



Material Composition Sheet

Product: GT4123BCTA
 Package Type: SOIC-8 taped (2500/reel)
 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	84-1 LMISR4	0.14	Aromatic Amine	0.01	7.14	71429
			Epoxy Resin	0.02	14.28	142857
			Silver	0.11	78.57	785714
			Sub-total:	0.14	99.99	1000000
Lead Finish External		1.41	Pb	0.35	24.82	248227
			Sn	1.06	75.17	751773
			Sub-total:	1.41	99.99	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 6300H	46.89	Antimony Trioxide	1.41	3.00	30070
			BrominatedEpoxyResin	0.94	2.00	20047
			Carbon Black	0.14	0.29	2986
			Epoxy Cresol Novolac	7.50	15.99	159949
			Phenol/Novolac resin	2.67	5.69	56942
			Silica Fused	34.23	73.00	730006
			Sub-total:	46.89	99.97	1000000
Wires	SGA3	0.21	Au	0.21	100.00	1000000
			Sub-total:	0.21	100.00	1000000
Total:		77.60				

GENNUM CORPORATION

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