



## Material Composition Sheet

Product: GS1535BCFUE3  
 Package Type: LQFP-64 pin (160/tray)  
 Manufacturer: Gennum Corporation

Date: 06-Dec-2006

| Component            | BOM            | Weight of Component (mg) | Substance          | Weight of Substance (mg) | Homogeneous Material |         |
|----------------------|----------------|--------------------------|--------------------|--------------------------|----------------------|---------|
|                      |                |                          |                    |                          | %                    | ppm     |
| Die                  |                | 7.25                     | Al                 | 0.04                     | 0.55                 | 5517    |
|                      |                |                          | Si                 | 7.21                     | 99.44                | 994483  |
|                      |                |                          | Sub-total:         | 7.25                     | 99.99                | 1000000 |
| Die Attach           | Ablestik 8340A | 1.11                     | Ag                 | 0.83                     | 74.77                | 747748  |
|                      |                |                          | Aromatic Hydrocarb | 0.02                     | 1.80                 | 18018   |
|                      |                |                          | Cu                 | 0.02                     | 1.80                 | 18018   |
|                      |                |                          | Epoxy Resin        | 0.22                     | 19.81                | 198198  |
|                      |                |                          | Gammabutyrlactate  | 0.02                     | 1.80                 | 18018   |
|                      |                |                          | Sub-total:         | 1.11                     | 99.98                | 1000000 |
| Lead Finish External |                | 13.80                    | Sn                 | 13.80                    | 100.00               | 1000000 |
|                      |                |                          | Sub-total:         | 13.80                    | 100.00               | 1000000 |
| Lead Finish Internal |                | 0.98                     | Ag                 | 0.98                     | 100.00               | 1000000 |
|                      |                |                          | Sub-total:         | 0.98                     | 100.00               | 1000000 |
| Leadframe            | Olin 7025      | 93.30                    | Cu                 | 89.75                    | 96.19                | 961951  |
|                      |                |                          | Mg                 | 0.14                     | 0.15                 | 1501    |
|                      |                |                          | Ni                 | 2.80                     | 3.00                 | 30011   |
|                      |                |                          | Si                 | 0.61                     | 0.65                 | 6538    |
|                      |                |                          | Sub-total:         | 93.30                    | 99.99                | 1000001 |
|                      |                |                          | Marking Ink        | Teca 261                 | 0.01                 |         |
| Mold Compound        | CEL9200THF     | 216.10                   | Aromatic Phosphate | 3.24                     | 1.49                 | 14993   |
|                      |                |                          | Carbon Black       | 1.08                     | 0.49                 | 4998    |
|                      |                |                          | Epoxy Resin        | 11.89                    | 5.50                 | 55021   |
|                      |                |                          | Phenol             | 8.64                     | 3.99                 | 39981   |
|                      |                |                          | SiO2               | 191.25                   | 88.50                | 885007  |
|                      |                |                          | Sub-total:         | 216.10                   | 99.97                | 1000000 |
| Wires                | MGFLI-B        | 1.29                     | Au                 | 1.29                     | 100.00               | 1000000 |
|                      |                |                          | Sub-total:         | 1.29                     | 100.00               | 1000000 |
| <b>Total:</b>        |                | <b>333.84</b>            |                    |                          |                      |         |

### GENNUM CORPORATION

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