	0.41	Au	0.41	100.00	1000000
			Sub-total:	0.41	100.00	1000000
<b>Total:</b>		<b>154.22</b>				

### GENNUM CORPORATION

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