



Material Composition Sheet

Product: GS9000CCTJ
 Package Type: PLCC-28 taped (750/reel)
 Manufacturer: Gennum Corporation

Date: 06-Dec-2006

Component	BOM	Weight of Component (mg)	Substance	Weight of Substance (mg)	Homogeneous Material	
					%	ppm
Chip		5.26	Al	0.03	0.57	5703
			Si	5.23	99.42	994297
			Sub-total:	5.26	99.99	1000000
Die Attach	84-1 LMISR4	2.21	Aromatic Amine	0.12	5.42	54299
			Epoxy Resin	0.38	17.19	171946
			Silver	1.71	77.37	773756
			Sub-total:	2.21	99.98	1000001
External Lead Finish		8.14	Pb	2.03	24.93	249386
			Sn	6.11	75.06	750614
			Sub-total:	8.14	99.99	1000000
Internal Lead Finish		0.65	Ag	0.65	100.00	1000000
			Sub-total:	0.65	100.00	1000000
Leadframe	Olin 151	310.34	Cu	310.03	99.90	999001
			Zn	0.31	0.09	999
			Sub-total:	310.34	99.99	1000000
Marking Ink	Wieder W238	0.10		0.00	0.00	0
			Sub-total:	0.00	0.00	0
Mold Compound	EME 6300H	812.77	Antimony Trioxide	24.38	2.99	29996
			Brominated Epoxy Resin	16.26	2.00	20006
			Carbon Black	2.44	0.30	3002
			Epoxy Cresol Novolac	130.04	15.99	159996
			Phenol/Novolac resin	46.33	5.70	57003
			Silica Fused	593.32	72.99	729997
			Sub-total:	812.77	99.97	1000000
Wires	SGA3	1.13	Au	1.13	100.00	1000000
			Sub-total:	1.13	100.00	1000000
Total:		1140.60				

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

The information contained in this document describes the homogeneous material composition of this product according to the definition set forth in the EU RoHS Directive 2002/95/EC. This information may have been derived from calculations based on information obtained from our suppliers. Gennum Corporation assumes no liability for any errors or omissions in this document. Gennum reserves the right to make changes to this document at any time without notice.