Material Composition

Product GS9077-CNE3
Package QFN 16L 4 x 4 x 0.9
Manufacturer Gennum Corporation **Date** 12/03/2008

Component	BOM	Weight of Component mg	Substance	Weight of Substance mg	Homogeneous material %	Homogeneous material ppm
Leadframe	OLIN 194FH	17.79	Cu	17.35	97.51	975100
			Fe	0.42	2.36	23600
			Zn	0.02	0.13	1266
			P	0.00	0.00	34
			Sub-total	17.79	100.00	1000000
Mold Compound	Sumitomo	22.85	Silica Fused	21.41	93.70	937000
	EME G770HCD		Epoxy Resin	0.69	3.00	30000
			Phenol Resin	0.69	3.00	30000
			Carbon Black	0.07	0.30	3000
			Sub-total	22.85	100.00	1000000
Chip		1.86	Si	1.85	99.50	995000
			Al	0.01	0.50	5000
			Sub-total	1.86	100.00	1000000
Die Attach	Sumitomo	1.10	Ag	0.88	80.00	800000
	CRM 1076NS		EpoxyResin	0.12	10.50	105000
			1,2-Epoxy-3-(Tolyloxy) Propane	0.07	6.00	60000
			Bisphenol-F	0.03	3.00	30000
			Dicyandiamide	0.01	0.50	5000
			Sub-total	1.10	100.00	1000000
Wire	GL2	0.40	Au	0.40	99.99	999900
			Sub-total	0.07		999900
Terminals finish		1.15	Sn	1.15	100.00	1000000
			Sub-total	1.15		1000000
Internal pad plating		0.08	Ag	0.08	100.00	1000000
			Sub-total	0.08		1000000
Total		45.23		45.23		

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