



# List of Component

No. PN000167 Rev.A

Date 2020/08/23

|              |              |
|--------------|--------------|
| Item         | Diode        |
| Part No.     | RSA30LDDTE25 |
| Product mass | 69 mg        |

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|--------------|--|
| 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                                | 14808-60-7 | 17.864266 | 72.97000            |                      |
| 2   |                  | Epoxy resin                           | 29690-82-2 | 3.006351  | 12.28000            |                      |
| 3   |                  | Phenol -formaldehyde                  | 9003-35-4  | 2.692980  | 11.00000            |                      |
| 4   |                  | Brominated epoxy resin                | 68541-56-0 | 0.580214  | 2.37000             |                      |
| 5   |                  | Antimony trioxide                     | 1309-64-4  | 0.232578  | 0.95000             |                      |
| 6   |                  | Azo compounds                         | -          | 0.097925  | 0.40000             | Not created amine.   |
| 7   |                  | Chromium compounds without hexavalent | -          | 0.007342  | 0.03000             |                      |
| 8   | Lead frame       | Copper                                | 7440-50-8  | 41.358600 | 99.90000            |                      |
| 9   |                  | Iron                                  | 7439-89-6  | 0.041400  | 0.10000             |                      |
| 10  | External plating | Tin                                   | 7440-31-5  | 1.997550  | 96.50000            |                      |
| 11  |                  | Silver                                | 7440-22-4  | 0.062100  | 3.00000             |                      |
| 12  |                  | Copper                                | 7440-50-8  | 0.010350  | 0.50000             |                      |
| 13  | Die              | Silicon                               | 7440-21-3  | 0.009536  | 71.44000            |                      |
| 14  |                  | Silver                                | 7440-22-4  | 0.003809  | 28.56000            |                      |
| 15  | Die attach (In)  | Lead                                  | 7439-92-1  | 0.967725  | 93.50000            | RoHS exemption :7(a) |
| 16  |                  | Tin                                   | 7440-31-5  | 0.051750  | 5.00000             |                      |
| 17  |                  | Silver                                | 7440-22-4  | 0.015524  | 1.50000             |                      |

## Remarks

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