



Material Content Data Sheet



| Sales Product Name | | BAV 99U E6327 | | Issued | | 29. August 2013 | | |
|---------------------------|--------------------|------------------|-----------------------|----------------|------------------------|-----------------|--------------------------|--------------|
| MA# | | MA000930126 | | | | | | |
| Package | | PG-SC74-6-2 | | Weight* | | 12.20 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 | 0.008 | 0.07 | | 663 | |
| | non noble metal | arsenic | 7440-38-2 | 0.000 | 0.00 | | 7 | |
| | inorganic material | silicon | 7440-21-3 | 0.069 | 0.57 | 0.64 | 5659 | 6329 |
| leadframe | inorganic material | silicon | 7440-21-3 | 0.001 | 0.01 | | 76 | |
| | non noble metal | titanium | 7440-32-6 | 0.005 | 0.04 | | 381 | |
| | non noble metal | chromium | 7440-47-3 | 0.014 | 0.11 | | 1143 | |
| | non noble metal | copper | 7440-50-8 | 4.627 | 37.93 | 38.09 | 379323 | 380923 |
| wire | noble metal | gold | 7440-57-5 | 0.030 | 0.24 | 0.24 | 2442 | 2442 |
| encapsulation | organic material | carbon black | 1333-86-4 | 0.056 | 0.46 | | 4612 | |
| | plastics | brominated resin | - | 0.070 | 0.58 | | 5766 | |
| | inorganic material | antimonytrioxide | 1309-64-4 | 0.141 | 1.15 | | 11531 | |
| | plastics | epoxy resin | - | 1.491 | 12.22 | | 122231 | |
| | inorganic material | silicondioxide | 60676-86-0 | 5.275 | 43.25 | 57.66 | 432417 | 576557 |
| leadfinish | non noble metal | tin | 7440-31-5 | 0.299 | 2.45 | 2.45 | 24549 | 24549 |
| plating | noble metal | silver | 7440-22-4 | 0.112 | 0.92 | 0.92 | 9200 | 9200 |
| *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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