

IXFP20N85X Information


For Reference Only

Part Number [IXFP20N85X](#)
Manufacturer IXYS
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description 850V/20A ULTRA JUNCTION X-CLASS
Package TO-220-3
 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.


IXFP20N85X Specifications

Manufacturer Part Number	IXFP20N85X
Manufacturer	IXYS
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	TO-220-3
Series	HiPerFET?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (V _{dss})	850V
Current - Continuous Drain (I _d) @ 25°C	20A (T _c)
Drive Voltage (Max R _{ds} On, Min R _{ds} On)	10V
V _{gs} (th) (Max) @ I _d	5.5V @ 2.5mA
Gate Charge (Q _g) (Max) @ V _{gs}	63nC @ 10V
Input Capacitance (C _{iss}) (Max) @ V _{ds}	1660pF @ 25V
V _{gs} (Max)	±30V
FET Feature	-
Power Dissipation (Max)	540W (T _c)
R _{ds} On (Max) @ I _d , V _{gs}	330 mOhm @ 500mA, 10V
Operating Temperature	-55°C ~ 150°C (T _J)
Mounting Type	Through Hole
Supplier Device Package	TO-220AB
Package / Case	TO-220-3

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IXFP20N85X 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.

IXFP20N85X Payment Methods



IXFP20N85X Shipping Methods



If you have any question about IXFP20N85X, please do not hesitate to contact us!

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