



List of Component

No. PN000217 Rev.A

Date 2020/08/23

| | |
|--------------|-------------|
| Item | Transistor |
| Part No. | R8005ANJGTL |
| Product mass | 1462.809 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 | 433.243945 | 88.58000 | |
| 2 | | Epoxy resin | 29690-82-2 | 29.443712 | 6.02000 | |
| 3 | | Phenol resin | - | 24.895108 | 5.09000 | |
| 4 | | CarbonBlack | 1333-86-4 | 1.516202 | 0.31000 | |
| 5 | Lead frame | Copper | 7440-50-8 | 935.127130 | 99.90000 | |
| 6 | | Iron | 7439-89-6 | 0.936051 | 0.10000 | |
| 7 | Leadframe surface treatment | Nickel | 7440-02-0 | 0.087037 | 100.00000 | |
| 8 | External plating | Tin | 7440-31-5 | 6.278815 | 98.00000 | |
| 9 | | Copper | 7440-50-8 | 0.128142 | 2.00000 | |
| 10 | Die | Silicon | 7440-21-3 | 17.578722 | 98.47985 | |
| 11 | | Nickel | 7440-02-0 | 0.148183 | 0.83008 | |
| 12 | | Silver | 7440-22-4 | 0.085721 | 0.48005 | |
| 13 | | Gold | 7440-57-5 | 0.037448 | 0.21002 | |
| 14 | Die attach (In) | Lead | 7439-92-1 | 10.507796 | 95.50000 | RoHS exemption :7(a) |
| 15 | | Tin | 7440-31-5 | 0.220006 | 2.00000 | |
| 16 | | Silver | 7440-22-4 | 0.275008 | 2.50000 | |
| 17 | Bonding wire | Aluminum | 7429-90-5 | 2.299974 | 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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