



Material Composition

Product **GS2974ACTE3**
Package **QFN 16L 4 x 4 x 0.9**
Manufacturer **Genum Corporation**

Date **12/03/2008**

Component	BOM Item	Weight Component mg	Substance	Weight of Substance mg	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 EME G770HCD	22.86	Silica Fused	21.42	93.7	937000
			Epoxy Resin	0.69	3	30000
			Phenol Resin	0.69	3	30000
			Carbon Black	0.07	0.3	3000
			Sub-total	22.86	100.00	1000000
Chip		1.77	Si	1.76	99.40	994000
			Al	0.01	0.60	6000
			Sub-total	1.77	100.00	1000000
Die Attach	Sumitomo CRM 1076NS	1.10	Ag	0.88	80	800000
			EpoxyResin 1,2-Epoxy-3-(Tolyloxy)	0.12	10.5	105000
			Propane	0.07	6	60000
			Bisphenol-F	0.03	3	30000
			Dicyandiamide	0.01	0.5	5000
			Sub-total	1.10	100.00	1000000
Wire	GL2	0.42	Au	0.42	99.99	999900
Terminals finish		1.15	Sn	1.15	100.00	1000000
Internal pad plating		0.08	Ag	0.08	100.00	1000000
Total		45.16				

GENNUM CORPORATION

4281 Harvestor Road, Burlington ON, Canada, L7L 5M4
 Tel. +(905)632-2996 Fax.+(905)632-5946

www.gennum.com

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