



# List of Component

No. PN001295 Rev.A

Date 2020/09/08

|              |                |
|--------------|----------------|
| Item         | Discrete       |
| Part No.     | SCT3080KLHRC11 |
| Product mass | 6432.3932 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 | 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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