



## Material Composition Sheet

Product: GS9074ACNE3  
 Package Type: QFN-16 pin  
 Manufacturer: Gennum Corporation

Date: 18-Dec-2006

Component	BOM	Weight of Component (mg)	Substance	Weight of Substance (mg)	Homogeneous Material	
					%	ppm
Die		1.77	Al	0.01	0.56	5650
			Si	1.76	99.43	994350
			Sub-total:	1.77	99.99	1000000
Die Attach	8290	0.13	Ag	0.10	76.80	768000
			Amine	0.01	4.00	40000
			Epoxy Resin	0.02	12.00	120000
			Gammabutyrlactate	0.00	3.20	32000
			Metal Oxide	0.01	4.00	40000
			Sub-total:	0.13	100.00	1000000
Internal Pad Plating		0.08	Ag	0.08	100.00	1000000
			Sub-total:	0.08	100.00	1000000
Leadframe	194FH	17.79	Cu	17.35	97.51	975152
			Fe	0.42	2.35	23555
			P	0.00	0.00	56
			Zn	0.02	0.12	1237
			Sub-total:	17.79	99.98	1000000
Marking Ink		0.00		0.00	0.00	0
			Sub-total:	0.00	0.00	0
Mold Compound	EME G770HT	22.86	Carbon Black	0.07	0.30	3018
			Epoxy Resin	1.07	4.69	46982
			Phenol Resin	0.91	3.99	39983
			Silica Fused	20.80	90.98	909843
			Sub-total:	22.86	99.96	999826
Terminals Finish		0.55	Sn	0.55	100.00	1000000
			Sub-total:	0.55	100.00	1000000
Wires	GL2	0.07	Au	0.07	100.00	1000000
			Sub-total:	0.07	100.00	1000000
<b>Total:</b>		<b>43.24</b>				

### GENNUM CORPORATION

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