



## List of Component

No. PN000045 Rev.A

Date 2021/04/21

|              |                |
|--------------|----------------|
| Item         | Diode          |
| Part No.     | UFZVFHTE-1712B |
| Product mass | 3.4 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   | Molding                     | Silica                       | 60676-86-0 | 1.942300  | 73.49402            |        |
| 2   |                             | Epoxy resin                  | -          | 0.277400  | 10.49644            |        |
| 3   |                             | Phenol resin                 | -          | 0.132100  | 4.99849             |        |
| 4   |                             | Aluminum hydroxide           | 21645-51-2 | 0.277500  | 10.50023            |        |
| 5   |                             | Organic phosphorus compounds | -          | 0.000400  | 0.01513             |        |
| 6   |                             | CarbonBlack                  | 1333-86-4  | 0.013100  | 0.49569             |        |
| 7   | Lead frame                  | Iron                         | 7439-89-6  | 0.353800  | 58.00000            |        |
| 8   |                             | Nickel                       | 7440-02-0  | 0.256200  | 42.00000            |        |
| 9   | Leadframe surface treatment | Copper                       | 7440-50-8  | 0.089000  | 100.00000           |        |
| 10  | External plating            | Tin                          | 7440-31-5  | 0.030000  | 100.00000           |        |
| 11  | Die                         | Silicon                      | 7440-21-3  | 0.019000  | 90.47619            |        |
| 12  |                             | Gold                         | 7440-57-5  | 0.002000  | 9.52381             |        |
| 13  | Bonding wire                | Gold                         | 7440-57-5  | 0.007200  | 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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