



Material Composition Sheet

Product: GS1504-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		2.72	Al	0.02	0.73	7353
			Si	2.70	99.26	992647
			Sub-total:	2.72	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 194FH	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	95.97	Carbon Black	0.29	0.30	3022
			Epoxy Cresol Novolac	3.84	4.00	40013
			Epoxy Resin	5.47	5.69	56997
			Phenol Resin	4.80	5.00	50016
			SiO2	81.57	84.99	849953
			Sub-total:	95.97	99.98	1000001
Wires	SGA3	0.41	Au	0.41	100.00	1000000
			Sub-total:	0.41	100.00	1000000
Total:		155.25				

GENNUM CORPORATION

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