



Material Composition

Product GS2974BCNE3
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		2.19	Si	2.16	98.40	984000
			Al	0.04	1.60	16000
			Sub-total	2.19	100.00	1000000
Die Attach	Sumitomo CRM 1076NS	1.10	Ag	0.88	80	800000
			EpoxyResin	0.12	10.5	105000
			1,2-Epoxy-3- (Tolyloxy) 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		45.58				

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