



## List of Component

No. PN000089 Rev.A

Date 2021/04/23

|              |                  |
|--------------|------------------|
| Item         | Diode            |
| Part No.     | MMBZ18VALYFHT116 |
| Product mass | 8.0131 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   | Bonding Wire                | Gold                  | 7440-57-5  | 0.011400  | 100.00000           |        |
| 2   | External plating            | Tin                   | 7440-31-5  | 0.177000  | 100.00000           |        |
| 3   | Leadframe surface treatment | Copper                | 7440-50-8  | 0.351200  | 100.00000           |        |
| 4   | Mold compound               | Silica                | 60676-86-0 | 3.421652  | 71.91215            |        |
| 5   |                             | Epoxy resin           | 29690-82-2 | 0.460817  | 9.68490             |        |
| 6   |                             | Epoxy resin           | 85954-11-6 | 0.092203  | 1.93780             |        |
| 7   |                             | Phenol -formal dehyde | -          | 0.276510  | 5.81135             |        |
| 8   |                             | Aluminum hydroxide    | 21645-51-2 | 0.483868  | 10.16935            |        |
| 9   |                             | CarbonBlack           | 1333-86-4  | 0.023050  | 0.48445             |        |
| 10  | Lead frame                  | Iron                  | 7439-89-6  | 1.527604  | 58.00000            |        |
| 11  |                             | Nickel                | 7440-02-0  | 1.106196  | 42.00000            |        |
| 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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