IKD06N60RATMA1 Information

For Reference Only

Part Number	IKD06N60RATMA1
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products Transistors - IGBTs - Single
Description	IGBT 600V 12A 100W TO252
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.

IKD06N60RATMA1 Specifications

Manufacturer Part Number	IKD06N60RATMA1
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products
	Transistors - IGBTs - Single
Package	TO-252-3, DPak (2 Leads + Tab), SC-63
Series	TrenchStop?
IGBT Type	Trench Field Stop
Voltage - Collector Emitter Breakdown (Max)	600V
Current - Collector (Ic) (Max)	12A
Current - Collector Pulsed (Icm)	18A
Vce(on) (Max) @ Vge, Ic	2.1V @ 15V, 6A
Power - Max	100W
Switching Energy	110µJ (on), 220µJ (off)
Input Type	Standard
Gate Charge	48nC
Td (on/off) @ 25°C	12ns/127ns
Test Condition	400V, 6A, 23 Ohm, 15V
Reverse Recovery Time (trr)	68ns
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?

IKD06N60RATMA1 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.

IKD06N60RATMA1 Payment Methods

IKD06N60RATMA1 Shipping Methods

If you have any question about IKD06N60RATMA1, please do not hesitate to contact us!
Website: https://www.heisener.com
E-mail: salesdept@heisener.com