



IXTY08N50D2 Information



For Reference Only

Part Number IXTY08N50D2

Manufacturer IXYS

Category Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

Description MOSFET N-CH 500V 800MA DPAK **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



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IXTY08N50D2 Specifications

Manufacturer Part Number IXTY08N50D2 Manufacturer IXYS Category Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single Package TO-252-3, DPak (2 Leads + Tab), SC-63 Series - FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 500V Current - Continuous Drain (Id) @ 25°C 800mA (Tc) Drive Voltage (Max Rds On, Min Rds On) - Vgs(th) (Max) @ Id - Gate Charge (Qg) (Max) @ Vgs 12.7nC @ 5V Input Capacitance (Ciss) (Max) @ Vds 312pF @ 25V Vgs (Max) ±20V FET Feature Depletion Mode Power Dissipation (Max) 60W (Tc) Rds On (Max) @ Id, Vgs 4.6 Ohm @ 400mA, 0V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package TO-252, (D-Pak) Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63		
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Package TO-252-3, DPak (2 Leads + Tab), SC-63 Series - FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 500V Current - Continuous Drain (Id) @ 25°C 800mA (Tc) Drive Voltage (Max Rds On, Min Rds On) - Vgs(th) (Max) @ Id - Gate Charge (Qg) (Max) @ Vgs 12.7nC @ 5V Input Capacitance (Ciss) (Max) @ Vds 312pF @ 25V Vgs (Max) ±20V FET Feature Depletion Mode Power Dissipation (Max) 60W (Tc) Rds On (Max) @ Id, Vgs 4.6 Ohm @ 400mA, 0V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package TO-252, (D-Pak) Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63	Category	Discrete Semiconductor Products
Series - N-Channel Technology MOSFET (Metal Oxide) Technology 500V Current - Continuous Drain (Id) @ 25°C 800mA (Tc) Drive Voltage (Max Rds On, Min Rds On) - Vgs(th) (Max) @ Id Gate Charge (Qg) (Max) @ Vgs 12.7nC @ 5V Input Capacitance (Ciss) (Max) @ Vds 312pF @ 25V Vgs (Max) ±20V FET Feature Depletion Mode Power Dissipation (Max) 60W (Tc) Rds On (Max) @ Id, Vgs 4.6 Ohm @ 400mA, 0V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package TO-252-, D-Pak) Package / Case Toology (Max) SCOOR)		Transistors - FETs, MOSFETs - Single
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Current - Continuous Drain (Id) @ 25°C 800mA (Tc) Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) FET Feature Depletion Mode Power Dissipation (Max) Rds On (Max) @ Id, Vgs 4.6 Ohm @ 400mA, 0V Operating Temperature Supplier Device Package TO-252, (D-Pak) Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63	Technology	MOSFET (Metal Oxide)
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Vgs(th) (Max) @ Id Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) +20V FET Feature Depletion Mode Power Dissipation (Max) 60W (Tc) Rds On (Max) @ Id, Vgs 4.6 Ohm @ 400mA, 0V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package TO-252, (D-Pak) Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63	Current - Continuous Drain (Id) @ 25°C	800mA (Tc)
Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) +20V FET Feature Depletion Mode Power Dissipation (Max) Rds On (Max) @ Id, Vgs 4.6 Ohm @ 400mA, 0V Operating Temperature Operating Temperature Surface Mount Supplier Device Package TO-252, (D-Pak) Package / Case 12.7nC @ 5V 12.7nC @ 5V 12.7nC @ 5V Surface Mount To-252-3, DPak (2 Leads + Tab), SC-63	Drive Voltage (Max Rds On, Min Rds On)	-
Input Capacitance (Ciss) (Max) @ Vds 312pF @ 25V Vgs (Max) ±20V FET Feature Depletion Mode Power Dissipation (Max) 60W (Tc) Rds On (Max) @ Id, Vgs 4.6 Ohm @ 400mA, 0V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package TO-252, (D-Pak) Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63	Vgs(th) (Max) @ Id	-
Vgs (Max)±20VFET FeatureDepletion ModePower Dissipation (Max)60W (Tc)Rds On (Max) @ Id, Vgs4.6 Ohm @ 400mA, 0VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device PackageTO-252, (D-Pak)Package / CaseTO-252-3, DPak (2 Leads + Tab), SC-63	Gate Charge (Qg) (Max) @ Vgs	12.7nC @ 5V
FET Feature Depletion Mode Power Dissipation (Max) 60W (Tc) Rds On (Max) @ Id, Vgs 4.6 Ohm @ 400mA, 0V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package TO-252, (D-Pak) Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63	Input Capacitance (Ciss) (Max) @ Vds	312pF @ 25V
Power Dissipation (Max) Rds On (Max) @ Id, Vgs 4.6 Ohm @ 400mA, 0V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount TO-252, (D-Pak) Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63	Vgs (Max)	±20V
Rds On (Max) @ Id, Vgs4.6 Ohm @ 400mA, 0VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device PackageTO-252, (D-Pak)Package / CaseTO-252-3, DPak (2 Leads + Tab), SC-63	FET Feature	Depletion Mode
Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount TO-252, (D-Pak) Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63	Power Dissipation (Max)	60W (Tc)
Mounting Type Surface Mount Supplier Device Package TO-252, (D-Pak) Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63	Rds On (Max) @ Id, Vgs	4.6 Ohm @ 400mA, 0V
Supplier Device Package TO-252, (D-Pak) Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63	Operating Temperature	-55°C ~ 150°C (TJ)
Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63	Mounting Type	Surface Mount
	Supplier Device Package	TO-252, (D-Pak)
Report errors?	Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63
		Report errors?

IXTY08N50D2 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.

IXTY08N50D2 Payment Methods





















IXTY08N50D2 Shipping Methods













If you have any question about IXTY08N50D2, please do not hesitate to contact us!

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