



IXGA12N100 Information



For Reference Only

Part Number IXGA12N100

Manufacturer IXYS

Category Discrete Semiconductor Products

Transistors - IGBTs - Single

Description IGBT 1000V 24A 100W TO263AA

Package TO-263-3, D2Pak (2 Leads + Tab), TO-263AB

For the pricing/inventory/lead time, please contact

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.









IXGA12N100 Specifications

Manufacturer Part Number IXGA12N100 Manufacturer IXYS Category Discrete Semiconductor Products Fansistors - IGBTs - Single Package TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Series - IGBT Type - Voltage - Collector Emitter Breakdown (Max) 1000V Current - Collector (Ic) (Max) 24A Current - Collector Pulsed (Icm) 48A Vec(on) (Max) @ Vge, Ic 3.5V @ 15V, 12A Power - Max 100W Switching Energy 2.5mJ (off) Input Type Standard Gate Charge 65nC Td (on/off) @ 25°C 100ns/850ns Test Condition 800V, 12A, 120 Ohm, 15V Reverse Recovery Time (trr) - Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Supplier Device Package TO-263 (IXGA)	•	
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Series - IGBT Type - Voltage - Collector Emitter Breakdown (Max) 1000V Current - Collector (Ic) (Max) 24A Current - Collector Pulsed (Icm) 48A Vce(on) (Max) @ Vge, Ic 3.5V @ 15V, 12A Power - Max 100W Switching Energy 2.5mJ (off) Input Type Standard Gate Charge 65nC Td (on/off) @ 25°C 100ns/850ns Test Condition 800V, 12A, 120 Ohm, 15V Reverse Recovery Time (trr) - Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Supplier Device Package TO-263 (IXGA)		Transistors - IGBTs - Single
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Power - Max Switching Energy 2.5mJ (off) Input Type Standard Gate Charge 65nC Td (on/off) @ 25°C 100ns/850ns Test Condition 800V, 12A, 120 Ohm, 15V Reverse Recovery Time (trr) Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Supplier Device Package TO-263 (IXGA)	Current - Collector Pulsed (Icm)	48A
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Td (on/off) @ 25°C 100ns/850ns Test Condition 800V, 12A, 120 Ohm, 15V Reverse Recovery Time (trr) - Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Supplier Device Package TO-263 (IXGA)	Input Type	Standard
Test Condition 800V, 12A, 120 Ohm, 15V Reverse Recovery Time (trr) - Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Supplier Device Package TO-263 (IXGA)	Gate Charge	65nC
Reverse Recovery Time (trr) Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Supplier Device Package TO-263 (IXGA)	Td (on/off) @ 25°C	100ns/850ns
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Mounting Type Surface Mount Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Supplier Device Package TO-263 (IXGA)	Reverse Recovery Time (trr)	-
Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Supplier Device Package TO-263 (IXGA)	Operating Temperature	-55°C ~ 150°C (TJ)
Supplier Device Package TO-263 (IXGA)	Mounting Type	Surface Mount
	Package / Case	TO-263-3, D2Pak (2 Leads + Tab), TO-263AB
Report errors?	Supplier Device Package	TO-263 (IXGA)
		Report errors?

IXGA12N100 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.

IXGA12N100 Payment Methods

































If you have any question about IXGA12N100, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com