



Material Composition Sheet

Product: GX9533-CQY
 Package Type: MQFP-100pin (66/tray)
 Manufacturer: Gennum Corporation

Date: 06-Dec-2006

Component	BOM	Weight of Component (mg)	Substance	Weight of Substance (mg)	Homogeneous Material	
					%	ppm
Chip		18.68	Al	0.11	0.58	5889
			Si	18.57	99.41	994111
			Sub-total:	18.68	99.99	1000000
Die Attach	8360	1.88	Ag	1.41	75.00	750000
			Curing agent & hardener	0.09	4.78	47872
			Epoxy Resin	0.38	20.21	202128
			Sub-total:	1.88	99.99	1000000
Lead Finish External		27.21	Pb	4.73	17.38	173833
			Sn	22.48	82.61	826167
			Sub-total:	27.21	99.99	1000000
Lead Finish Internal		1.15	Ag	1.15	100.00	1000000
			Sub-total:	1.15	100.00	1000000
Leadframe	Olin 7025	250.70	Cu	241.17	96.19	961986
			Mg	0.38	0.15	1516
			Ni	7.52	2.99	29996
			Si	1.63	0.65	6502
			Sub-total:	250.70	99.98	1000000
Marking Ink	Teca 261	0.10	Au	0.00	0.00	0
			Sub-total:	0.00	0.00	0
Mold Compound	EME 6600CS	1279.70	Antimony Trioxide	25.59	1.99	19997
			Bromine	7.68	0.60	6001
			Epoxy Resin	127.97	10.00	100000
			Phenol Resin	81.90	6.39	63999
			Silica Fused	1036.56	81.00	810002
			Sub-total:	1279.70	99.98	999999
Wires	MGM 7	2.40	Au	2.40	100.00	1000000
			Sub-total:	2.40	100.00	1000000
Total:		1581.82				

GENNUM CORPORATION

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