

**IDK04G65C5XTMA1 Information**


For Reference Only

**Part Number** [IDK04G65C5XTMA1](#)  
**Manufacturer** Infineon Technologies  
**Category** Discrete Semiconductor Products  
[Diodes - Rectifiers - Single](#)  
**Description** DIODE SCHOTTKY 650V 4A TO263-2  
**Package** TO-263-3, D2Pak (2 Leads + Tab), TO-263AB  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)


[Request a Quote](#)
**Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.


**IDK04G65C5XTMA1 Specifications**

|                                   |   |
|-----------------------------------|---|
| Manufacturer Part Number          | <a href="#">IDK04G65C5XTMA1</a>   |
| Manufacturer                      | Infineon Technologies   |
| Category                          | Discrete Semiconductor Products<br><a href="#">Diodes - Rectifiers - Single</a> |
| Package                           | TO-263-3, D2Pak (2 Leads + Tab), TO-263AB                                       |
| Series                            | thinQ!?   |
| Diode Type                        | Silicon Carbide Schottky  |
| Voltage - DC Reverse (Vr) (Max)   | 650V  |
| Current - Average Rectified (Io)  | 4A (DC)   |
| Voltage - Forward (Vf) (Max) @ If | 1.8V @ 4A   |
| Speed                             | No Recovery Time > 500mA (Io)   |
| Reverse Recovery Time (trr)       | 0ns   |
| Current - Reverse Leakage @ Vr    | 670µA @ 650V  |
| Capacitance @ Vr, F               | 130pF @ 1V, 1MHz  |
| Mounting Type                     | Surface Mount   |
| Package / Case                    | TO-263-3, D2Pak (2 Leads + Tab), TO-263AB                                       |
| Supplier Device Package           | PG-TO263-2  |
| Operating Temperature - Junction  | -55°C ~ 175°C   |

[Report errors?](#)

## IDK04G65C5XTMA1 Guarantees



### Quality Guarantees

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



### Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

## IDK04G65C5XTMA1 Payment Methods



## IDK04G65C5XTMA1 Shipping Methods



If you have any question about IDK04G65C5XTMA1, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)