



List of Component

No. PN000068 Rev.A

Date 2021/04/19

| | |
|--------------|-------------|
| Item | Transistor |
| Part No. | 2SAR522UBTL |
| Product mass | 4.4311 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 | 2.333970 | 70.99959 | |
| 2 | | Epoxy resin | 29690-82-2 | 0.328699 | 9.99906 | |
| 3 | | Epoxy resin | 85954-11-6 | 0.065740 | 1.99981 | |
| 4 | | Phenol -formal dehyde | - | 0.345186 | 10.50058 | |
| 5 | | Aluminum hydroxide | 21645-51-2 | 0.016486 | 0.50152 | |
| 6 | | CarbonBlack | 1333-86-4 | 0.197219 | 5.99944 | |
| 7 | Lead frame | Iron | 7439-89-6 | 0.494856 | 58.00000 | |
| 8 | | Nickel | 7440-02-0 | 0.358344 | 42.00000 | |
| 9 | Leadframe surface treatment | Copper | 7440-50-8 | 0.115800 | 100.00000 | |
| 10 | External plating | Tin | 7440-31-5 | 0.083800 | 100.00000 | |
| 11 | Bonding Wire | Gold | 7440-57-5 | 0.009400 | 100.00000 | |
| 12 | Capacitor element | Silicon | 7440-21-3 | 0.076802 | 94.12000 | |
| 13 | | Gold | 7440-57-5 | 0.004798 | 5.88000 | |

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.
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