



# List of Component

No. PN001497 Rev.A

Date 2021/04/15

|              |            |
|--------------|------------|
| Item         | Transistor |
| Part No.     | EMA5T2R    |
| Product mass | 2.55 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   | Die                         | Silicon                | 7440-21-3  | 0.064000  | 86.48649            |        |
| 2   |                             | Gold                   | 7440-57-5  | 0.010000  | 13.51351            |        |
| 3   | Leadframe surface treatment | Copper                 | 7440-50-8  | 0.139800  | 100.00000           |        |
| 4   | External plating            | Tin                    | 7440-31-5  | 0.048300  | 97.97160            |        |
| 5   |                             | Copper                 | 7440-50-8  | 0.001000  | 2.02840             |        |
| 6   | Bonding wire                | Gold                   | 7440-57-5  | 0.014300  | 100.00000           |        |
| 7   | Lead frame                  | Iron                   | 7439-89-6  | 0.608000  | 58.00420            |        |
| 8   |                             | Nickel                 | 7440-02-0  | 0.440200  | 41.99580            |        |
| 9   | Mold compound               | Silica                 | 60676-86-0 | 0.857100  | 70.00163            |        |
| 10  |                             | Antimony trioxide      | 1309-64-4  | 0.018400  | 1.50278             |        |
| 11  |                             | CarbonBlack            | 1333-86-4  | 0.006100  | 0.49820             |        |
| 12  |                             | Hardener               | -          | 0.110200  | 9.00033             |        |
| 13  |                             | Brominated epoxy resin | -          | 0.036700  | 2.99739             |        |
| 14  |                             | Epoxy resin            | -          | 0.195900  | 15.99967            |        |

## 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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