



Material Content Data Sheet



| Sales Product Name | | BCR 135S H6327 | | Issued | | 29. August 2013 | | |
|---------------------------|--------------------|----------------|--------------------|----------------|------------------|-----------------|--------------------|-----------|
| MA# | | MA000850778 | | | | | | |
| Package | | PG-SOT363-6-1 | | Weight* | | 6.29 mg | | |
| Construction Element | Material Group | Substances | CAS# if applicable | Weight [mg] | Average Mass [%] | Sum [%] | Average Mass [ppm] | Sum [ppm] |
| chip | non noble metal | arsenic | 7440-38-2 | 0.000 | 0.00 | | 16 | |
| | noble metal | gold | 7440-57-5 | 0.010 | 0.16 | | 1595 | |
| | inorganic material | silicon | 7440-21-3 | 0.086 | 1.36 | 1.52 | 13618 | 15229 |
| leadframe | inorganic material | silicon | 7440-21-3 | 0.001 | 0.01 | | 92 | |
| | non noble metal | titanium | 7440-32-6 | 0.003 | 0.05 | | 458 | |
| | non noble metal | chromium | 7440-47-3 | 0.009 | 0.14 | | 1375 | |
| | non noble metal | copper | 7440-50-8 | 2.869 | 45.65 | 45.85 | 456481 | 458406 |
| wire | non noble metal | copper | 7440-50-8 | 0.013 | 0.21 | 0.21 | 2057 | 2057 |
| encapsulation | organic material | carbon black | 1333-86-4 | 0.030 | 0.48 | | 4814 | |
| | plastics | epoxy resin | - | 0.651 | 10.35 | | 103510 | |
| | inorganic material | silicondioxide | 60676-86-0 | 2.345 | 37.31 | 48.14 | 373116 | 481440 |
| leadfinish | non noble metal | tin | 7440-31-5 | 0.213 | 3.39 | 3.39 | 33925 | 33925 |
| plating | noble metal | silver | 7440-22-4 | 0.056 | 0.89 | 0.89 | 8943 | 8943 |
| *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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