



## Material Composition Sheet

Product: GS9065ACFUE3  
 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	1.81	Ag	1.34	74.03	740331
			Aromatic Hydrocarb	0.04	2.20	22099
			Cu	0.03	1.65	16575
			Epoxy Resin	0.36	19.88	198895
			Gammabutyrlactate	0.04	2.20	22099
			Sub-total:	1.81	99.96	999999
Lead Finish External		13.80	Sn	13.80	100.00	1000000
			Sub-total:	13.80	100.00	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	Teca261	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
<b>Total:</b>		<b>335.15</b>				

### GENNUM CORPORATION

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