



# List of Component

No. PN001494 Rev.A

Date 2021/04/20

|              |             |
|--------------|-------------|
| Item         | Transistor  |
| Part No.     | DTD543EMT2L |
| Product mass | 1.3 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   | Lead frame                  | Iron                   | 7439-89-6  | 0.307800  | 57.99887            |        |
| 2   |                             | Nickel                 | 7440-02-0  | 0.222900  | 42.00113            |        |
| 3   | Leadframe surface treatment | Copper                 | 7440-50-8  | 0.070800  | 100.00000           |        |
| 4   | External surface coating    | Tin                    | 7440-31-5  | 0.031700  | 98.14241            |        |
| 5   |                             | Copper                 | 7440-50-8  | 0.000600  | 1.85759             |        |
| 6   | Mold compound               | Silica                 | 60676-86-0 | 0.436500  | 69.99679            |        |
| 7   |                             | Epoxy resin            | -          | 0.099800  | 16.00385            |        |
| 8   |                             | Hardener               | -          | 0.056100  | 8.99615             |        |
| 9   |                             | Brominated epoxy resin | -          | 0.018700  | 2.99872             |        |
| 10  |                             | Antimony trioxide      | 1309-64-4  | 0.009400  | 1.50738             |        |
| 11  |                             | CarbonBlack            | 1333-86-4  | 0.003100  | 0.49711             |        |
| 12  | Die                         | Silicon                | 7440-21-3  | 0.032000  | 86.48649            |        |
| 13  |                             | Gold                   | 7440-57-5  | 0.005000  | 13.51351            |        |
| 14  | Bonding wire                | Gold                   | 7440-57-5  | 0.005600  | 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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