

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


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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	IDK05G65C5XTMA1
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products Diodes - Rectifiers - Single
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!

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