



List of Component

No. PN000229 Rev.A

Date 2020/08/23

| | |
|--------------|-------------|
| Item | Transistor |
| Part No. | RF4E080GNTR |
| Product mass | 7.0602 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 | 3.288214 | 93.70000 | |
| 2 | | Epoxy resin | - | 0.105279 | 3.00000 | |
| 3 | | Phenol-formaldehyde resin | - | 0.105279 | 3.00000 | |
| 4 | | CarbonBlack | 1333-86-4 | 0.010528 | 0.30000 | |
| 5 | Lead frame | Copper | 7440-50-8 | 2.762069 | 99.28000 | |
| 6 | | Tin | 7440-31-5 | 0.006955 | 0.25000 | |
| 7 | | Chromium | 7440-47-3 | 0.006955 | 0.25000 | |
| 8 | | Zinc | 7440-66-6 | 0.006120 | 0.22000 | |
| 9 | Leadframe surface treatment | Nickel | 7440-02-0 | 0.086900 | 100.00000 | |
| 10 | Leadframe surface treatment | Palladium | 7440/05/03 | 0.008000 | 100.00000 | |
| 11 | Leadframe surface treatment | Gold | 7440-57-5 | 0.001200 | 100.00000 | |
| 12 | External plating | Tin | 7440-31-5 | 0.118100 | 100.00000 | |
| 13 | Die | Silicon | 7440-21-3 | 0.370999 | 97.58000 | |
| 14 | | Nickel | 7440-02-0 | 0.004905 | 1.29000 | |
| 15 | | Silver | 7440-22-4 | 0.003003 | 0.79000 | |
| 16 | | Gold | 7440-57-5 | 0.001293 | 0.34000 | |
| 17 | Die attach (In) | Silver | 7440-22-4 | 0.044399 | 85.88000 | |
| 18 | | Epoxy resin | - | 0.006003 | 11.61000 | |
| 19 | | Phenol resin | - | 0.001298 | 2.51000 | |
| 20 | Bonding wire | Copper | 7440-50-8 | 0.122701 | 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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