

IXFA6N120P Information


For Reference Only

Part Number [IXFA6N120P](#)
Manufacturer IXYS
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 1200V 6A D2PAK
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

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.


IXFA6N120P Specifications

Manufacturer Part Number	IXFA6N120P
Manufacturer	IXYS
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	TO-263-3, D2Pak (2 Leads + Tab), TO-263AB
Series	HiPerFET?, PolarP2?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (V _{dss})	1200V
Current - Continuous Drain (I _d) @ 25°C	6A (T _c)
Drive Voltage (Max R _{ds On} , Min R _{ds On})	10V
V _{gs(th)} (Max) @ I _d	5V @ 1mA
Gate Charge (Q _g) (Max) @ V _{gs}	92nC @ 10V
Input Capacitance (C _{iss}) (Max) @ V _{ds}	2830pF @ 25V
V _{gs} (Max)	±30V
FET Feature	-
Power Dissipation (Max)	250W (T _c)
R _{ds On} (Max) @ I _d , V _{gs}	2.4 Ohm @ 500mA, 10V
Operating Temperature	-55°C ~ 150°C (T _J)
Mounting Type	Surface Mount
Supplier Device Package	TO-263 (IXFA)
Package / Case	TO-263-3, D2Pak (2 Leads + Tab), TO-263AB

[Report errors?](#)

IXFA6N120P 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.

IXFA6N120P Payment Methods



IXFA6N120P Shipping Methods



If you have any question about IXFA6N120P, please do not hesitate to contact us!

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