



Material Composition Sheet

Product: GS9068-CTA
 Package Type: SOIC-8 taped (250/reel)
 Manufacturer: Gennum Corporation

Date: 06-Dec-2006

| Component | BOM | Weight of Component (mg) | Substance | Weight of Substance (mg) | Homogeneous Material | |
|----------------------|-------------|--------------------------|----------------------|--------------------------|----------------------|---------|
| | | | | | % | ppm |
| Chip | | 1.33 | Al | 0.01 | 0.75 | 7519 |
| | | | Si | 1.32 | 99.24 | 992481 |
| | | | Sub-total: | 1.33 | 99.99 | 1000000 |
| Die Attach | 84-1 LMISR4 | 0.14 | Aromatic Amine | 0.01 | 7.14 | 71429 |
| | | | Epoxy Resin | 0.02 | 14.28 | 142857 |
| | | | Silver | 0.11 | 78.57 | 785714 |
| | | | Sub-total: | 0.14 | 99.99 | 1000000 |
| Lead Finish External | | 1.41 | Pb | 0.35 | 24.82 | 248227 |
| | | | Sn | 1.06 | 75.17 | 751773 |
| | | | Sub-total: | 1.41 | 99.99 | 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 6300H | 46.19 | Antimony Trioxide | 1.39 | 3.00 | 30093 |
| | | | BrominatedEpoxyResin | 0.92 | 1.99 | 19918 |
| | | | Carbon Black | 0.14 | 0.30 | 3031 |
| | | | Epoxy Cresol Novolac | 7.39 | 15.99 | 159991 |
| | | | Phenol/Novolac resin | 2.63 | 5.69 | 56939 |
| | | | Silica Fused | 33.72 | 73.00 | 730028 |
| | | | Sub-total: | 46.19 | 99.97 | 1000000 |
| Wires | SGA3 | 0.21 | Au | 0.21 | 100.00 | 1000000 |
| | | | Sub-total: | 0.21 | 100.00 | 1000000 |
| Total: | | 73.73 | | | | |

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

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