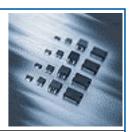
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| Material Content Data Sheet | | | | | RoHS | | Halogen-Free | | |
|-----------------------------|-------------------------|----------------|--------------------|----------------|------------------------|---------------|--------------------------|--------------|--|
| Sales Product Name | MA001411246 PG-TSNP-6-2 | | | Issued | | 31. July 2018 | | | |
| MA# | | | | | | | | | |
| Package | | | | Weight* | | 0.92 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 | 0.093 | 10.16 | 10.16 | 101581 | 101581 | |
| bumps | non noble metal | copper | 7440-50-8 | 0.003 | 0.33 | 0.33 | 3303 | 3303 | |
| leadframe | non noble metal | zinc | 7440-66-6 | 0.001 | 0.08 | | 777 | | |
| | non noble metal | tin | 7440-31-5 | 0.001 | 0.10 | | 971 | | |
| | non noble metal | chromium | 7440-47-3 | 0.001 | 0.12 | | 1166 | | |
| | non noble metal | copper | 7440-50-8 | 0.353 | 38.56 | 38.86 | 385626 | 388540 | |
| encapsulation | organic material | carbon black | 1333-86-4 | 0.002 | 0.22 | | 2240 | | |
| | plastics | epoxy resin | - | 0.060 | 6.50 | | 64954 | | |
| | inorganic material | silicondioxide | 60676-86-0 | 0.349 | 38.08 | 44.80 | 380764 | 447958 | |
| leadfinish | non noble metal | tin | 7440-31-5 | 0.037 | 4.05 | 4.05 | 40548 | 40548 | |
| plating | noble metal | silver | 7440-22-4 | 0.015 | 1.62 | 1.62 | 16200 | 16200 | |
| solder | noble metal | silver | 7440-22-4 | 0.000 | 0.00 | | 41 | | |
| | non noble metal | tin | 7440-31-5 | 0.002 | 0.18 | 0.18 | 1776 | 1817 | |
| ubm | non noble metal | tungsten | 7440-33-7 | 0.000 | 0.00 | | 7 | | |
| | non noble metal | titanium | 7440-32-6 | 0.000 | 0.00 | | 12 | | |
| | non noble metal | copper | 7440-50-8 | 0.000 | 0.00 | 0.00 | 34 | 53 | |
| *deviation | < 10% | | | 5 | Sum in total: | 100.00 | | 1000000 | |

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This product is in compliance with EU Directive 2015/863/EU amending Annex II to EU Directive 2011/65/EU (RoHS) and does not use any exemption

| Company | Infineon Technologies AG | | | |
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