



List of Component

No. PN000203 Rev.A

Date 2020/08/23

| | |
|--------------|---------------|
| Item | Diode |
| Part No. | RFN20TB4SNZC9 |
| Product mass | 1800.0001 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 | Cyclotetrasiloxane, octamethyl-, reaction products with silica | 68583-49-3 | 726.047320 | 76.24000 | |
| 2 | | Epoxy resin | 29690-82-2 | 116.087586 | 12.19000 | |
| 3 | | Phenol -formaldehyde | 9003-35-4 | 67.709884 | 7.11000 | |
| 4 | | Brominated Epoxy Resin | 40039-93-8 | 19.332001 | 2.03000 | |
| 5 | | Antimony trioxide | 1309-64-4 | 19.332001 | 2.03000 | |
| 6 | | Organic phosphorus compounds | - | 2.952180 | 0.31000 | |
| 7 | | Bismuth compounds | - | 0.857160 | 0.09000 | |
| 8 | Lead frame | Copper | 7440-50-8 | 816.016185 | 99.90000 | |
| 9 | | Iron | 7439-89-6 | 0.816840 | 0.10000 | |
| 10 | External plating | Tin | 7440-31-5 | 15.602041 | 100.00000 | |
| 11 | Die | Silicon | 7440-21-3 | 3.484620 | 99.50000 | |
| 12 | | Silver | 7440-22-4 | 0.017460 | 0.50000 | |
| 13 | Die attach (In) | Tin | 7440-31-5 | 9.913321 | 96.50000 | |
| 14 | | Antimony | 7440-36-0 | 0.359640 | 3.50000 | |
| 15 | Bonding wire | Aluminum | 7429-90-5 | 1.471861 | 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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