



# List of Component

No. PN000203 Rev.A

Date 2020/08/23

|              |               |
|--------------|---------------|
| Item         | Diode         |
| Part No.     | RB215T-40NZC9 |
| Product mass | 1800.0001 mg  |

|              |  |
|--------------|--|
| 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.
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