



## Material Composition Sheet

Product: GS1528BCKAE3  
 Package Type: SOIC-8 (100/tube)  
 Manufacturer: Gennum Corporation

Date: 11-Dec-2006

Component	BOM	Weight of Component (mg)	Substance	Weight of Substance (mg)	Homogeneous Material	
					%	ppm
Chip		2.04	Al	0.01	0.49	4902
			Si	2.03	99.50	995098
			Sub-total:	2.04	99.99	1000000
Die Attach	CRM1076R	0.15	Ag	0.11	73.33	733333
			Epoxy Resin	0.04	26.66	266667
			Sub-total:	0.15	99.99	1000000
Lead Finish External		1.33	Sn	1.33	100.00	1000000
			Sub-total:	1.33	100.00	1000000
Lead Finish Internal		0.19	Ag	0.19	100.00	1000000
			Sub-total:	0.19	100.00	1000000
Leadframe	Olin 194FH	24.26	Cu	23.65	97.48	974856
			Fe	0.57	2.34	23495
			P	0.01	0.04	412
			Zn	0.03	0.12	1237
			Sub-total:	24.26	99.98	1000000
Marking Ink	Wieder W238	0.00		0.00	0.00	0
			Sub-total:	0.00	0.00	0
Mold Compound	EME G600	48.77	Carbon Black	0.15	0.30	3076
			Epoxy Cresol Novolac	1.95	3.99	39984
			Epoxy Resin	2.78	5.70	57002
			Phenol Resin	2.44	5.00	50031
			SiO2	41.45	84.99	849908
			Sub-total:	48.77	99.98	1000001
Wires	SGA3	0.21	Au	0.21	100.00	1000000
			Sub-total:	0.21	100.00	1000000
<b>Total:</b>		<b>76.95</b>				

### GENNUM CORPORATION

Mailing Address: P.O. Box 489, Stn. A, Burlington, Ontario, Canada L7R 3Y3  
 Shipping Address: 970 Fraser Drive, Burlington, Ontario, Canada L7L 5P5  
 Tel. +1 (905) 632-2996 Fax. +1 (905) 632-5946

www.gennum.com

The information contained in this document describes the homogeneous material composition of this product according to the definition set forth in the EU RoHS Directive 2002/95/EC. This information may have been derived from calculations based on information obtained from our suppliers. Gennum Corporation assumes no liability for any errors or omissions in this document. Gennum reserves the right to make changes to this document at any time without notice.