



Material Composition Sheet

Product: GS9009ACKBE3
 Package Type: SOIC-14 (57/tube)
 Manufacturer: Genum 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	CRM1076R	0.29	Ag	0.22	75.86	758621
			Epoxy Resin	0.07	24.13	241379
			Sub-total:	0.29	99.99	1000000
Lead Finish External		2.04	Sn	2.04	100.00	1000000
			Sub-total:	2.04	100.00	1000000
Lead Finish Internal		0.20	Ag	0.20	100.00	1000000
			Sub-total:	0.20	100.00	1000000
Leadframe	Olin194FH	43.03	Cu	41.96	97.51	975134
			Fe	1.01	2.34	23472
			P	0.01	0.02	232
			Zn	0.05	0.11	1162
			Sub-total:	43.03	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	84.54	Carbon Black	0.25	0.29	2957
			Epoxy Cresol Novolac	3.38	3.99	39981
			Epoxy Resin	4.82	5.70	57014
			Phenol Resin	4.23	5.00	50035
			SiO2	71.86	85.00	850012
			Sub-total:	84.54	99.98	999999
Wires	SGA3	0.27	Au	0.27	100.00	1000000
			Sub-total:	0.27	100.00	1000000
Total:		131.91				

GENNUM CORPORATION

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