



List of Component

No. PN000286 Rev.A

Date 2020/08/23

| | |
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| Item | Diode |
| Part No. | RB160LAM-40TR |
| Product mass | 45.973 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 | Silica | 60676-86-0 | 14.018400 | 74.25000 | |
| 2 | | Epoxy resin I | - | 1.774719 | 9.40000 | |
| 3 | | Epoxy resin II | - | 0.556958 | 2.95000 | |
| 4 | | Metal hydroxide | 21645-51-2 | 2.473278 | 13.10000 | |
| 5 | | CarbonBlack | 1333-86-4 | 0.056639 | 0.30000 | |
| 6 | Lead frame | Copper | 7440-50-8 | 24.403052 | 97.62000 | |
| 7 | | Iron | 7439-89-6 | 0.549957 | 2.20000 | |
| 8 | | Zinc | 7440-66-6 | 0.037496 | 0.15000 | |
| 9 | | Phosphorus | 7723-14-0 | 0.007498 | 0.03000 | |
| 10 | External plating | Tin | 7440-31-5 | 0.610002 | 100.00000 | |
| 11 | Die | Silicon | 7440-21-3 | 0.622957 | 71.44000 | |
| 12 | | Silver | 7440-22-4 | 0.249045 | 28.56000 | |
| 13 | Die attach (In) | Lead | 7439-92-1 | 0.573155 | 93.50000 | RoHS exemption :7(a) |
| 14 | | Tin | 7440-31-5 | 0.030650 | 5.00000 | |
| 15 | | Silver | 7440-22-4 | 0.009194 | 1.50000 | |

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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