



Material Content Data Sheet



| Sales Product Name | | BCR 158 E6327 | | Issued | | 29. August 2013 | | |
|---------------------------|--------------------|------------------|-----------------------|----------------|------------------------|-----------------|--------------------------|--------------|
| MA# | | MA000463086 | | | | | | |
| Package | | PG-SOT23-3-11 | | Weight* | | 8.80 mg | | |
| Construction Element | Material Group | Substances | CAS# if applicable | Weight [mg] | Average Mass [%] | Sum [%] | Average Mass [ppm] | Sum [ppm] |
| chip | noble metal | gold | 7440-57-5 | 0.005 | 0.06 | | 569 | |
| | non noble metal | arsenic | 7440-38-2 | 0.000 | 0.00 | | 6 | |
| | inorganic material | silicon | 7440-21-3 | 0.043 | 0.49 | 0.55 | 4862 | 5437 |
| leadframe | non noble metal | chromium | 7440-47-3 | 0.008 | 0.09 | | 926 | |
| | inorganic material | silicon | 7440-21-3 | 0.001 | 0.01 | | 62 | |
| | non noble metal | titanium | 7440-32-6 | 0.003 | 0.03 | | 309 | |
| | non noble metal | copper | 7440-50-8 | 2.704 | 30.72 | 30.85 | 307231 | 308528 |
| wire | noble metal | gold | 7440-57-5 | 0.011 | 0.13 | 0.13 | 1302 | 1302 |
| encapsulation | organic material | carbon black | 1333-86-4 | 0.058 | 0.66 | | 6566 | |
| | plastics | brominated resin | - | 0.087 | 0.98 | | 9849 | |
| | inorganic material | antimonytrioxide | 1309-64-4 | 0.116 | 1.31 | | 13132 | |
| | plastics | epoxy resin | - | 1.243 | 14.12 | | 141167 | |
| | inorganic material | silicondioxide | 60676-86-0 | 4.277 | 48.59 | 65.66 | 485876 | 656590 |
| leadfinish | non noble metal | tin | 7440-31-5 | 0.150 | 1.70 | 1.70 | 17001 | 17001 |
| plating | noble metal | silver | 7440-22-4 | 0.098 | 1.11 | 1.11 | 11142 | 11142 |
| *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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