



## Material Composition Sheet

**Product:** GS7032-CVM  
**Package Type:** TQFP-44PIN (160/tray)  
**Manufacturer:** Gennum Corporation

**Date:** 11-Dec-2006

Component	BOM	Weight of Component (mg)	Substance	Weight of Substance (mg)	Homogeneous Material	
					%	ppm
Chip		9.24	Al	0.06	0.64	6494
			Si	9.18	99.35	993506
			Sub-total:	9.24	99.99	1000000
Die Attach	8361H	1.43	Aromatic Amine	0.08	5.59	55944
			Epoxy Resin	0.24	16.78	167832
			Silver	1.11	77.62	776224
			Sub-total:	1.43	99.99	1000000
Lead Finish External		6.80	Pb	1.02	15.00	150000
			Sn	5.78	85.00	850000
			Sub-total:	6.80	100.00	1000000
Lead Finish Internal		0.22	Ag	0.22	100.00	1000000
Sub-total:		0.22		0.22	100.00	1000000
Lead Frame	Olin 7025	69.30	Cu	66.67	96.20	962049
			Mg	0.10	0.14	1443
			Ni	2.08	3.00	30014
			Si	0.45	0.64	6494
			Sub-total:	69.30	99.98	1000000
Marking Ink	Teca 261	0.01		0.00	0.00	0
			Sub-total:	0.00	0.00	0
Mold Compound	EME 7320	236.88	Antimony Trioxide	3.55	1.49	14986
			BrominatedEpoxyResin	3.55	1.49	14986
			Carbon Black	1.18	0.49	4981
			Epoxy Resin	17.77	7.50	75017
			Phenol Resin	17.77	7.50	75017
			Silica Fused	193.06	81.50	815012
Sub-total:	236.88	99.97	999999			
Wires	NFL03	2.13	Au	2.13	100.00	1000000
			Sub-total:	2.13	100.00	1000000
<b>Total:</b>		<b>326.01</b>				

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