



# List of Component

No. PN000270 Rev.A

Date 2020/08/23

|              |            |
|--------------|------------|
| Item         | Transistor |
| Part No.     | QSSU34TR   |
| Product mass | 13.5 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 | 4.699611  | 82.84172            |        |
| 2   |                             | Epoxy resin                  | -          | 0.411252  | 7.24928             |        |
| 3   |                             | Phenol resin                 | -          | 0.411252  | 7.24928             |        |
| 4   |                             | Epoxy resin bromide          | -          | 0.058994  | 1.03990             |        |
| 5   |                             | Antimony trioxide            | 1309-64-4  | 0.029496  | 0.51995             |        |
| 6   |                             | Organic phosphorus compounds | -          | 0.044812  | 0.78992             |        |
| 7   |                             | Bismuth compounds            | -          | 0.017584  | 0.30995             |        |
| 8   | Lead frame                  | Copper                       | 7440-50-8  | 6.971222  | 99.90000            |        |
| 9   |                             | Iron                         | 7439-89-6  | 0.006978  | 0.10000             |        |
| 10  | Leadframe surface treatment | Silver                       | 7440-22-4  | 0.125800  | 100.00000           |        |
| 11  | External plating            | Tin                          | 7440-31-5  | 0.191071  | 96.50000            |        |
| 12  |                             | Silver                       | 7440-22-4  | 0.005940  | 3.00000             |        |
| 13  |                             | Copper                       | 7440-50-8  | 0.000990  | 0.50000             |        |
| 14  | Die                         | Silicon                      | 7440-21-3  | 0.350784  | 97.44000            |        |
| 15  |                             | Nickel                       | 7440-02-0  | 0.005112  | 1.42000             |        |
| 16  |                             | Silver                       | 7440-22-4  | 0.003096  | 0.86000             |        |
| 17  |                             | Gold                         | 7440-57-5  | 0.001008  | 0.28000             |        |
| 18  | Die attach (In)             | Silver                       | 7440-22-4  | 0.035154  | 83.70000            |        |
| 19  |                             | Epoxy resin                  | 9003-36-5  | 0.006846  | 16.30000            |        |
| 20  | Bonding wire                | Gold                         | 7440-57-5  | 0.122998  | 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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