

# Material Content Data Sheet

RoHS | Halogen-Free

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|---|---|---|---|
| **Sales Product Name** | SAK-TC267D-40F200N BC | **Issued** | 12. September 2019 |
| **MA#** | MA005401432 | | |
| **Package** | PG-LFBGA-292-6 | **Weight*** | 933.74 mg |

| Construction Element | Material Group | Substances | CAS# if applicable | Weight [mg] | Average Mass [%] | Sum [%] | Average Mass [ppm] | Sum [ppm] |
|---|---|---|---|---|---|---|---|---|
| chip | inorganic material | silicon | 7440-21-3 | 17.078 | 1.83 | 1.83 | 18290 | 18290 |
| wire | noble metal | palladium | 7440-05-3 | 0.014 | 0.00 | | 15 | |
| | non noble metal | copper | 7440-50-8 | 1.407 | 0.15 | 0.15 | 1507 | 1522 |
| encapsulation | organic material | carbon black | 1333-86-4 | 0.718 | 0.08 | | 769 | |
| | plastics | epoxy resin | - | 49.534 | 5.30 | | 53048 | |
| | inorganic material | silicondioxide | 60676-86-0 | 308.688 | 33.09 | 38.47 | 330592 | 384409 |
| substrate | plastics | epoxy resin | - | 6.479 | 0.69 | | 6939 | |
| | inorganic material | bariumsulfate | 7727-43-7 | 9.942 | 1.06 | | 10647 | |
| | plastics | acrylic resin | - | 11.506 | 1.23 | | 12322 | |
| | inorganic material | aluminiumhydroxide | 21645-51-2 | 53.265 | 5.70 | | 57045 | |
| | plastics | epoxy bismaleimide triazine resin | - | 61.156 | 6.55 | | 65496 | |
| | inorganic material | glass fibre | - | 82.857 | 8.87 | | 88736 | |
| | non noble metal | copper | 7440-50-8 | 196.577 | 21.05 | 45.15 | 210526 | 451711 |
| plating | noble metal | gold | 7440-57-5 | 1.106 | 0.12 | | 1184 | |
| | non noble metal | nickel | 7440-02-0 | 3.027 | 0.32 | 0.44 | 3242 | 4426 |
| solderball | noble metal | silver | 7440-22-4 | 4.457 | 0.48 | | 4774 | |
| | non noble metal | tin | 7440-31-5 | 122.898 | 13.16 | 13.64 | 131619 | 136393 |
| glue | plastics | epoxy resin | - | 0.758 | 0.08 | | 812 | |
| | noble metal | silver | 7440-22-4 | 2.275 | 0.24 | 0.32 | 2437 | 3249 |
| *deviation | < 10% | | | | Sum in total: | 100.00 | | 1000000 |

**Important Remarks:**

1. Infineon Technologies AG provides full material declaration based on information provided by third parties and has taken and continues to take reasonable steps to provide representative and accurate information.
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This product is in compliance with EU Directive 2015/863/EU amending Annex II to EU Directive 2011/65/EU (RoHS) and does not use any exemption



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