



Material Content Data Sheet



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|----------------------|--------------------|----------------|-----------------------|----------------|------------------------|-----------------|--------------------------|--------------|
| Sales Product Name | TLE4206G | | | Issued | | 28. August 2013 | | |
| MA# | MA000982390 | | | | | | | |
| Package | PG-DSO-14-22 | | | Weight* | | 142.96 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 | 3.173 | 2.22 | 2.22 | 22196 | 22196 |
| leadframe | inorganic material | phosphorus | 7723-14-0 | 0.015 | 0.01 | | 106 | |
| | non noble metal | zinc | 7440-66-6 | 0.060 | 0.04 | | 422 | |
| | non noble metal | iron | 7439-89-6 | 1.207 | 0.84 | | 8442 | |
| | non noble metal | copper | 7440-50-8 | 49.007 | 34.28 | 35.17 | 342795 | 351765 |
| wire | noble metal | gold | 7440-57-5 | 0.237 | 0.17 | 0.17 | 1658 | 1658 |
| encapsulation | organic material | carbon black | 1333-86-4 | 0.172 | 0.12 | | 1206 | |
| | plastics | epoxy resin | - | 7.928 | 5.55 | | 55454 | |
| | inorganic material | silicondioxide | 60676-86-0 | 78.072 | 54.60 | 60.27 | 546098 | 602758 |
| leadfinish | non noble metal | tin | 7440-31-5 | 1.226 | 0.86 | 0.86 | 8577 | 8577 |
| plating | noble metal | silver | 7440-22-4 | 1.030 | 0.72 | 0.72 | 7203 | 7203 |
| glue | plastics | acrylic resin | - | 0.184 | 0.13 | | 1285 | |
| | noble metal | silver | 7440-22-4 | 0.652 | 0.46 | 0.59 | 4558 | 5843 |
| *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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3. All statements are based on our present knowledge, are provided 'as is' and may be subject to change at any time due to technical requirements and development without notification.

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