



IXFA14N85XHV Information



For Reference Only

Part Number IXFA14N85XHV

Manufacturer IXYS

Category Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

Description MOSFET N-CH 850V 14A TO263-3

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

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IXFA14N85XHV Specifications

Category Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single Package TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Series HiPerFET? FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 850V Current - Continuous Drain (Id) @ 25°C 14A (Tc) Drive Voltage (Max Rds On, Min Rds On) 10V Vgs(th) (Max) @ Id 5.5V @ 1mA Gate Charge (Qg) (Max) @ Vgs 30nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 1043pF @ 25V Vgs (Max) ±30V FET Feature - Power Dissipation (Max) 460W (Tc) Rds On (Max) @ Id, Vgs 550 mOhm @ 500mA, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package TO-263 (IXFA)		
Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single Package TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Series HiPerFET? FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) S50V Current - Continuous Drain (Id) @ 25°C 14A (Tc) Drive Voltage (Max Rds On, Min Rds On) 10V Vgs(th) (Max) @ Id 5.5V @ ImA Gate Charge (Qg) (Max) @ Vgs 30nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 1043pF @ 25V Vgs (Max) +30V FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs 550 mOhm @ 500mA, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package TO-263 (IXFA) Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB	Manufacturer Part Number	IXFA14N85XHV
Transistors - FETs, MOSFETs - Single	Manufacturer	IXYS
Package TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Series HiPerFET? FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 850V Current - Continuous Drain (Id) @ 25°C 14A (Tc) Drive Voltage (Max Rds On, Min Rds On) 10V Vgs(th) (Max) @ Id 5.5V @ ImA Gate Charge (Qg) (Max) @ Vgs 30nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 1043pF @ 25V Vgs (Max) FET Feature - Power Dissipation (Max) 460W (Tc) Rds On (Max) @ Id, Vgs 550 mOhm @ 500mA, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package TO-263 (IXFA) Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB	Category	Discrete Semiconductor Products
Series HiPerFET? FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 850V Current - Continuous Drain (Id) @ 25°C 14A (Tc) Drive Voltage (Max Rds On, Min Rds On) 10V Vgs(th) (Max) @ Id 5.5V @ 1mA Gate Charge (Qg) (Max) @ Vgs 30nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 1043pF @ 25V Vgs (Max) ±30V FET Feature Power Dissipation (Max) 460W (Tc) Rds On (Max) @ Id, Vgs 550 mOhm @ 500mA, 10V Operating Temperature 55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package TO-263 (IXFA) Package / Case Toology (Max) Package TO-263-3, D2Pak (2 Leads + Tab), TO-263AB		Transistors - FETs, MOSFETs - Single
FET Type Technology MOSFET (Metal Oxide) Brain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C 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 Power Dissipation (Max) Rds On (Max) @ Id, Vgs Operating Temperature Supplier Device Package TO-263 (IXFA) Package / Case N-Channel N-Ch	Package	TO-263-3, D2Pak (2 Leads + Tab), TO-263AB
Technology Drain to Source Voltage (Vdss) 850V Current - Continuous Drain (Id) @ 25°C 14A (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 - Power Dissipation (Max) Rds On (Max) @ Id, Vgs Operating Temperature - Surface Mount Supplier Device Package TO-263 (IXFA) Package / Case Max Rds On (Max) 850V 104 (Tc) 14A (Tc) 16V 16V 16V 16V 16V 16V 16V 16	Series	HiPerFET?
Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C 14A (Tc) Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id 5.5V @ 1mA Gate Charge (Qg) (Max) @ Vgs 1043pF @ 25V Vgs (Max) **ET Feature** Power Dissipation (Max) Rds On (Max) @ Id, Vgs 550 mOhm @ 500mA, 10V Operating Temperature Mounting Type Surface Mount Supplier Device Package TO-263 (IXFA) Package / Case **Case 104 (Tc) 14A (Tc) 16V 15V 16V 16V 16V 16V 16V 16V	FET Type	N-Channel
Current - Continuous Drain (Id) @ 25°C 14A (Tc) Drive Voltage (Max Rds On, Min Rds On) 10V Vgs(th) (Max) @ Id 5.5V @ 1mA Gate Charge (Qg) (Max) @ Vgs 30nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 1043pF @ 25V Vgs (Max) ±30V FET Feature - Power Dissipation (Max) 460W (Tc) Rds On (Max) @ Id, Vgs 550 mOhm @ 500mA, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package TO-263 (IXFA) Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB	Technology	MOSFET (Metal Oxide)
Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id S.5V @ 1mA Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs Sometimes Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package TO-263 (IXFA) Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB	Drain to Source Voltage (Vdss)	850V
Vgs(th) (Max) @ Id Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs Operating Temperature Found Temperature Surface Mount Supplier Device Package TO-263-3, D2Pak (2 Leads + Tab), TO-263AB	Current - Continuous Drain (Id) @ 25°C	14A (Tc)
Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs Operating Temperature Journal Type Surface Mount Supplier Device Package TO-263-3, D2Pak (2 Leads + Tab), TO-263AB	Drive Voltage (Max Rds On, Min Rds On)	10V
Input Capacitance (Ciss) (Max) @ Vds 1043pF @ 25V Vgs (Max) ET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs 550 mOhm @ 500mA, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package TO-263 (IXFA) Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB	Vgs(th) (Max) @ Id	5.5V @ 1mA
Vgs (Max) ±30V FET Feature - Power Dissipation (Max) 460W (Tc) Rds On (Max) @ Id, Vgs 550 mOhm @ 500mA, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package TO-263 (IXFA) Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB	Gate Charge (Qg) (Max) @ Vgs	30nC @ 10V
FET Feature - 460W (Tc) Rds On (Max) @ Id, Vgs 550 mOhm @ 500mA, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package TO-263 (IXFA) Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB	Input Capacitance (Ciss) (Max) @ Vds	1043pF @ 25V
Power Dissipation (Max) Rds On (Max) @ Id, Vgs 550 mOhm @ 500mA, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package TO-263 (IXFA) Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB	Vgs (Max)	±30V
Rds On (Max) @ Id, Vgs550 mOhm @ 500mA, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device PackageTO-263 (IXFA)Package / CaseTO-263-3, D2Pak (2 Leads + Tab), TO-263AB	FET Feature	-
Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount TO-263 (IXFA) Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB	Power Dissipation (Max)	460W (Tc)
Mounting Type Surface Mount Supplier Device Package TO-263 (IXFA) Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB	Rds On (Max) @ Id, Vgs	550 mOhm @ 500mA, 10V
Supplier Device Package TO-263 (IXFA) Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB	Operating Temperature	-55°C ~ 150°C (TJ)
Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB	Mounting Type	Surface Mount
	Supplier Device Package	TO-263 (IXFA)
Report errors?	Package / Case	TO-263-3, D2Pak (2 Leads + Tab), TO-263AB
		Report errors?

IXFA14N85XHV 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.

IXFA14N85XHV Payment Methods



















IXFA14N85XHV Shipping Methods













If you have any question about IXFA14N85XHV, please do not hesitate to contact us!

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