



Material Composition Sheet

Product: GS4982-CTA
 Package Type: SOIC-8 taped (2500/reel)
 Manufacturer: Genum Corporation

Date: 06-Dec-2006

Component	BOM	Weight of Component (mg)	Substance	Weight of Substance (mg)	Homogeneous Material	
					%	ppm
Chip		4.69	Al	0.03	0.63	6397
			Si	4.66	99.36	993603
			Sub-total:	4.69	99.99	1000000
Die Attach Lead Finish External	84-1 LMISR4	0.14	Pb	0.00	0.00	0
			Sn	1.41	24.82	248227
			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 W238	0.00	Sub-total:	0.00	0.00	0
			Sub-total:	0.00	0.00	0
Mold Compound	EME G6300H	46.88	Antimony Trioxide	1.41	3.00	30077
			BrominatedEpoxyResin	0.94	2.00	20051
			Carbon Black	0.14	0.29	2986
			Epoxy Cresol Novolac	7.50	15.99	159983
			Phenol/Novolac resin	2.67	5.69	56954
			Silica Fused	34.22	72.99	729949
Sub-total:	46.88	99.96	1000000			
Wires	SGA3	0.21	Au	0.21	100.00	1000000
			Sub-total:	0.21	100.00	1000000
Total:		77.78				

GENNUM CORPORATION

Mailing Address: P.O. Box 489, Stn. A, Burlington, Ontario, Canada L7R 3Y3
 Shipping Address: 970 Fraser Drive, Burlington, Ontario, Canada L7L 5P5
 Tel. +1 (905) 632-2996 Fax. +1 (905) 632-5946

www.gennum.com

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