



Material Content Data Sheet



| Sales Product Name | | IFX21401MB | | Issued | | 29. August 2013 | | |
|---------------------------|--------------------|------------------|-----------------------|----------------|------------------------|-----------------|--------------------------|--------------|
| MA# | | MA000631778 | | | | | | |
| Package | | PG-SCT595-5-1 | | Weight* | | 13.87 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 | 0.294 | 2.12 | 2.12 | 21171 | 21171 |
| leadframe | inorganic material | silicon | 7440-21-3 | 0.001 | 0.01 | | 87 | |
| | non noble metal | titanium | 7440-32-6 | 0.006 | 0.04 | | 436 | |
| | non noble metal | chromium | 7440-47-3 | 0.018 | 0.13 | | 1308 | |
| | non noble metal | copper | 7440-50-8 | 6.019 | 43.39 | 43.57 | 434045 | 435876 |
| wire | noble metal | gold | 7440-57-5 | 0.030 | 0.22 | 0.22 | 2165 | 2165 |
| encapsulation | organic material | carbon black | 1333-86-4 | 0.055 | 0.40 | | 3983 | |
| | plastics | brominated resin | - | 0.069 | 0.50 | | 4979 | |
| | inorganic material | antimonytrioxide | 1309-64-4 | 0.138 | 1.00 | | 9959 | |
| | plastics | epoxy resin | - | 1.257 | 9.06 | | 90624 | |
| | inorganic material | silicondioxide | 60676-86-0 | 5.386 | 38.84 | 49.80 | 388389 | 497934 |
| leadfinish | non noble metal | tin | 7440-31-5 | 0.335 | 2.42 | 2.42 | 24188 | 24188 |
| plating | noble metal | silver | 7440-22-4 | 0.142 | 1.02 | 1.02 | 10204 | 10204 |
| glue | plastics | epoxy resin | - | 0.021 | 0.15 | | 1481 | |
| | noble metal | silver | 7440-22-4 | 0.097 | 0.70 | 0.85 | 6981 | 8462 |
| *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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