

# Material Content Data Sheet

RoHS | Halogen-Free

| | | | |
|---|---|---|---|
| **Sales Product Name** | BAR 63-02L E6327 | **Issued** | 4. July 2019 |
| **MA#** | MA005337300 | | |
| **Package** | PG-TSLP-2-1 | **Weight*** | 0.52 mg |

| Construction Element | Material Group | Substances | CAS# if applicable | Weight [mg] | Average Mass [%] | Sum [%] | Average Mass [ppm] | Sum [ppm] |
|---|---|---|---|---|---|---|---|---|
| chip | non noble metal | tin | 7440-31-5 | 0.001 | 0.10 | | 1040 | |
| | noble metal | gold | 7440-57-5 | 0.002 | 0.40 | | 4037 | |
| | inorganic material | silicon | 7440-21-3 | 0.026 | 4.93 | 5.43 | 49275 | 54352 |
| leadframe | non noble metal | nickel | 7440-02-0 | 0.100 | 19.31 | 19.31 | 193135 | 193135 |
| wire | noble metal | gold | 7440-57-5 | 0.006 | 1.12 | 1.12 | 11166 | 11166 |
| encapsulation | inorganic material | antimonytrioxide | 1309-64-4 | 0.000 | 0.03 | | 349 | |
| | organic material | carbon black | 1333-86-4 | 0.004 | 0.70 | | 6985 | |
| | plastics | epoxy resin | - | 0.049 | 9.43 | | 94284 | |
| | inorganic material | silicondioxide | 60676-86-0 | 0.310 | 59.68 | 69.84 | 596781 | 698399 |
| leadfinish | noble metal | gold | 7440-57-5 | 0.010 | 1.86 | 1.86 | 18584 | 18584 |
| plating | noble metal | palladium | 7440-05-3 | 0.003 | 0.58 | | 5780 | |
| | noble metal | gold | 7440-57-5 | 0.010 | 1.86 | 2.44 | 18584 | 24364 |
| *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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