



List of Component

No. PN001295 Rev.A

Date 2020/09/08

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| Item | Discrete |
| Part No. | SCT3105KLG11 |
| Product mass | 6432.3932 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 | 60676-86-0 | 1,753.065789 | 87.15000 | |
| 2 | | CarbonBlack | 1333-86-4 | 7.040254 | 0.35000 | |
| 3 | | Epoxy resin | - | 150.865993 | 7.50000 | |
| 4 | | Phenol resin | - | 100.577543 | 5.00000 | |
| 5 | Leadframe surface treatment | Nickel | 7440-02-0 | 6.137146 | 100.00000 | |
| 6 | Lead frame | Copper | 7440-50-8 | 4,266.345254 | 99.87000 | |
| 7 | | Iron | 7439-89-6 | 4.271752 | 0.10000 | |
| 8 | | Phosphorus | 7723-14-0 | 1.281333 | 0.03000 | |
| 9 | External plating | Tin | 7440-31-5 | 25.618936 | 100.00000 | |
| 10 | Die | Silicon carbide | 409-21-2 | 11.111959 | 98.66013 | |
| 11 | | Nickel | 7440-02-0 | 0.013508 | 0.12000 | |
| 12 | | Silver | 7440-22-4 | 0.074616 | 0.65993 | |
| 13 | | Gold | 7440-57-5 | 0.019297 | 0.16998 | |
| 14 | | Titanium | 7440-32-6 | 0.043740 | 0.38996 | |
| 15 | Die attach | Lead | 7439-92-1 | 14.593170 | 95.50000 | RoHS exemption :7(a) |
| 16 | | Tin | 7440-31-5 | 0.305539 | 2.00000 | |
| 17 | | Silver | 7440-22-4 | 0.382084 | 2.50000 | |
| 18 | Bonding wire | Aluminum | 7429-90-5 | 90.645287 | 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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