



## Material Composition Sheet

Product: GS2978-CNE3  
 Package Type: QFN-16 pin  
 Manufacturer: Gennum Corporation

Date: 11-Dec-2006

Component	BOM	Weight of Component (mg)	Substance	Weight of Substance (mg)	Homogeneous Material	
					%	ppm
Die		1.86	Al	0.01	0.53	5376
			Si	1.85	99.46	994624
			Sub-total:	1.86	99.99	1000000
Die Attach	8290	1.25	Ag	0.96	76.80	768000
			Amine	0.05	4.00	40000
			Epoxy Resin	0.15	12.00	120000
			Metal Oxide	0.05	4.00	40000
			t-Butylphenylglycidil ether	0.04	3.20	32000
			Sub-total:	1.25	100.00	1000000
Internal Pad Plating		0.76	Ag	0.76	100.00	1000000
			Sub-total:	0.76	100.00	1000000
Leadframe	Olin 194	17.79	Cu	17.35	97.52	975267
			Fe	0.42	2.36	23609
			Zn	0.02	0.11	1124
			Sub-total:	17.79	99.99	1000000
Mold Compound	EME G770HT	22.84	Carbon Black	0.07	0.30	3065
			Epoxy Resin	1.07	4.68	46848
			Phenol Resin	0.91	3.98	39842
			Silica Fused	20.79	91.02	910245
			Sub-total:	22.84	99.98	1000000
Terminals Finish		1.31	Sn	1.31	100.00	1000000
			Sub-total:	1.31	100.00	1000000
Wires	GL2	0.45	Au	0.45	100.00	1000000
			Sub-total:	0.45	100.00	1000000
<b>Total:</b>		<b>46.26</b>				

### GENNUM CORPORATION

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