



Material Content Data Sheet



Halogen-Free

Sales Product Name TLE9262BQX V33

Issued

03. June 2021

MA# MA001687248

Package PG-VQFN-48-31

Weight*

129.39 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 | 2.471 | 1.91 | 1.91 | 19101 | 19101 |
| leadframe | inorganic material | phosphorus | 7723-14-0 | 0.018 | 0.01 | | 138 | |
| | non noble metal | zinc | 7440-66-6 | 0.072 | 0.06 | | 554 | |
| | non noble metal | iron | 7439-89-6 | 1.433 | 1.11 | | 11077 | |
| | non noble metal | copper | 7440-50-8 | 58.193 | 44.97 | 46.15 | 449766 | 461535 |
| wire | non noble metal | copper | 7440-50-8 | 0.545 | 0.42 | 0.42 | 4214 | 4214 |
| encapsulation | organic material | carbon black | 1333-86-4 | 0.188 | 0.15 | | 1453 | |
| | plastics | epoxy resin | - | 7.958 | 6.15 | | 61509 | |
| | inorganic material | silicondioxide | 60676-86-0 | 54.517 | 42.14 | 48.44 | 421358 | 484320 |
| leadfinish | non noble metal | tin | 7440-31-5 | 2.596 | 2.01 | 2.01 | 20067 | 20067 |
| plating | noble metal | silver | 7440-22-4 | 0.614 | 0.47 | 0.47 | 4744 | 4744 |
| glue | plastics | epoxy resin | - | 0.179 | 0.14 | | 1384 | |
| | noble metal | silver | 7440-22-4 | 0.600 | 0.46 | 0.60 | 4635 | 6019 |
| *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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