



List of Component

No. PN000045 Rev.A

Date 2021/04/21

| | |
|--------------|-------------------|
| Item | Diode |
| Part No. | RB520VM-40FHTE-17 |
| 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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