



# List of Component

No. PN001541 Rev.A

Date 2021/04/24

|              |             |
|--------------|-------------|
| Item         | Diode       |
| Part No.     | FTZ4.3ET148 |
| Product mass | 14 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 | 6.084329  | 69.99919            |        |
| 2   |                             | Epoxy resin            | -          | 1.216886  | 14.00007            |        |
| 3   |                             | Hardener               | -          | 0.869190  | 9.99988             |        |
| 4   |                             | Brominated epoxy resin | -          | 0.347696  | 4.00018             |        |
| 5   |                             | Antimony trioxide      | 1309-64-4  | 0.130399  | 1.50021             |        |
| 6   |                             | CarbonBlack            | 1333-86-4  | 0.043501  | 0.50047             |        |
| 7   | Lead frame                  | Iron                   | 7439-89-6  | 2.494300  | 58.00023            |        |
| 8   |                             | Nickel                 | 7440-02-0  | 1.806200  | 41.99977            |        |
| 9   | Leadframe surface treatment | Copper                 | 7440-50-8  | 0.573500  | 100.00000           |        |
| 10  | External plating            | Tin                    | 7440-31-5  | 0.292401  | 96.50165            |        |
| 11  |                             | Silver                 | 7440-22-4  | 0.009100  | 3.00330             |        |
| 12  |                             | Copper                 | 7440-50-8  | 0.001499  | 0.49505             |        |
| 13  | Die                         | Silicon                | 7440-21-3  | 0.089200  | 93.89474            |        |
| 14  |                             | Gold                   | 7440-57-5  | 0.005800  | 6.10526             |        |
| 15  | Bonding wire                | Gold                   | 7440-57-5  | 0.035999  | 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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