



Material Content Data Sheet



| Sales Product Name | | BC 847PN H6327 | | Issued | | 29. August 2013 | | |
|---------------------------|--------------------|----------------|--------------------|----------------|------------------|-----------------|--------------------|-----------|
| MA# | | MA000844300 | | | | | | |
| Package | | PG-SOT363-6-1 | | Weight* | | 6.28 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 | | 15 | |
| | noble metal | gold | 7440-57-5 | 0.009 | 0.15 | | 1459 | |
| | inorganic material | silicon | 7440-21-3 | 0.078 | 1.25 | 1.40 | 12464 | 13938 |
| leadframe | inorganic material | silicon | 7440-21-3 | 0.001 | 0.01 | | 92 | |
| | non noble metal | titanium | 7440-32-6 | 0.003 | 0.05 | | 459 | |
| | non noble metal | chromium | 7440-47-3 | 0.009 | 0.14 | | 1376 | |
| | non noble metal | copper | 7440-50-8 | 2.869 | 45.67 | 45.87 | 456785 | 458712 |
| wire | non noble metal | copper | 7440-50-8 | 0.010 | 0.17 | 0.17 | 1658 | 1658 |
| encapsulation | organic material | carbon black | 1333-86-4 | 0.030 | 0.48 | | 4828 | |
| | plastics | epoxy resin | - | 0.652 | 10.38 | | 103801 | |
| | inorganic material | silicondioxide | 60676-86-0 | 2.350 | 37.42 | 48.28 | 374167 | 482796 |
| leadfinish | non noble metal | tin | 7440-31-5 | 0.213 | 3.39 | 3.39 | 33947 | 33947 |
| plating | noble metal | silver | 7440-22-4 | 0.056 | 0.89 | 0.89 | 8949 | 8949 |
| *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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