

IKD03N60RFAATMA1 Information


For Reference Only

Part Number [IKD03N60RFAATMA1](#)
Manufacturer Infineon Technologies
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description IGBT 600V 5A 53.6W TO252-3
Package TO-252-3, DPak (2 Leads + Tab), SC-63
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: 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.


IKD03N60RFAATMA1 Specifications

Manufacturer Part Number	IKD03N60RFAATMA1
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products Transistors - IGBTs - Single
Package	TO-252-3, DPak (2 Leads + Tab), SC-63
Series	Automotive, AEC-Q101, TrenchStop?
IGBT Type	Trench
Voltage - Collector Emitter Breakdown (Max)	600V
Current - Collector (Ic) (Max)	5A
Current - Collector Pulsed (Icm)	7.5A
Vce(on) (Max) @ Vge, Ic	2.5V @ 15V, 2.5A
Power - Max	53.6W
Switching Energy	50μJ (on), 40μJ (off)
Input Type	Standard
Gate Charge	17.1nC
Td (on/off) @ 25°C	10ns/128ns
Test Condition	400V, 2.5A, 68 Ohm, 15V
Reverse Recovery Time (trr)	31ns
Operating Temperature	-40°C ~ 175°C (TJ)
Mounting Type	Surface Mount
Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63
Supplier Device Package	PG-TO252-3

[Report errors?](#)

IKD03N60RFAATMA1 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.

IKD03N60RFAATMA1 Payment Methods



IKD03N60RFAATMA1 Shipping Methods



If you have any question about IKD03N60RFAATMA1, please do not hesitate to contact us!

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