



Material Content Data Sheet



Halogen-Free

Sales Product Name ESD230-B1-W0201 E6327

Issued

17. February 2022

MA# MA005699353

Package SG-WLL-2-1

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 | 93.83 | 93.83 | 938269 | 938269 |
| pad | inorganic material | silicon | 7440-21-3 | 0.000 | | | 15 | |
| | non noble metal | copper | 7440-50-8 | 0.000 | | | 30 | |
| | inorganic material | phosphorus | 7723-14-0 | 0.000 | 0.08 | | 850 | |
| | non noble metal | aluminium | 7429-90-5 | 0.000 | 0.34 | | 3415 | |
| | noble metal | palladium | 7440-05-3 | 0.000 | 0.56 | | 5578 | |
| | noble metal | gold | 7440-57-5 | 0.001 | 0.90 | | 8979 | |
| | non noble metal | nickel | 7440-02-0 | 0.003 | 4.10 | 5.98 | 40955 | 59822 |
| passivation | inorganic material | silicon dioxide | 60676-86-0 | 0.000 | 0.07 | | 686 | |
| | inorganic material | silicon nitride | 12033-89-5 | 0.000 | 0.12 | 0.19 | 1223 | 1909 |
| *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.

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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