



Material Content Data Sheet



| Sales Product Name | | BSO613SPV G | | Issued | | 29. August 2013 | | |
|---------------------------|--------------------|------------------|-----------------------|----------------|------------------------|-----------------|--------------------------|--------------|
| MA# | | MA000982364 | | | | | | |
| Package | | PG-DSO-8-6 | | Weight* | | 80.96 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 | 2.472 | 3.05 | 3.05 | 30529 | 30529 |
| leadframe | inorganic material | phosphorus | 7723-14-0 | 0.009 | 0.01 | | 115 | |
| | non noble metal | zinc | 7440-66-6 | 0.037 | 0.05 | | 458 | |
| | non noble metal | iron | 7439-89-6 | 0.742 | 0.92 | | 9160 | |
| wire | non noble metal | copper | 7440-50-8 | 30.114 | 37.20 | 38.18 | 371954 | 381687 |
| | noble metal | gold | 7440-57-5 | 0.222 | 0.27 | 0.27 | 2745 | 2745 |
| | encapsulation | organic material | carbon black | 1333-86-4 | 0.227 | 0.28 | | 2806 |
| encapsulation | inorganic material | antimonytrioxide | 1309-64-4 | 0.909 | 1.12 | | 11223 | |
| | plastics | brominated resin | - | 0.909 | 1.12 | | 11223 | |
| | plastics | epoxy resin | - | 5.225 | 6.45 | | 64534 | |
| | inorganic material | silicondioxide | 60676-86-0 | 38.164 | 47.14 | 56.11 | 471382 | 561168 |
| leadfinish | non noble metal | tin | 7440-31-5 | 0.814 | 1.01 | 1.01 | 10052 | 10052 |
| plating | noble metal | silver | 7440-22-4 | 0.541 | 0.67 | 0.67 | 6687 | 6687 |
| glue | plastics | epoxy resin | - | 0.101 | 0.12 | | 1248 | |
| | noble metal | silver | 7440-22-4 | 0.476 | 0.59 | 0.71 | 5884 | 7132 |
| *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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