

# Material Content Data Sheet

RoHS | Halogen-Free

| | | | |
|---|---|---|---|
| **Sales Product Name** | 2EDN7534R | **Issued** | 09. February 2022 |
| **MA#** | MA005563704 | | |
| **Package** | PG-TSSOP-8-2 | **Weight*** | 25.63 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 | 0.729 | 2.85 | 2.85 | 28466 | 28466 |
| leadframe | non noble metal | magnesium | 7439-95-4 | 0.016 | 0.06 | | 629 | |
| | inorganic material | silicon | 7440-21-3 | 0.070 | 0.27 | | 2726 | |
| | non noble metal | nickel | 7440-02-0 | 0.322 | 1.26 | | 12581 | |
| | non noble metal | copper | 7440-50-8 | 10.337 | 40.34 | 41.93 | 403417 | 419353 |
| wires | noble metal | palladium | 7440-05-3 | 0.001 | | | 30 | |
| | non noble metal | copper | 7440-50-8 | 0.076 | 0.30 | 0.30 | 2977 | 3007 |
| encapsulation | organic material | carbon black | 1333-86-4 | 0.039 | 0.15 | | 1507 | |
| | plastics | epoxy resin | - | 1.248 | 4.87 | | 48720 | |
| | inorganic material | silicondioxide | 60676-86-0 | 11.583 | 45.21 | 50.23 | 452038 | 502265 |
| leadfinish | noble metal | silver | 7440-22-4 | 0.000 | | | 7 | |
| | noble metal | palladium | 7440-05-3 | 0.000 | | | 8 | |
| | noble metal | gold | 7440-57-5 | 0.000 | | | 13 | |
| | non noble metal | nickel | 7440-02-0 | 0.348 | 1.36 | 1.36 | 13574 | 13602 |
| plating | noble metal | silver | 7440-22-4 | 0.000 | | | 6 | |
| | noble metal | palladium | 7440-05-3 | 0.000 | | | 7 | |
| | noble metal | gold | 7440-57-5 | 0.000 | | | 12 | |
| | non noble metal | nickel | 7440-02-0 | 0.302 | 1.18 | 1.18 | 11781 | 11806 |
| glue | plastics | acrylic resin | - | 0.110 | 0.43 | | 4300 | |
| | noble metal | silver | 7440-22-4 | 0.441 | 1.72 | 2.15 | 17201 | 21501 |
| *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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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.



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