



## Material Content Data Sheet



| Sales Product Name   | 2EDL05I06PJ        |                |                       | Issued         |                        | 29. August 2013 |                          |              |
|----------------------|--------------------|----------------|-----------------------|----------------|------------------------|-----------------|--------------------------|--------------|
| MA#                  | MA001136736        |                |                       |                |                        |                 |                          |              |
| Package              | PG-DSO-14-49       |                |                       | Weight*        |                        | 138.83 mg       |                          |              |
| Construction Element | Material Group     | Substances     | CAS#<br>if applicable | Weight<br>[mg] | Average<br>Mass<br>[%] | Sum<br>[%]      | Average<br>Mass<br>[ppm] | Sum<br>[ppm] |
| chip                 | inorganic material | silicon        | 7440-21-3             | 0.952          | 0.69                   | 0.69            | 6858                     | 6858         |
| leadframe            | inorganic material | phosphorus     | 7723-14-0             | 0.014          | 0.01                   |                 | 103                      |              |
|                      | non noble metal    | zinc           | 7440-66-6             | 0.057          | 0.04                   |                 | 414                      |              |
|                      | non noble metal    | iron           | 7439-89-6             | 1.150          | 0.83                   |                 | 8280                     |              |
|                      | non noble metal    | copper         | 7440-50-8             | 46.675         | 33.62                  | 34.50           | 336194                   | 344991       |
| wire                 | noble metal        | gold           | 7440-57-5             | 0.228          | 0.16                   | 0.16            | 1644                     | 1644         |
| encapsulation        | organic material   | carbon black   | 1333-86-4             | 0.175          | 0.13                   |                 | 1263                     |              |
|                      | plastics           | epoxy resin    | -                     | 9.470          | 6.82                   |                 | 68209                    |              |
|                      | inorganic material | silicondioxide | 60676-86-0            | 78.036         | 56.21                  | 63.16           | 562090                   | 631562       |
| leadfinish           | non noble metal    | tin            | 7440-31-5             | 1.226          | 0.88                   | 0.88            | 8832                     | 8832         |
| plating              | noble metal        | silver         | 7440-22-4             | 0.307          | 0.22                   | 0.22            | 2208                     | 2208         |
| glue                 | plastics           | acrylic resin  | -                     | 0.119          | 0.09                   |                 | 859                      |              |
|                      | noble metal        | silver         | 7440-22-4             | 0.423          | 0.30                   | 0.39            | 3046                     | 3905         |
| *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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