



List of Component

No. PN000207 Rev.A

Date 2020/08/23

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| Item | Transistor |
| Part No. | 2SAR542PT100 |
| Product mass | 55 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 | 18.255402 | 72.88458 | |
| 2 | | Epoxy resin | 29690-82-2 | 3.802898 | 15.18304 | |
| 3 | | Phenol -formal dehyde | 9003-35-4 | 1.901449 | 7.59152 | |
| 4 | | Epoxy resin bromide | - | 0.506050 | 2.02040 | |
| 5 | | Antimony trioxide | 1309-64-4 | 0.506050 | 2.02040 | |
| 6 | | Organic phosphorus compounds | - | 0.075158 | 0.30006 | |
| 7 | Lead frame | Copper | 7440-50-8 | 27.302258 | 97.70000 | |
| 8 | | Iron | 7439-89-6 | 0.642736 | 2.30000 | |
| 9 | Leadframe surface treatment | Silver | 7440-22-4 | 0.239998 | 100.00000 | |
| 10 | External plating | Tin | 7440-31-5 | 0.748720 | 98.00000 | |
| 11 | | Copper | 7440-50-8 | 0.015279 | 2.00000 | |
| 12 | Die | Silicon | 7440-21-3 | 0.632880 | 98.58000 | |
| 13 | | Nickel | 7440-02-0 | 0.005071 | 0.79000 | |
| 14 | | Silver | 7440-22-4 | 0.003020 | 0.47000 | |
| 15 | | Gold | 7440-57-5 | 0.001028 | 0.16000 | |
| 16 | Die attach (In) | Lead | 7439-92-1 | 0.297957 | 95.50000 | RoHS exemption :7(a) |
| 17 | | Tin | 7440-31-5 | 0.006242 | 2.00000 | |
| 18 | | Silver | 7440-22-4 | 0.007799 | 2.50000 | |
| 19 | Bonding wire | Gold | 7440-57-5 | 0.050005 | 100.00000 | |

Remarks

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