



Material Composition Sheet

Product: GS9022ACTJE3
 Package Type: PLCC-28 tape (750/reel)
 Manufacturer: Gennum Corporation

Date: 11-Dec-2006

Component	BOM	Weight of Component (mg)	Substance	Weight of Substance (mg)	Homogeneous Material	
					%	ppm
Chip		8.92	Al	0.05	0.56	5605
			Si	8.87	99.43	994395
			Sub-total:	8.92	99.99	1000000
Die Attach	CRM1076R	2.21	Ag	1.66	75.11	751131
			Epoxy Resin	0.55	24.88	248869
			Sub-total:	2.21	99.99	1000000
External Lead Finish		8.00	Sn	8.00	100.00	1000000
			Sub-total:	8.00	100.00	1000000
Internal Lead Finish		0.65	Ag	0.65	100.00	1000000
Leadframe	Olin 151	310.34	Cu	310.03	99.90	999001
			Fe	0.31	0.09	999
			Sub-total:	310.34	99.99	1000000
Marking Ink	Wieder W238	0.10		0.00	0.00	0
Mold Compound	EME G600	848.70	Carbon Black	2.55	0.30	3005
			Epoxy Cresol Novolac	33.95	4.00	40002
			Epoxy Resin	48.38	5.70	57005
			Phenol Resin	42.43	4.99	49994
			SiO2	721.39	84.99	849994
			Sub-total:	848.70	99.98	1000000
Wires	SGA3	1.13	Au	1.13	100.00	1000000
			Sub-total:	1.13	100.00	1000000
Total:		1180.05				

GENNUM CORPORATION

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