

# Material Content Data Sheet

RoHS | Halogen-Free

| | | | |
|---|---|---|---|
| **Sales Product Name** | TLE7250G | **Issued** | 18. August 2021 |
| **MA#** | MA001726294 | | |
| **Package** | PG-DSO-8-64 | **Weight*** | 82.09 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 | 2.624 | 3.20 | 3.20 | 31970 | 31970 |
| leadframe | inorganic material | phosphorus | 7723-14-0 | 0.009 | 0.01 | | 106 | |
| | non noble metal | zinc | 7440-66-6 | 0.035 | 0.04 | | 424 | |
| | non noble metal | iron | 7439-89-6 | 0.696 | 0.85 | | 8475 | |
| | non noble metal | copper | 7440-50-8 | 28.249 | 34.41 | 35.31 | 344127 | 353132 |
| wire | noble metal | palladium | 7440-05-3 | 0.001 | | | 10 | |
| | non noble metal | copper | 7440-50-8 | 0.079 | 0.10 | 0.10 | 966 | 976 |
| encapsulation | organic material | carbon black | 1333-86-4 | 0.141 | 0.17 | | 1716 | |
| | plastics | epoxy resin | - | 5.494 | 6.69 | | 66932 | |
| | inorganic material | silicondioxide | 60676-86-0 | 41.324 | 50.35 | 57.21 | 503419 | 572067 |
| leadfinish | noble metal | palladium | 7440-05-3 | 0.014 | 0.02 | | 165 | |
| | noble metal | gold | 7440-57-5 | 0.022 | 0.03 | | 266 | |
| | non noble metal | nickel | 7440-02-0 | 0.477 | 0.58 | 0.63 | 5816 | 6247 |
| plating | noble metal | palladium | 7440-05-3 | 0.038 | 0.05 | | 461 | |
| | noble metal | gold | 7440-57-5 | 0.061 | 0.07 | | 741 | |
| | non noble metal | nickel | 7440-02-0 | 1.333 | 1.62 | 1.74 | 16234 | 17436 |
| glue | plastics | epoxy resin | - | 0.373 | 0.45 | | 4543 | |
| | noble metal | silver | 7440-22-4 | 1.119 | 1.36 | 1.81 | 13629 | 18172 |
| *deviation | < 10% | | | | Sum in total: | 100.00 | | 1000000 |

**Important Remarks:**

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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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| Company | Infineon Technologies AG |
| Address | 81726 Neubiberg |
| Internet | www.infineon.com |