



Material Composition Sheet

Product: GS1535ACFUE3
 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	8340A	1.82	Ag	1.34	73.62	736264
			Aromatic Hydrocarb	0.04	2.19	21978
			Cu	0.04	2.19	21978
			Epoxy Resin	0.36	19.78	197802
			Gammabutyrlactate	0.04	2.19	21978
			Sub-total:	1.82	99.97	1000000
Lead Finish External		13.80	Sn	13.80	100.00	1000000
			Sub-total:	13.80	100.00	1000000
Lead Finish Internal		0.98	Ag	0.98	100.00	1000000
			Sub-total:	0.98	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	CEL9200THF	211.10	Aromatic Phosphate	3.17	1.50	15017
			Carbon Black	1.06	0.50	5021
			Epoxy Resin	11.61	5.49	54998
			Phenol	8.44	3.99	39981
			SiO2	186.82	88.49	884983
			Sub-total:	211.10	99.97	1000000
Wires	MGFL1-B	1.29	Au	1.29	100.00	1000000
			Sub-total:	1.29	100.00	1000000
Total:		334.36				

GENNUM CORPORATION

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