



## Material Composition Sheet

Product: GS2975-CNE3  
 Package Type: QFN-64 pin  
 Manufacturer: Gennum Corporation

Date: 18-Dec-2006

Component	BOM	Weight of Component (mg)	Substance	Weight of Substance (mg)	Homogeneous Material	
					%	ppm
Die		7.22	Al	0.04	0.55	5540
			Si	7.18	99.44	994460
			Sub-total:	7.22	99.99	1000000
Die Attach	CRM1076DS	1.10	Ag	0.84	76.36	763636
			Epoxy Resin	0.14	12.72	127273
			Epoxy Silane	0.01	0.90	9091
			Phenol Resin	0.03	2.72	27273
			t-Butylphenylglycidil ether	0.08	7.27	72727
			Sub-total:	1.10	99.97	1000000
External Lead Finish		5.26	Sn	5.26	100.00	1000000
			Sub-total:	5.26	100.00	1000000
Internal Lead Finish		1.60	Ag	1.60	100.00	1000000
			Sub-total:	1.60	100.00	1000000
Leadframe	Olin 7025	117.14	Cu	112.69	96.20	962011
			Mg	0.18	0.15	1537
			Ni	3.51	2.99	29964
			Si	0.76	0.64	6488
			Sub-total:	117.14	99.98	1000000
Mold Compound	EME G770HC	102.53	Carbon Black	0.51	0.49	4974
			Epoxy Resin 1	4.61	4.49	44962
			Epoxy Resin 2	4.61	4.49	44962
			Metal Hydroxide	2.05	1.99	19994
			Phenol Resin	4.61	4.49	44962
			Silica Fused	86.14	84.01	840144
			Sub-total:	102.53	99.96	999998
Terminals Finish		5.26	Sn	5.26	100.00	1000000
			Sub-total:	5.26	100.00	1000000
Wires	AW88	1.76	Au	1.76	100.00	1000000
			Sub-total:	1.76	100.00	1000000
<b>Total:</b>		<b>241.87</b>				

### GENNUM CORPORATION

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