



Material Composition Sheet

Product: GS1535-CFU
 Package Type: LQFP-64 pin (160/tray)
 Manufacturer: Gennum Corporation

Date: 06-Dec-2006

Component	BOM	Weight of Component (mg)	Substance	Weight of Substance (mg)	Homogeneous Material	
					%	ppm
Die		12.06	Al	0.07	0.58	5804
			Si	11.99	99.41	994196
			Sub-total:	12.06	99.99	1000000
Die Attach	8361H	1.81	1,4butanediolglycidylether	0.11	6.07	60773
			Ag	1.36	75.13	751381
			Amine	0.14	7.73	77348
			Epoxy Resin	0.20	11.04	110497
			Sub-total:	1.81	99.97	999999
Lead Finish External		16.92	Pb	2.54	15.01	150118
			Sn	14.38	84.98	849882
			Sub-total:	16.92	99.99	1000000
Lead Finish Internal		1.78	Ag	1.78	100.00	1000000
			Sub-total:	1.78	100.00	1000000
Leadframe	Olin 7025	93.30	Cu	89.75	96.19	961951
			Mg	0.14	0.15	1501
			Ni	2.80	3.00	30011
			Si	0.61	0.65	6538
			Sub-total:	93.30	99.99	1000001
Marking Ink	Teca 261	0.01		0.00	0.00	0
			Sub-total:	0.00	0.00	0
Mold Compound	EME 7320A	211.11	Antimony Trioxide	3.17	1.50	15016
			BrominatedEpoxyResin	3.17	1.50	15016
			Carbon Black	1.06	0.50	5021
			Epoxy Resin	15.83	7.49	74985
			Phenol Resin	15.83	7.49	74985
			Silica Fused	172.05	81.49	814978
			Sub-total:	211.11	99.97	1000001
Wires	MGFL1-B	1.29	Au	1.29	100.00	1000000
			Sub-total:	1.29	100.00	1000000
Total:		338.28				

GENNUM CORPORATION

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