



Material Content Data Sheet



| Sales Product Name | | TLE4263GM | | Issued | | 1. August 2018 | | |
|---------------------------|--------------------|----------------|--------------------|----------------|------------------|----------------|--------------------|-----------|
| MA# | | MA001674306 | | | | | | |
| Package | | PG-DSO-14-61 | | Weight* | | 142.30 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 | 1.751 | 1.23 | 1.23 | 12307 | 12307 |
| leadframe | inorganic material | phosphorus | 7723-14-0 | 0.015 | 0.01 | | 108 | |
| | non noble metal | zinc | 7440-66-6 | 0.061 | 0.04 | | 432 | |
| | non noble metal | iron | 7439-89-6 | 1.229 | 0.86 | | 8636 | |
| wire | non noble metal | copper | 7440-50-8 | 49.897 | 35.06 | 35.97 | 350648 | 359824 |
| | noble metal | palladium | 7440-05-3 | 0.001 | 0.00 | | 8 | |
| | non noble metal | copper | 7440-50-8 | 0.116 | 0.08 | 0.08 | 815 | 823 |
| encapsulation | organic material | carbon black | 1333-86-4 | 0.256 | 0.18 | | 1798 | |
| | plastics | epoxy resin | - | 9.977 | 7.01 | | 70115 | |
| | inorganic material | silicondioxide | 60676-86-0 | 75.042 | 52.75 | 59.94 | 527359 | 599272 |
| leadfinish | noble metal | palladium | 7440-05-3 | 0.020 | 0.01 | | 144 | |
| | noble metal | gold | 7440-57-5 | 0.033 | 0.02 | | 231 | |
| | non noble metal | nickel | 7440-02-0 | 0.719 | 0.51 | 0.54 | 5055 | 5430 |
| plating | noble metal | palladium | 7440-05-3 | 0.066 | 0.05 | | 467 | |
| | noble metal | gold | 7440-57-5 | 0.107 | 0.08 | | 750 | |
| | non noble metal | nickel | 7440-02-0 | 2.338 | 1.64 | 1.77 | 16430 | 17647 |
| glue | plastics | epoxy resin | - | 0.167 | 0.12 | | 1174 | |
| | noble metal | silver | 7440-22-4 | 0.501 | 0.35 | 0.47 | 3523 | 4697 |
| *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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