



Material Composition Sheet

Product: GT4123BCKAE3
 Package Type: SOIC-8 (100/tube)
 Manufacturer: Gennum Corporation

Date: 06-Dec-2006

Component	BOM	Weight of Component (mg)	Substance	Weight of Substance (mg)	Homogeneous Material	
					%	ppm
Chip		4.50	Al	0.03	0.66	6667
			Si	4.47	99.33	993333
			Sub-total:	4.50	99.99	1000000
Die Attach	CRM 1076R	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 238	0.00		0.00	0.00	0
			Sub-total:	0.00	0.00	0
Mold Compound	EME G600	49.01	Carbon Black	0.15	0.30	3061
			Epoxy Cresol Novolac	1.96	3.99	39992
			Epoxy Resin	2.79	5.69	56927
			Phenol Resin	2.45	4.99	49990
			SiO2	41.66	85.00	850031
			Sub-total:	49.01	99.97	1000001
Wires	SGA3	0.21	Au	0.21	100.00	1000000
			Sub-total:	0.21	100.00	1000000
Total:		79.65				

GENNUM CORPORATION

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