



# List of Component

No. PN000286 Rev.A

Date 2020/08/23

|              |               |
|--------------|---------------|
| Item         | Diode         |
| Part No.     | RB081LAM-20TR |
| Product mass | 45.973 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    | Silica          | 60676-86-0 | 14.018400 | 74.25000            |                      |
| 2   |                  | Epoxy resin I   | -          | 1.774719  | 9.40000             |                      |
| 3   |                  | Epoxy resin II  | -          | 0.556958  | 2.95000             |                      |
| 4   |                  | Metal hydroxide | 21645-51-2 | 2.473278  | 13.10000            |                      |
| 5   |                  | CarbonBlack     | 1333-86-4  | 0.056639  | 0.30000             |                      |
| 6   | Lead frame       | Copper          | 7440-50-8  | 24.403052 | 97.62000            |                      |
| 7   |                  | Iron            | 7439-89-6  | 0.549957  | 2.20000             |                      |
| 8   |                  | Zinc            | 7440-66-6  | 0.037496  | 0.15000             |                      |
| 9   |                  | Phosphorus      | 7723-14-0  | 0.007498  | 0.03000             |                      |
| 10  | External plating | Tin             | 7440-31-5  | 0.610002  | 100.00000           |                      |
| 11  | Die              | Silicon         | 7440-21-3  | 0.622957  | 71.44000            |                      |
| 12  |                  | Silver          | 7440-22-4  | 0.249045  | 28.56000            |                      |
| 13  | Die attach (In)  | Lead            | 7439-92-1  | 0.573155  | 93.50000            | RoHS exemption :7(a) |
| 14  |                  | Tin             | 7440-31-5  | 0.030650  | 5.00000             |                      |
| 15  |                  | Silver          | 7440-22-4  | 0.009194  | 1.50000             |                      |

## 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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