



## IXFK120N25P

<b>Manufacturer Part Number:</b>	IXFK120N25P
<b>Manufacturer/Brand:</b>	IXYS Corporation
<b>Part of Description:</b>	MOSFET N-CH 250V 120A TO-264
<b>Datasheets:</b>	<a href="#">IXFK120N25P.pdf</a>
<b>RoHS Status:</b>	Lead free / RoHS
<b>Stock Condition:</b>	Compliant New original, 486 pcs Stock Available.
<b>Ship From:</b>	Hong Kong
<b>Shipment Way:</b>	DHL/Fedex/TNT/UPS/EMS

Image may be representation.  
See specs for product details.

### Specifications

Part Number	IXFK120N25P
Manufacturer	IXYS Corporation
Description	MOSFET N-CH 250V 120A TO-264
Category	<a href="#">Discrete Semiconductor Products</a> > <a href="#">Transistors - FETs</a> ,
Part Status	486 pcs Stock
Vgs(th) (Max) @ Id	5V @ 4mA
Technology	MOSFET (Metal Oxide)
Supplier Device Package	TO-264AA (IXFK)
Series	PolarHT™ HiPerFET™
Rds On (Max) @ Id, Vgs	24 mOhm @ 60A, 10V
Power Dissipation (Max)	700W (Tc)
Packaging	Tube
Package / Case	TO-264-3, TO-264AA
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Through Hole
Input Capacitance (Ciss) (Max) @ Vds	8000pF @ 25V
Gate Charge (Qg) (Max) @ Vgs	185nC @ 10V
FET Type	N-Channel
FET Feature	-
Drain to Source Voltage (Vdss)	250V
Current - Continuous Drain (Id) @ 25°C	120A (Tc)

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<p><b>IXFK120N20P</b> IXYS MOSFET N-CH 200V 120A TO-264</p>	<p><b>IXFK120N30P3</b> IXYS MOSFET N-CH 300V 120A TO-264</p>	<p><b>IXFK110N07</b> IXYS MOSFET N-CH 70V 110A TO-264AA</p>	<p><b>IXFK102N30P</b> IXYS MOSFET N-CH 300V 102A TO-264</p>

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