



Material Content Data Sheet



Sales Product Name ESD239-B1-W0201 E6327

Issued

24. January 2018

MA# MA001643798

Package SG-WLL-2-3

Weight*

0.07 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 | 0.063 | 95.82 | 95.82 | 958235 | 958235 |
| pad | inorganic material | phosphorus | 7723-14-0 | 0.000 | 0.07 | | 685 | |
| | noble metal | gold | 7440-57-5 | 0.000 | 0.07 | | 716 | |
| | noble metal | palladium | 7440-05-3 | 0.000 | 0.45 | | 4478 | |
| | non noble metal | nickel | 7440-02-0 | 0.002 | 3.28 | 3.87 | 32809 | 38688 |
| passivation | inorganic material | SiO2 | 60676-86-0 | 0.000 | 0.10 | | 960 | |
| | inorganic material | siliciumnitride | 12033-89-5 | 0.000 | 0.21 | 0.31 | 2117 | 3077 |
| *deviation | < 10% | | | | Sum in total: | 100.00 | | 1000000 |

Important Remarks:

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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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| Company | Infineon Technologies AG |
| Address | 81726 München |
| Internet | www.infineon.com |