



List of Component

No. PN001497 Rev.A

Date 2021/04/15

| | |
|--------------|------------|
| Item | Transistor |
| Part No. | EMG3T2R |
| Product mass | 2.55 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 | Die | Silicon | 7440-21-3 | 0.064000 | 86.48649 | |
| 2 | | Gold | 7440-57-5 | 0.010000 | 13.51351 | |
| 3 | Leadframe surface treatment | Copper | 7440-50-8 | 0.139800 | 100.00000 | |
| 4 | External plating | Tin | 7440-31-5 | 0.048300 | 97.97160 | |
| 5 | | Copper | 7440-50-8 | 0.001000 | 2.02840 | |
| 6 | Bonding wire | Gold | 7440-57-5 | 0.014300 | 100.00000 | |
| 7 | Lead frame | Iron | 7439-89-6 | 0.608000 | 58.00420 | |
| 8 | | Nickel | 7440-02-0 | 0.440200 | 41.99580 | |
| 9 | Mold compound | Silica | 60676-86-0 | 0.857100 | 70.00163 | |
| 10 | | Antimony trioxide | 1309-64-4 | 0.018400 | 1.50278 | |
| 11 | | CarbonBlack | 1333-86-4 | 0.006100 | 0.49820 | |
| 12 | | Hardener | - | 0.110200 | 9.00033 | |
| 13 | | Brominated epoxy resin | - | 0.036700 | 2.99739 | |
| 14 | | Epoxy resin | - | 0.195900 | 15.99967 | |

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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