



## List of Component

No. PN000244 Rev.A

Date 2020/08/23

|              |            |
|--------------|------------|
| Item         | Diode      |
| Part No.     | SMF9V0TFTR |
| Product mass | 10 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 | 4.573800  | 74.25000            |        |
| 2   |                  | Epoxy resin I   | -          | 0.579040  | 9.40000             |        |
| 3   |                  | Epoxy resin II  | -          | 0.181720  | 2.95000             |        |
| 4   |                  | Metal hydroxide | 21645-51-2 | 0.806960  | 13.10000            |        |
| 5   |                  | CarbonBlack     | 1333-86-4  | 0.018480  | 0.30000             |        |
| 6   | Lead frame       | Copper          | 7440-50-8  | 2.801682  | 99.28000            |        |
| 7   |                  | Tin             | 7440-31-5  | 0.007055  | 0.25000             |        |
| 8   |                  | Chromium        | 7440-47-3  | 0.007055  | 0.25000             |        |
| 9   |                  | Zinc            | 7440-66-6  | 0.006208  | 0.22000             |        |
| 10  | External plating | Tin             | 7440-31-5  | 0.084000  | 100.00000           |        |
| 11  | Die              | Silicon         | 7440-21-3  | 0.494981  | 81.68000            |        |
| 12  |                  | Silver          | 7440-22-4  | 0.111019  | 18.32000            |        |
| 13  | Die attach (In)  | Lead            | 7439-92-1  | 0.306680  | 93.50000            |        |
| 14  |                  | Tin             | 7440-31-5  | 0.016400  | 5.00000             |        |
| 15  |                  | Silver          | 7440-22-4  | 0.004920  | 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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