



List of Component

No. PN000554 Rev.A

Date 2020/09/07

| | |
|--------------|---------------|
| Item | Discrete |
| Part No. | RGT50TM65DGC9 |
| Product mass | 2102.311 mg |

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|--------------|---|
| Company Name | ROHM Co., Ltd. |
| Address | 21,Saiin Mizosaki-cho, Ukyo-ku, Kyoto 615-8585, Japan |

| No. | Part Name | Substance Name | CAS No. | Mass (mg) | Concentration (wt%) | Remark |
|-----|-----------------------------|--|------------|--------------|---------------------|----------------------|
| 1 | Mold compound | Cyclotetrasiloxane,octamethyl-,reaction products with silica | 68583-49-3 | 640.519922 | 73.68000 | |
| 2 | | CarbonBlack | 1333-86-4 | 7.567689 | 0.88000 | |
| 3 | | Epoxy resin | - | 106.788359 | 12.28000 | |
| 4 | | Phenol -formal dehyde | - | 76.307372 | 8.77000 | |
| 5 | | Metal hydroxide | - | 38.048676 | 4.39000 | |
| 6 | Lead frame | Copper | 7440-50-8 | 1,198.634298 | 99.90000 | |
| 7 | | Iron | 7439-89-6 | 1.199789 | 0.10000 | |
| 8 | Leadframe surface treatment | Nickel | 7440-02-0 | 0.547442 | 100.00000 | |
| 9 | External plating | Tin | 7440-31-5 | 15.006086 | 100.00000 | |
| 10 | Die | Silicon | 7440-21-3 | 4.952834 | 94.95000 | |
| 11 | | Nickel | 7440-02-0 | 0.051717 | 0.99000 | |
| 12 | | Silver | 7440-22-4 | 0.058865 | 1.13000 | |
| 13 | | Gold | 7440-57-5 | 0.009881 | 0.19000 | |
| 14 | | Titanium | 7440-32-6 | 0.012614 | 0.24000 | |
| 15 | | Aluminum | 7429-90-5 | 0.130343 | 2.50000 | |
| 16 | Die attach (In) | Lead | 7439-92-1 | 10.177918 | 92.50000 | RoHS exemption :7(a) |
| 17 | | Tin | 7440-31-5 | 0.550175 | 5.00000 | |
| 18 | | Silver | 7440-22-4 | 0.274982 | 2.50000 | |
| 19 | Bonding wire | Aluminum | 7429-90-5 | 1.472038 | 100.00000 | |

Remarks

- All information in this document is furnished for exploratory or indicative purposes only.
- This information provides estimates of the average weights and content of component materials. And does not include impurities or metals diffused in the silicon.
- The contained volume/mass is a calculated value. For this reason, there are cases when the total volume/mass may differ from the product volume/mass.
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