



## Material Composition Sheet

Product: GS1515-CTM  
 Package Type: MQFP-44 Taped (250/reel)  
 Manufacturer: Gennum Corporation

Date: 06-Dec-2006

Component	BOM	Weight of Component (mg)	Substance	Weight of Substance (mg)	Homogeneous Material	
					%	ppm
Chip		6.73	Al	0.04	0.59	5944
			Si	6.69	99.40	994056
			Sub-total:	6.73	99.99	1000000
Die Attach	8360	1.56	Ag	1.17	75.00	750000
			Curing agent & hardener	0.08	5.12	51282
			Epoxy Resin	0.31	19.87	198718
			Sub-total:	1.56	99.99	1000000
Lead Finish External		9.40	Pb	1.41	15.00	150000
			Sn	7.99	85.00	850000
			Sub-total:	9.40	100.00	1000000
Lead Finish Internal		2.31	Ag	2.31	100.00	1000000
			Sub-total:	2.31	100.00	1000000
Leadframe	Alloy 42	115.70	Fe	67.11	58.00	580035
			Ni	48.59	41.99	419965
			Sub-total:	115.70	99.99	1000000
				0.00	0.00	0
Marking Ink	Teca 261	0.01	Sub-total:	0.00	0.00	0
Mold Compound	EME 6600CS	359.69	Antimony Trioxide	7.19	1.99	19989
			Bromine	2.16	0.60	6005
			Epoxy Resin	35.97	10.00	100003
			Phenol Resin	23.02	6.39	64000
			Silica Fused	291.35	81.00	810003
			Sub-total:	359.69	99.98	1000000
Wires	MGFL1-B	1.00	Au	1.00	100.00	1000000
			Sub-total:	1.00	100.00	1000000
<b>Total:</b>		<b>496.40</b>				

### 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](http://www.gennum.com)

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