

**IDK05G65C5XTMA1 Information**


For Reference Only

**Part Number** [IDK05G65C5XTMA1](#)  
**Manufacturer** Infineon Technologies  
**Category** Discrete Semiconductor Products  
     [Diodes - Rectifiers - Single](#)  
**Description** DIODE SCHOTTKY 650V 5A 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.


**IDK05G65C5XTMA1 Specifications**

Manufacturer Part Number	<a href="#">IDK05G65C5XTMA1</a>
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products <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)	5A (DC)
Voltage - Forward (Vf) (Max) @ If	1.8V @ 5A
Speed	No Recovery Time > 500mA (Io)
Reverse Recovery Time (trr)	0ns
Current - Reverse Leakage @ Vr	830µA @ 650V
Capacitance @ Vr, F	160pF @ 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?](#)

## IDK05G65C5XTMA1 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.

## IDK05G65C5XTMA1 Payment Methods



## IDK05G65C5XTMA1 Shipping Methods



If you have any question about IDK05G65C5XTMA1, please do not hesitate to contact us!

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

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