



Material Composition Sheet

Product: GS1515-CTME3
 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	1076DS	1.59	Ag	1.19	74.84	748428
			Epoxy Resin	0.20	12.57	125786
			Epoxy Silane	0.02	1.25	12579
			Phenol Resin	0.05	3.14	31447
			t-Butylphenylglycidil ether	0.13	8.17	81761
		Sub-total:	1.59	99.97	1000001	
Lead Finish External		8.69	Sn	8.69	100.00	1000000
			Sub-total:	8.69	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
Marking Ink	Teca 261	0.01		0.00	0.00	0
			Sub-total:	0.00	0.00	0
Mold Compound	EME G700	363.27	Carbon Black	1.82	0.50	5010
			Epoxy Resin	29.06	7.99	79996
			Phenol	23.61	6.49	64993
			SiO2	308.78	85.00	850001
		Sub-total:	363.27	99.98	1000000	
Wires	MGFL1-B	1.00	Au	1.00	100.00	1000000
			Sub-total:	1.00	100.00	1000000
Total:		499.30				

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.