



## Material Composition Sheet

Product: GS9020ACTV  
 Package Type: LQFP-80 pin (250/reel)  
 Manufacturer: Gennum Corporation

Date: 06-Dec-2006

Component	BOM	Weight of Component (mg)	Substance	Weight of Substance (mg)	Homogeneous Material	
					%	ppm
Die		28.07	Al	0.17	0.60	6056
			Si	27.90	99.39	993944
			Sub-total:	28.07	99.99	1000000
Die Attach		12.35	Ag	9.26	74.97	749798
			Epoxy Resin	3.09	25.02	250202
			Sub-total:	12.35	99.99	1000000
Lead Finish External		7.37	Pb	1.84	24.96	249661
			Sn	5.53	75.03	750339
			Sub-total:	7.37	99.99	1000000
Lead Finish Internal Leadframe		194.81	Cr	0.00	0.00	0
			Cu	193.83	99.49	994969
			Zn	0.39	0.20	2002
			Sub-total:	194.81	99.99	1000000
Marking Ink		0.00		0.00	0.00	0
			Sub-total:	0.00	0.00	0
Mold Compound		364.54	Antimony Oxide	5.44	1.49	14923
			Brominated Epoxy	2.17	0.59	5953
			Epoxy Resin	73.16	20.06	200691
			SiO2	283.77	77.84	778433
			Sub-total:	364.54	99.98	1000000
Wires		2.62	Au	2.62	100.00	1000000
			Sub-total:	2.62	100.00	1000000
<b>Total:</b>		<b>609.76</b>				

### GENNUM CORPORATION

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